

Documents

Export Date: 29 Dec 2018

Search: AFFILCOUNTRY(iran) AND (LIMIT-TO (SUBJAREA,"MATE"))

1) Azizian, S.

[Kinetic models of sorption: A theoretical analysis](#)

(2004) Journal of Colloid and Interface Science, 276 (1), pp. 47-52. Cited 1052 times.

1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042648985&doi=10.1016%2fj.jcis.2004.03.048&partnerID=40&md5=bb5>

DOI: 10.1016/j.jcis.2004.03.048

Document Type: Article

Publication Stage: Final

Source: Scopus

2) Akhavan, O., Ghaderi, E.

[Toxicity of graphene and graphene oxide nanowalls against bacteria](#)

(2010) ACS Nano, 4 (10), pp. 5731-5736. Cited 1031 times.

2) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78049352115&doi=10.1021%2fn101390x&partnerID=40&md5=c8bda3b>

DOI: 10.1021/nn101390x

Document Type: Article

Publication Stage: Final

Source: Scopus

3) Assadi, H., Gärtner, F., Stoltenhoff, T., Kreye, H.

[Bonding mechanism in cold gas spraying](#)

(2003) Acta Materialia, 51 (15), pp. 4379-4394. Cited 905 times.

3) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041629478&doi=10.1016%2fS1359-6454%2803%2900274-X&partnerID>

DOI: 10.1016/S1359-6454(03)00274-X

Document Type: Article

Publication Stage: Final

Source: Scopus

4) Zakery, A., Elliott, S.R.

[Optical properties and applications of chalcogenide glasses: A review](#)

(2003) Journal of Non-Crystalline Solids, 330 (1-3), pp. 1-12. Cited 790 times.

4) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242302570&doi=10.1016%2fj.jnoncrysol.2003.08.064&partnerID=40&md5>

DOI: 10.1016/j.jnoncrysol.2003.08.064

Document Type: Review

Publication Stage: Final

Source: Scopus

- 5) Shahverdi, A.R., Fakhimi, A., Shahverdi, H.R., Minaian, S.
[Synthesis and effect of silver nanoparticles on the antibacterial activity of different antibiotics against Staphylococcus aureus and Escherichia coli](#)

(2007) Nanomedicine: Nanotechnology, Biology, and Medicine, 3 (2), pp. 168-171. Cited 709 times.

- 5) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250210524&doi=10.1016%2fj.nano.2007.02.001&partnerID=40&md5=>
DOI: 10.1016/j.nano.2007.02.001

Document Type: Article

Publication Stage: Final

Source: Scopus

- 6) Jamieson, T., Bakhshi, R., Petrova, D., Pocock, R., Imani, M., Seifalian, A.M.
[Biological applications of quantum dots](#)

(2007) Biomaterials, 28 (31), pp. 4717-4732. Cited 703 times.

- 6) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547887691&doi=10.1016%2fj.biomaterials.2007.07.014&partnerID=40>
DOI: 10.1016/j.biomaterials.2007.07.014

Document Type: Review

Publication Stage: Final

Source: Scopus

- 7) Khorsand Zak, A., Abd. Majid, W.H., Abrishami, M.E., Yousefi, R.
[X-ray analysis of ZnO nanoparticles by Williamson-Hall and size-strain plot methods](#)

(2011) Solid State Sciences, 13 (1), pp. 251-256. Cited 647 times.

- 7) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650589098&doi=10.1016%2fj.solidstatesciences.2010.11.024&partner>
DOI: 10.1016/j.solidstatesciences.2010.11.024

Document Type: Article

Publication Stage: Final

Source: Scopus

- 8) Akhavan, O., Ghaderi, E.
[Photocatalytic reduction of graphene oxide nanosheets on TiO2 thin film for photoinactivation of bacteria in solar light irradiation](#)

(2009) Journal of Physical Chemistry C, 113 (47), pp. 20214-20220. Cited 646 times.

- 8) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-71149087169&doi=10.1021%2fjp906325q&partnerID=40&md5=4166905>

DOI: 10.1021/jp906325q

Document Type: Article

Publication Stage: Final

Source: Scopus

- 9) Ghasemi-Mobarakeh, L., Prabhakaran, M.P., Morshed, M., Nasr-Esfahani, M.-H., Ramakrishna, S.
[Electrospun poly\(\$\epsilon\$ -caprolactone\)/gelatin nanofibrous scaffolds for nerve tissue engineering](#)
(2008) *Biomaterials*, 29 (34), pp. 4532-4539. Cited 641 times.

- 9) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-52049100789&doi=10.1016%2fj.biomaterials.2008.08.007&partnerID=40&md5=96f56f60000000000000000000000000>
DOI: 10.1016/j.biomaterials.2008.08.007

Document Type: Article

Publication Stage: Final

Source: Scopus

- 10) Schmidt, T., Gärtner, F., Assadi, H., Kreye, H.
[Development of a generalized parameter window for cold spray deposition](#)
(2006) *Acta Materialia*, 54 (3), pp. 729-742. Cited 586 times.

- 10) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-29844434869&doi=10.1016%2fj.actamat.2005.10.005&partnerID=40&md5=96f56f60000000000000000000000000>
DOI: 10.1016/j.actamat.2005.10.005

Document Type: Article

Publication Stage: Final

Source: Scopus

- 11) Soleimani Dorcheh, A., Abbasi, M.H.
[Silica aerogel; synthesis, properties and characterization](#)
(2008) *Journal of Materials Processing Technology*, 199 (1), pp. 10-26. Cited 536 times.

- 11) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-37549056261&doi=10.1016%2fj.jmatprotec.2007.10.060&partnerID=40&md5=96f56f60000000000000000000000000>
DOI: 10.1016/j.jmatprotec.2007.10.060

Document Type: Review

Publication Stage: Final

Source: Scopus

- 12) Akhavan, O.
[Graphene nanomesh by ZnO nanorod photocatalysts](#)
(2010) *ACS Nano*, 4 (7), pp. 4174-4180. Cited 506 times.

- 12) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955547940&doi=10.1021%2fnn1007429&partnerID=40&md5=e96f56f6000000000000000000000000>

DOI: 10.1021/nn1007429

Document Type: Article

Publication Stage: Final

Source: Scopus

- 13) Akbarzadeh, A., Rezaei-Sadabady, R., Davaran, S., Joo, S.W., Zarghami, N., Hanifehpour, Y., Samiei, M., Kouhi, M., Nejati-Koshki, K.

[Liposome: Classification, preparation, and applications](#)

(2013) Nanoscale Research Letters, 8 (1), pp. 1-8. Cited 484 times.

- 13) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875143196&doi=10.1186%2f1556-276X-8-102&partnerID=40&md5=d>

DOI: 10.1186/1556-276X-8-102

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 14) Oghbaei, M., Mirzaee, O.

[Microwave versus conventional sintering: A review of fundamentals, advantages and applications](#)

(2010) Journal of Alloys and Compounds, 494 (1-2), pp. 175-189. Cited 471 times.

- 14) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649188962&doi=10.1016%2fj.jallcom.2010.01.068&partnerID=40&md5=d>

DOI: 10.1016/j.jallcom.2010.01.068

Document Type: Review

Publication Stage: Final

Source: Scopus

- 15) Sheikholeslami, M., Domiri Ganji, D., Younus Javed, M., Ellahi, R.

[Effect of thermal radiation on magnetohydrodynamics nanofluid flow and heat transfer by means of two phase model](#)

(2015) Journal of Magnetism and Magnetic Materials, 374, pp. 36-43. Cited 462 times.

- 15) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906707928&doi=10.1016%2fj.jmmm.2014.08.021&partnerID=40&md5=d>

DOI: 10.1016/j.jmmm.2014.08.021

Document Type: Article

Publication Stage: Final

Source: Scopus

- 16) Salimi, A., Yousefi, A.A.

[FTIR studies of \$\beta\$ -phase crystal formation in stretched PVDF films](#)

(2003) Polymer Testing, 22 (6), pp. 699-704. Cited 457 times.

- 16) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038559959&doi=10.1016%2fS0142-9418%2803%2900003-5&partnerID>
DOI: 10.1016/S0142-9418(03)00003-5

Document Type: Article

Publication Stage: Final

Source: Scopus

- 17) Sadat-Shojai, M., Khorasani, M.-T., Dinpanah-Khoshdargi, E., Jamshidi, A.
[Synthesis methods for nanosized hydroxyapatite with diverse structures](#)
(2013) Acta Biomaterialia, 9 (8), pp. 7591-7621. Cited 429 times.

- 17) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891666523&doi=10.1016%2fj.actbio.2013.04.012&partnerID=40&md5>
DOI: 10.1016/j.actbio.2013.04.012

Document Type: Review

Publication Stage: Final

Source: Scopus

- 18) Aljourani, J., Raeissi, K., Golozar, M.A.
[Benzimidazole and its derivatives as corrosion inhibitors for mild steel in 1M HCl solution](#)
(2009) Corrosion Science, 51 (8), pp. 1836-1843. Cited 428 times.

- 18) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649794788&doi=10.1016%2fj.corsci.2009.05.011&partnerID=40&md5>
DOI: 10.1016/j.corsci.2009.05.011

Document Type: Article

Publication Stage: Final

Source: Scopus

- 19) Zahedi, P., Rezaeian, I., Ranaei-Siadat, S.-O., Jafari, S.-H., Supaphol, P.
[A review on wound dressings with an emphasis on electrospun nanofibrous polymeric bandages](#)
(2010) Polymers for Advanced Technologies, 21 (2), pp. 77-95. Cited 382 times.

- 19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952024348&doi=10.1002%2fpat.1625&partnerID=40&md5=c13c5ab0>
DOI: 10.1002/pat.1625

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 20) Vatanpour, V., Madaeni, S.S., Moradian, R., Zinadini, S., Astinchap, B.

Fabrication and characterization of novel antifouling nanofiltration membrane prepared from oxidized multiwalled carbon nanotube/polyethersulfone nanocomposite

(2011) Journal of Membrane Science, 375 (1-2), pp. 284-294. Cited 372 times.

- 20) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955809187&doi=10.1016%2fj.memsci.2011.03.055&partnerID=40&md5=10161616161616161616161616161616>
DOI: 10.1016/j.memsci.2011.03.055

Document Type: Article

Publication Stage: Final

Source: Scopus

- 21) Shokrollahi, H., Janghorban, K.

Soft magnetic composite materials (SMCs)

(2007) Journal of Materials Processing Technology, 189 (1-3), pp. 1-12. Cited 371 times.

- 21) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34047235674&doi=10.1016%2fj.jmatprotec.2007.02.034&partnerID=40&md5=10161616161616161616161616161616>
DOI: 10.1016/j.jmatprotec.2007.02.034

Document Type: Review

Publication Stage: Final

Source: Scopus

- 22) Mahdavinia, G.R., Pourjavadi, A., Hosseinzadeh, H., Zohuriaan, M.J.

Modified chitosan 4. Superabsorbent hydrogels from poly(acrylic acid-co-acrylamide) grafted chitosan with salt- and pH-responsiveness properties

(2004) European Polymer Journal, 40 (7), pp. 1399-1407. Cited 370 times.

- 22) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942696109&doi=10.1016%2fj.eurpolymj.2004.01.039&partnerID=40&md5=10161616161616161616161616161616>
DOI: 10.1016/j.eurpolymj.2004.01.039

Document Type: Article

Publication Stage: Final

Source: Scopus

- 23) Gandomi, A.H., Yang, X.-S., Alavi, A.H.

Mixed variable structural optimization using Firefly Algorithm

(2011) Computers and Structures, 89 (23-24), pp. 2325-2336. Cited 369 times.

- 23) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-80055049702&doi=10.1016%2fj.compstruc.2011.08.002&partnerID=40&md5=10161616161616161616161616161616>
DOI: 10.1016/j.compstruc.2011.08.002

Document Type: Article

Publication Stage: Final

Source: Scopus

- 24) Hosseini, M., Mertens, S.F.L., Ghorbani, M., Arshadi, M.R.
[Asymmetrical Schiff bases as inhibitors of mild steel corrosion in sulphuric acid media](#)
(2003) Materials Chemistry and Physics, 78 (3), pp. 800-808. Cited 355 times.
- 24) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037469496&doi=10.1016%2fS0254-0584%2802%2900390-5&partnerID>
DOI: 10.1016/S0254-0584(02)00390-5
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 25) Ashassi-Sorkhabi, H., Shaabani, B., Seifzadeh, D.
[Corrosion inhibition of mild steel by some schiff base compounds in hydrochloric acid](#)
(2005) Applied Surface Science, 239 (2), pp. 154-164. Cited 353 times.
- 25) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444274313&doi=10.1016%2fj.apsusc.2004.05.143&partnerID=40&md5>
DOI: 10.1016/j.apsusc.2004.05.143
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 26) Ostovari, A., Hoseinieh, S.M., Peikari, M., Shadizadeh, S.R., Hashemi, S.J.
[Corrosion inhibition of mild steel in 1 M HCl solution by henna extract: A comparative study of the inhibition by henna and its constituents \(Lawson, Gallic acid, \$\alpha\$ -d-Glucose and Tannic acid\)](#)
(2009) Corrosion Science, 51 (9), pp. 1935-1949. Cited 351 times.
- 26) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-68049102041&doi=10.1016%2fj.corsci.2009.05.024&partnerID=40&md5>
DOI: 10.1016/j.corsci.2009.05.024
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 27) Akhavan, O., Ghaderi, E., Akhavan, A.
[Size-dependent genotoxicity of graphene nanoplatelets in human stem cells](#)
(2012) Biomaterials, 33 (32), pp. 8017-8025. Cited 350 times.
- 27) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865536872&doi=10.1016%2fj.biomaterials.2012.07.040&partnerID=40>
DOI: 10.1016/j.biomaterials.2012.07.040
- Document Type: Article
Publication Stage: Final
Source: Scopus

- 28) Zohuriaan-Mehr, M.J., Kabiri, K.
[Superabsorbent polymer materials: A review](#)
(2008) Iranian Polymer Journal (English Edition), 17 (6), pp. 451-477. Cited 345 times.
- 28) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149098597&partnerID=40&md5=8cafe348989222f6bda2994ef3923e7>
Document Type: Review
Publication Stage: Final
Source: Scopus
- 29) Akbarzadeh, A., Samiei, M., Davaran, S.
[Magnetic nanoparticles: Preparation, physical properties, and applications in biomedicine](#)
(2012) Nanoscale Research Letters, 7, art. no. 144, . Cited 338 times.
- 29) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857706152&doi=10.1186%2f1556-276X-7-144&partnerID=40&md5=a>
DOI: 10.1186/1556-276X-7-144

Document Type: Article
Publication Stage: Final
Access Type: Open Access
Source: Scopus
- 30) Zinadini, S., Zinatizadeh, A.A., Rahimi, M., Vatanpour, V., Zangeneh, H.
[Preparation of a novel antifouling mixed matrix PES membrane by embedding graphene oxide nanoplates](#)
(2014) Journal of Membrane Science, 453, pp. 292-301. Cited 328 times.
- 30) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888801881&doi=10.1016%2fj.memsci.2013.10.070&partnerID=40&md5=>
DOI: 10.1016/j.memsci.2013.10.070

Document Type: Article
Publication Stage: Final
Source: Scopus
- 31) Niknejad, H., Peirovi, H., Jorjani, M., Ahmadiani, A., Ghanavi, J., Seifalian, A.M.
[Properties of the amniotic membrane for potential use in tissue engineering](#)
(2008) European Cells and Materials, 15, pp. 88-99. Cited 320 times.
- 31) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-45549094029&partnerID=40&md5=25a95b3852b4c2a0afc5d09997322c>
Document Type: Review
Publication Stage: Final
Source: Scopus
- 32) Arami, M., Limaee, N.Y., Mahmoodi, N.M., Tabrizi, N.S.
[Removal of dyes from colored textile wastewater by orange peel adsorbent: Equilibrium and kinetic](#)

studies

(2005) Journal of Colloid and Interface Science, 288 (2), pp. 371-376. Cited 319 times.

- 32) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-20344400118&doi=10.1016%2fj.jcis.2005.03.020&partnerID=40&md5=43>
DOI: 10.1016/j.jcis.2005.03.020

Document Type: Article

Publication Stage: Final

Source: Scopus

- 33) Kokabi, M., Sirousazar, M., Hassan, Z.M.

[PVA-clay nanocomposite hydrogels for wound dressing](#)

(2007) European Polymer Journal, 43 (3), pp. 773-781. Cited 318 times.

- 33) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847037906&doi=10.1016%2fj.eurpolymj.2006.11.030&partnerID=40&n>
DOI: 10.1016/j.eurpolymj.2006.11.030

Document Type: Article

Publication Stage: Final

Source: Scopus

- 34) Takht Ravanchi, M., Kaghazchi, T., Kargari, A.

[Application of membrane separation processes in petrochemical industry: a review](#)

(2009) Desalination, 235 (1-3), pp. 199-244. Cited 316 times.

- 34) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-57449087072&doi=10.1016%2fj.desal.2007.10.042&partnerID=40&md5=43>
DOI: 10.1016/j.desal.2007.10.042

Document Type: Article

Publication Stage: Final

Source: Scopus

- 35) Simchi, A.

[Direct laser sintering of metal powders: Mechanism, kinetics and microstructural features](#)

(2006) Materials Science and Engineering A, 428 (1-2), pp. 148-158. Cited 315 times.

- 35) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745488348&doi=10.1016%2fj.msea.2006.04.117&partnerID=40&md5=43>
DOI: 10.1016/j.msea.2006.04.117

Document Type: Article

Publication Stage: Final

Source: Scopus

- 36) Akhavan, O., Abdolahad, M., Esfandiar, A., Mohatashamifar, M.

[Photodegradation of graphene oxide sheets by TiO₂ nanoparticles after a photocatalytic reduction](#)

(2010) Journal of Physical Chemistry C, 114 (30), pp. 12955-12959. Cited 308 times.

- 36) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955133013&doi=10.1021%2fjp103472c&partnerID=40&md5=b38330b>
DOI: 10.1021/jp103472c

Document Type: Article

Publication Stage: Final

Source: Scopus

- 37) Abbasi, F., Mirzadeh, H., Katbab, A.-A.

[Modification of polysiloxane polymers for biomedical applications: A review](#)

(2001) Polymer International, 50 (12), pp. 1279-1287. Cited 298 times.

- 37) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035679713&doi=10.1002%2fpi.783&partnerID=40&md5=68cbae898350>
DOI: 10.1002/pi.783

Document Type: Article

Publication Stage: Final

Source: Scopus

- 38) Morsali, A., Masoomi, M.Y.

[Structures and properties of mercury\(II\) coordination polymers](#)

(2009) Coordination Chemistry Reviews, 253 (13-14), pp. 1882-1905. Cited 296 times.

- 38) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349195818&doi=10.1016%2fj.ccr.2009.02.018&partnerID=40&md5=9e>
DOI: 10.1016/j.ccr.2009.02.018

Document Type: Review

Publication Stage: Final

Source: Scopus

- 39) Roohani, M., Habibi, Y., Belgacem, N.M., Ebrahim, G., Karimi, A.N., Dufresne, A.

[Cellulose whiskers reinforced polyvinyl alcohol copolymers nanocomposites](#)

(2008) European Polymer Journal, 44 (8), pp. 2489-2498. Cited 296 times.

- 39) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-49149091153&doi=10.1016%2fj.eurpolymj.2008.05.024&partnerID=40&md5=9e>
DOI: 10.1016/j.eurpolymj.2008.05.024

Document Type: Article

Publication Stage: Final

Source: Scopus

- 40) Kaveh, A., Talatahari, S.

[Particle swarm optimizer, ant colony strategy and harmony search scheme hybridized for optimization of truss structures](#)

(2009) Computers and Structures, 87 (5-6), pp. 267-283. Cited 290 times.

- 40) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-60049083842&doi=10.1016%2fj.compstruc.2009.01.003&partnerID=40&>
DOI: 10.1016/j.compstruc.2009.01.003

Document Type: Article

Publication Stage: Final

Source: Scopus

- 41) Smith, D.J., Ayatollahi, M.R., Pavier, M.J.
[The role of T-stress in brittle fracture for linear elastic materials under mixed-mode loading](#)
(2001) Fatigue and Fracture of Engineering Materials and Structures, 24 (2), pp. 137-150. Cited 287 times.

- 41) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035245046&doi=10.1046%2fj.1460-2695.2001.00377.x&partnerID=40&>
DOI: 10.1046/j.1460-2695.2001.00377.x

Document Type: Article

Publication Stage: Final

Source: Scopus

- 42) Rezakazemi, M., Ebadi Amooghin, A., Montazer-Rahmati, M.M., Ismail, A.F., Matsuura, T.
[State-of-the-art membrane based CO₂ separation using mixed matrix membranes \(MMMs\): An overview on current status and future directions](#)
(2014) Progress in Polymer Science, 39 (5), pp. 817-861. Cited 285 times.

- 42) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899423054&doi=10.1016%2fj.progpolymsci.2014.01.003&partnerID=40&>
DOI: 10.1016/j.progpolymsci.2014.01.003

Document Type: Review

Publication Stage: Final

Source: Scopus

- 43) Akhavan, O., Ghaderi, E., Esfandiari, A.
[Wrapping bacteria by graphene nanosheets for isolation from environment, reactivation by sonication, and inactivation by near-infrared irradiation](#)
(2011) Journal of Physical Chemistry B, 115 (19), pp. 6279-6288. Cited 285 times.

- 43) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956150165&doi=10.1021%2fjp200686k&partnerID=40&md5=d5b52b5>
DOI: 10.1021/jp200686k

Document Type: Article

Publication Stage: Final

Source: Scopus

- 44) Zohuriaan, M.J., Shokrolahi, F.

[Thermal studies on natural and modified gums](#)

(2004) Polymer Testing, 23 (5), pp. 575-579. Cited 284 times.

- 44) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-2642548966&doi=10.1016%2fj.polymertesting.2003.11.001&partnerID=4>

DOI: 10.1016/j.polymertesting.2003.11.001

Document Type: Article

Publication Stage: Final

Source: Scopus

- 45) Sharifi, I., Shokrollahi, H., Amiri, S.

[Ferrite-based magnetic nanofluids used in hyperthermia applications](#)

(2012) Journal of Magnetism and Magnetic Materials, 324 (6), pp. 903-915. Cited 282 times.

- 45) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855444133&doi=10.1016%2fj.jmmm.2011.10.017&partnerID=40&md5>

DOI: 10.1016/j.jmmm.2011.10.017

Document Type: Review

Publication Stage: Final

Source: Scopus

- 46) Masoumi, N., Sohrabi, N., Behzadmehr, A.

[A new model for calculating the effective viscosity of nanofluids](#)

(2009) Journal of Physics D: Applied Physics, 42 (5), art. no. 055501, . Cited 282 times.

- 46) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994728034&doi=10.1088%2f0022-3727%2f42%2f5%2f055501&partnerID=40&md5=1ba7da8>

DOI: 10.1088/0022-3727/42/5/055501

Document Type: Article

Publication Stage: Final

Source: Scopus

- 47) Akhavan, O., Ghaderi, E., Rahighi, R.

[Toward single-DNA electrochemical biosensing by graphene nanowalls](#)

(2012) ACS Nano, 6 (4), pp. 2904-2916. Cited 281 times.

- 47) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860361220&doi=10.1021%2fnn300261t&partnerID=40&md5=1ba7da8>

DOI: 10.1021/nn300261t

Document Type: Article

Publication Stage: Final

Source: Scopus

- 48) Mohammadi, N., Khani, H., Gupta, V.K., Amereh, E., Agarwal, S.

[Adsorption process of methyl orange dye onto mesoporous carbon material-kinetic and thermodynamic studies](#)

(2011) Journal of Colloid and Interface Science, 362 (2), pp. 457-462. Cited 279 times.

- 48) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051469874&doi=10.1016%2fj.jcis.2011.06.067&partnerID=40&md5=6>
DOI: 10.1016/j.jcis.2011.06.067

Document Type: Article

Publication Stage: Final

Source: Scopus

- 49) Behpour, M., Ghoreishi, S.M., Soltani, N., Salavati-Niasari, M., Hamadani, M., Gandomi, A.

[Electrochemical and theoretical investigation on the corrosion inhibition of mild steel by thiosalicylaldehyde derivatives in hydrochloric acid solution](#)

(2008) Corrosion Science, 50 (8), pp. 2172-2181. Cited 277 times.

- 49) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-50349086480&doi=10.1016%2fj.corsci.2008.06.020&partnerID=40&md5=6>
DOI: 10.1016/j.corsci.2008.06.020

Document Type: Article

Publication Stage: Final

Source: Scopus

- 50) Akhavan, O.

[Lasting antibacterial activities of Ag-TiO₂/Ag/a-TiO₂ nanocomposite thin film photocatalysts under solar light irradiation](#)

(2009) Journal of Colloid and Interface Science, 336 (1), pp. 117-124. Cited 268 times.

- 50) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349162949&doi=10.1016%2fj.jcis.2009.03.018&partnerID=40&md5=ea>
DOI: 10.1016/j.jcis.2009.03.018

Document Type: Article

Publication Stage: Final

Source: Scopus

- 51) Asghari, M., Ahmadian, M.T., Kahrobaiyan, M.H., Rahaeifard, M.

[On the size-dependent behavior of functionally graded micro-beams](#)

(2010) Materials and Design, 31 (5), pp. 2324-2329. Cited 265 times.

- 51) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-76549113272&doi=10.1016%2fj.matdes.2009.12.006&partnerID=40&md5=6>
DOI: 10.1016/j.matdes.2009.12.006

Document Type: Article
Publication Stage: Final
Source: Scopus

52) Jabbari, M., Sohrabpour, S., Eslami, M.R.

[Mechanical and thermal stresses in a functionally graded hollow cylinder due to radially symmetric loads](#)

(2002) International Journal of Pressure Vessels and Piping, 79 (7), pp. 493-497. Cited 264 times.

52) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037163151&doi=10.1016%2fS0308-0161%2802%2900043-1&partnerID>

DOI: 10.1016/S0308-0161(02)00043-1

Document Type: Article
Publication Stage: Final
Source: Scopus

53) Ghodselahi, T., Vesaghi, M.A., Shafiekhani, A., Baghizadeh, A., Lameii, M.

[XPS study of the Cu@Cu₂O core-shell nanoparticles](#)

(2008) Applied Surface Science, 255 (5 PART 2), pp. 2730-2734. Cited 260 times.

53) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-56949097900&doi=10.1016%2fj.apsusc.2008.08.110&partnerID=40&md5>

DOI: 10.1016/j.apsusc.2008.08.110

Document Type: Article
Publication Stage: Final
Source: Scopus

54) Sina, S.A., Navazi, H.M., Haddadpour, H.

[An analytical method for free vibration analysis of functionally graded beams](#)

(2009) Materials and Design, 30 (3), pp. 741-747. Cited 256 times.

54) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-57149120518&doi=10.1016%2fj.matdes.2008.05.015&partnerID=40&md5>

DOI: 10.1016/j.matdes.2008.05.015

Document Type: Article
Publication Stage: Final
Source: Scopus

55) Dizaj, S.M., Lotfipour, F., Barzegar-Jalali, M., Zarrintan, M.H., Adibkia, K.

[Antimicrobial activity of the metals and metal oxide nanoparticles](#)

(2014) Materials Science and Engineering C, 44, pp. 278-284. Cited 251 times.

55) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906826876&doi=10.1016%2fj.msec.2014.08.031&partnerID=40&md5>

DOI: 10.1016/j.msec.2014.08.031

Document Type: Review

Publication Stage: Final

Source: Scopus

- 56) Abbasi, M., Karimi Taheri, A., Salehi, M.T.

[Growth rate of intermetallic compounds in Al/Cu bimetal produced by cold roll welding process](#)

(2001) Journal of Alloys and Compounds, 319 (1-2), pp. 233-241. Cited 251 times.

- 56) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035953814&doi=10.1016%2fS0925-8388%2801%2900872-6&partnerID>

DOI: 10.1016/S0925-8388(01)00872-6

Document Type: Article

Publication Stage: Final

Source: Scopus

- 57) Hetnarski, R.B., Eslami, M.R.

[Thermal stresses - Advanced theory and applications](#)

(2009) Solid Mechanics and its Applications, 158, pp. 1-591. Cited 250 times.

- 57) https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949486434&doi=10.1007%2f978-1-4020-9247-3_1&partnerID=40&md5

DOI: 10.1007/978-1-4020-9247-3_1

Document Type: Article

Publication Stage: Final

Source: Scopus

- 58) Simchi, A., Tamjid, E., Pishbin, F., Boccaccini, A.R.

[Recent progress in inorganic and composite coatings with bactericidal capability for orthopaedic applications](#)

(2011) Nanomedicine: Nanotechnology, Biology, and Medicine, 7 (1), pp. 22-39. Cited 248 times.

- 58) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751697635&doi=10.1016%2fj.nano.2010.10.005&partnerID=40&md5>

DOI: 10.1016/j.nano.2010.10.005

Document Type: Review

Publication Stage: Final

Source: Scopus

- 59) Ganji, F., Vasheghani-Farahani, S., Vasheghani-Farahani, E.

[Theoretical description of hydrogel swelling: A review](#)

(2010) Iranian Polymer Journal (English Edition), 19 (5), pp. 375-398. Cited 248 times.

- 59) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952850278&partnerID=40&md5=88b082adea234b80ab4f1a23cf11da7>

Document Type: Article

Publication Stage: Final

Source: Scopus

- 60) Schmidt, T., Assadi, H., Gärtner, F., Richter, H., Stoltenhoff, T., Kreye, H., Klassen, T.

[From particle acceleration to impact and bonding in cold spraying](#)

(2009) Journal of Thermal Spray Technology, 18 (5-6), pp. 794-808. Cited 248 times.

- 60) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-72449144573&doi=10.1007%2fs11666-009-9357-7&partnerID=40&md5=>

DOI: 10.1007/s11666-009-9357-7

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 61) Sabzi, M., Mirabedini, S.M., Zohuriaan-Mehr, J., Atai, M.

[Surface modification of TiO₂ nano-particles with silane coupling agent and investigation of its effect on the properties of polyurethane composite coating](#)

(2009) Progress in Organic Coatings, 65 (2), pp. 222-228. Cited 248 times.

- 61) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-64849102013&doi=10.1016%2fj.porgcoat.2008.11.006&partnerID=40&md5=>

DOI: 10.1016/j.porgcoat.2008.11.006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 62) Kabiri, K., Omidian, H., Hashemi, S.A., Zohuriaan-Mehr, M.J.

[Synthesis of fast-swelling superabsorbent hydrogels: Effect of crosslinker type and concentration on porosity and absorption rate](#)

(2003) European Polymer Journal, 39 (7), pp. 1341-1348. Cited 248 times.

- 62) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037941099&doi=10.1016%2fS0014-3057%2802%2900391-9&partnerID=>

DOI: 10.1016/S0014-3057(02)00391-9

Document Type: Article

Publication Stage: Final

Source: Scopus

- 63) Fathi, M.H., Hanifi, A., Mortazavi, V.

[Preparation and bioactivity evaluation of bone-like hydroxyapatite nanopowder](#)

(2008) Journal of Materials Processing Technology, 202 (1-3), pp. 536-542. Cited 247 times.

- 63) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-42949169951&doi=10.1016%2fj.jmatprotec.2007.10.004&partnerID=40&md5=>

DOI: 10.1016/j.jmatprotec.2007.10.004

Document Type: Article

Publication Stage: Final

Source: Scopus

- 64) Ashassi-Sorkhabi, H., Majidi, M.R., Seyyedi, K.

[Investigation of inhibition effect of some amino acids against steel corrosion in HCl solution](#)

(2004) Applied Surface Science, 225 (1-4), pp. 176-185. Cited 245 times.

- 64) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-1342329657&doi=10.1016%2fj.apsusc.2003.10.007&partnerID=40&md5=>

DOI: 10.1016/j.apsusc.2003.10.007

Document Type: Article

Publication Stage: Final

Source: Scopus

- 65) Akhavan, O., Ghaderi, E., Aghayee, S., Fereydooni, Y., Talebi, A.

[The use of a glucose-reduced graphene oxide suspension for photothermal cancer therapy](#)

(2012) Journal of Materials Chemistry, 22 (27), pp. 13773-13781. Cited 242 times.

- 65) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862513728&doi=10.1039%2fc2jm31396k&partnerID=40&md5=4c5286>

DOI: 10.1039/c2jm31396k

Document Type: Article

Publication Stage: Final

Source: Scopus

- 66) Behpour, M., Ghoreishi, S.M., Soltani, N., Salavati-Niasari, M.

[The inhibitive effect of some bis-N,S-bidentate Schiff bases on corrosion behaviour of 304 stainless steel in hydrochloric acid solution](#)

(2009) Corrosion Science, 51 (5), pp. 1073-1082. Cited 241 times.

- 66) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249100730&doi=10.1016%2fj.corsci.2009.02.011&partnerID=40&md5=>

DOI: 10.1016/j.corsci.2009.02.011

Document Type: Article

Publication Stage: Final

Source: Scopus

- 67) Mobasherpour, I., Heshajin, M.S., Kazemzadeh, A., Zakeri, M.

[Synthesis of nanocrystalline hydroxyapatite by using precipitation method](#)

(2007) Journal of Alloys and Compounds, 430 (1-2), pp. 330-333. Cited 241 times.

- 67)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846804462&doi=10.1016%2fj.jallcom.2006.05.018&partnerID=40&md5=2c8fcf38b5>
DOI: 10.1016/j.jallcom.2006.05.018

Document Type: Article

Publication Stage: Final

Source: Scopus

- 68) Ghasemi-Mobarakeh, L., Prabhakaran, M.P., Morshed, M., Nasr-Esfahani, M.H., Baharvand, H., Kiani, S., Al-Deyab, S.S., Ramakrishna, S.
[Application of conductive polymers, scaffolds and electrical stimulation for nerve tissue engineering](#)
(2011) Journal of Tissue Engineering and Regenerative Medicine, 5 (4), pp. e17-e35. Cited 239 times.

- 68) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952769262&doi=10.1002%2fterm.383&partnerID=40&md5=2c8fcf38b5>
DOI: 10.1002/term.383

Document Type: Review

Publication Stage: Final

Access Type: Open Access

Source: Scopus

- 69) Rahimi, H., Hutchinson, A.
[Concrete beams strengthened with externally bonded FRP plates](#)
(2001) Journal of Composites for Construction, 5 (1), pp. 44-56. Cited 238 times.

- 69) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035252786&doi=10.1061%2f%28ASCE%291090-0268%282001%295>
DOI: 10.1061/(ASCE)1090-0268(2001)5

Document Type: Article

Publication Stage: Final

Source: Scopus

- 70) Homayoni, H., Ravandi, S.A.H., Valizadeh, M.
[Electrospinning of chitosan nanofibers: Processing optimization](#)
(2009) Carbohydrate Polymers, 77 (3), pp. 656-661. Cited 234 times.

- 70) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349184793&doi=10.1016%2fj.carbpol.2009.02.008&partnerID=40&md5=2c8fcf38b5>
DOI: 10.1016/j.carbpol.2009.02.008

Document Type: Article

Publication Stage: Final

Source: Scopus

71) Mahmoudi, M., Simchi, A., Milani, A.S., Stroeve, P.

[Cell toxicity of superparamagnetic iron oxide nanoparticles](#)

(2009) Journal of Colloid and Interface Science, 336 (2), pp. 510-518. Cited 232 times.

71) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67549120780&doi=10.1016%2fj.jcis.2009.04.046&partnerID=40&md5=3>

DOI: 10.1016/j.jcis.2009.04.046

Document Type: Article

Publication Stage: Final

Source: Scopus

72) Mohammadi, B., Yousefi, A.A., Bellah, S.M.

[Effect of tensile strain rate and elongation on crystalline structure and piezoelectric properties of PVDF thin films](#)

(2007) Polymer Testing, 26 (1), pp. 42-50. Cited 230 times.

72) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846259759&doi=10.1016%2fj.polymeresting.2006.08.003&partnerID=40&md5=3>

DOI: 10.1016/j.polymeresting.2006.08.003

Document Type: Article

Publication Stage: Final

Source: Scopus

73) Eskandar, H., Sadollah, A., Bahreininejad, A., Hamdi, M.

[Water cycle algorithm - A novel metaheuristic optimization method for solving constrained engineering optimization problems](#)

(2012) Computers and Structures, 110-111, pp. 151-166. Cited 229 times.

73) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865862850&doi=10.1016%2fj.compstruc.2012.07.010&partnerID=40&md5=3>

DOI: 10.1016/j.compstruc.2012.07.010

Document Type: Article

Publication Stage: Final

Source: Scopus

74) Pouralimardan, O., Chamayou, A.-C., Janiak, C., Hosseini-Monfared, H.

[Hydrazone Schiff base-manganese\(II\) complexes: Synthesis, crystal structure and catalytic reactivity](#)

(2007) Inorganica Chimica Acta, 360 (5), pp. 1599-1608. Cited 229 times.

74) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847666529&doi=10.1016%2fj.ica.2006.08.056&partnerID=40&md5=3>

DOI: 10.1016/j.ica.2006.08.056

Document Type: Article

Publication Stage: Final

Source: Scopus

- 75) Haberer, D., Vyalikh, D.V., Taioli, S., Dora, B., Farjam, M., Fink, J., Marchenko, D., Pichler, T., Ziegler, K., Simonucci, S., Dresselhaus, M.S., Knupfer, M., Büchner, B., Grüneis, A.

[Tunable band gap in hydrogenated quasi-free-standing graphene](#)

(2010) Nano Letters, 10 (9), pp. 3360-3366. Cited 228 times.

- 75) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956450706&doi=10.1021%2fnl101066m&partnerID=40&md5=086e5c4>
DOI: 10.1021/nl101066m

Document Type: Article

Publication Stage: Final

Source: Scopus

- 76) Ebrahimi, R., Najafizadeh, A.

[A new method for evaluation of friction in bulk metal forming](#)

(2004) Journal of Materials Processing Technology, 152 (2), pp. 136-143. Cited 227 times.

- 76) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344675827&doi=10.1016%2fj.jmatprotec.2004.03.029&partnerID=40&md5=086e5c4>
DOI: 10.1016/j.jmatprotec.2004.03.029

Document Type: Article

Publication Stage: Final

Source: Scopus

- 77) Omidian, H., Hashemi, S.A., Sammes, P.G., Meldrum, I.

[A model for the swelling of superabsorbent polymers](#)

(1998) Polymer, 39 (26), pp. 6697-6704. Cited 226 times.

- 77) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032340286&doi=10.1016%2fS0032-3861%2898%2900095-0&partnerID=40&md5=086e5c4>
DOI: 10.1016/S0032-3861(98)00095-0

Document Type: Article

Publication Stage: Final

Source: Scopus

- 78) Sheikholeslami, M., Bandpy, M.G., Ellahi, R., Zeeshan, A.

[Simulation of MHD CuO-water nanofluid flow and convective heat transfer considering Lorentz forces](#)

(2014) Journal of Magnetism and Magnetic Materials, 369, pp. 69-80. Cited 224 times.

- 78) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903269782&doi=10.1016%2fj.jmmm.2014.06.017&partnerID=40&md5=086e5c4>
DOI: 10.1016/j.jmmm.2014.06.017

Document Type: Article

Publication Stage: Final

Source: Scopus

- 79) Fatemi-Varzaneh, S.M., Zarei-Hanzaki, A., Beladi, H.
[Dynamic recrystallization in AZ31 magnesium alloy](#)
(2007) Materials Science and Engineering A, 456 (1-2), pp. 52-57. Cited 224 times.
- 79) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947420890&doi=10.1016%2fj.msea.2006.11.095&partnerID=40&md5=>
DOI: 10.1016/j.msea.2006.11.095
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 80) Salavati-Niasari, M., Davar, F.
[Synthesis of copper and copper\(I\) oxide nanoparticles by thermal decomposition of a new precursor](#)
(2009) Materials Letters, 63 (3-4), pp. 441-443. Cited 223 times.
- 80) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649231420&doi=10.1016%2fj.matlet.2008.11.023&partnerID=40&md5=>
DOI: 10.1016/j.matlet.2008.11.023
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 81) Rahimpour, A., Madaeni, S.S., Taheri, A.H., Mansourpanah, Y.
[Coupling TiO₂ nanoparticles with UV irradiation for modification of polyethersulfone ultrafiltration membranes](#)
(2008) Journal of Membrane Science, 313 (1-2), pp. 158-169. Cited 222 times.
- 81) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-40749147193&doi=10.1016%2fj.memsci.2007.12.075&partnerID=40&md5=>
DOI: 10.1016/j.memsci.2007.12.075
- Document Type: Article
Publication Stage: Final
Source: Scopus
- 82) Simchi, A., Pohl, H.
[Effects of laser sintering processing parameters on the microstructure and densification of iron powder](#)
(2003) Materials Science and Engineering A, 359 (1-2), pp. 119-128. Cited 222 times.
- 82) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042192092&doi=10.1016%2fS0921-5093%2803%2900341-1&partnerID=>
DOI: 10.1016/S0921-5093(03)00341-1
- Document Type: Article
Publication Stage: Final
Source: Scopus

83) Kaveh, A., Talatahari, S.

[Size optimization of space trusses using Big Bang-Big Crunch algorithm](#)

(2009) Computers and Structures, 87 (17-18), pp. 1129-1140. Cited 221 times.

83) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67651210697&doi=10.1016%2fj.compstruc.2009.04.011&partnerID=40&>

DOI: 10.1016/j.compstruc.2009.04.011

Document Type: Article

Publication Stage: Final

Source: Scopus

84) Ganjian, E., Khorami, M., Maghsoudi, A.A.

[Scrap-tyre-rubber replacement for aggregate and filler in concrete](#)

(2009) Construction and Building Materials, 23 (5), pp. 1828-1836. Cited 221 times.

84) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-59849106038&doi=10.1016%2fj.conbuildmat.2008.09.020&partnerID=40&>

DOI: 10.1016/j.conbuildmat.2008.09.020

Document Type: Article

Publication Stage: Final

Source: Scopus

85) Pourjavadi, A., Harzandi, A.M., Hosseinzadeh, H.

[Modified carrageenan 3. Synthesis of a novel polysaccharide-based superabsorbent hydrogel via graft copolymerization of acrylic acid onto kappa-carrageenan in air](#)

(2004) European Polymer Journal, 40 (7), pp. 1363-1370. Cited 219 times.

85) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942633175&doi=10.1016%2fj.eurpolymj.2004.02.016&partnerID=40&md5=>

DOI: 10.1016/j.eurpolymj.2004.02.016

Document Type: Article

Publication Stage: Final

Source: Scopus

86) Javaheri, R., Eslami, M.R.

[Thermal buckling of functionally graded plates based on higher order theory](#)

(2002) Journal of Thermal Stresses, 25 (7), pp. 603-625. Cited 219 times.

86) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036644425&doi=10.1080%2f01495730290074333&partnerID=40&md5=>

DOI: 10.1080/01495730290074333

Document Type: Article

Publication Stage: Final

Source: Scopus

87) Ramezaniapour, A.A., Malhotra, V.M.

[Effect of curing on the compressive strength, resistance to chloride-ion penetration and porosity of concretes incorporating slag, fly ash or silica fume](#)

(1995) Cement and Concrete Composites, 17 (2), pp. 125-133. Cited 216 times.

87) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029225694&doi=10.1016%2f0958-9465%2895%2900005-W&partnerID>

DOI: 10.1016/0958-9465(95)00005-W

Document Type: Article

Publication Stage: Final

Source: Scopus

88) Sajjadi, S.A., Ezatpour, H.R., Torabi Parizi, M.

[Comparison of microstructure and mechanical properties of A356 aluminum alloy/Al₂O₃ composites fabricated by stir and compo-casting processes](#)

(2012) Materials and Design, 34, pp. 106-111. Cited 213 times.

88) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052036122&doi=10.1016%2fj.matdes.2011.07.037&partnerID=40&md5>

DOI: 10.1016/j.matdes.2011.07.037

Document Type: Article

Publication Stage: Final

Source: Scopus

89) Bagheri, R., Marouf, B.T., Pearson, R.A.

[Rubber-toughened epoxies: A critical review](#)

(2009) Polymer Reviews, 49 (3), pp. 201-225. Cited 213 times.

89) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449672786&doi=10.1080%2f15583720903048227&partnerID=40&md5>

DOI: 10.1080/15583720903048227

Document Type: Article

Publication Stage: Final

Source: Scopus

90) Behpour, M., Ghoreishi, S.M., Mohammadi, N., Soltani, N., Salavati-Niasari, M.

[Investigation of some Schiff base compounds containing disulfide bond as HCl corrosion inhibitors for mild steel](#)

(2010) Corrosion Science, 52 (12), pp. 4046-4057. Cited 212 times.

90) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957665379&doi=10.1016%2fj.corsci.2010.08.020&partnerID=40&md5>

DOI: 10.1016/j.corsci.2010.08.020

Document Type: Article

Publication Stage: Final

Source: Scopus

91) Shabestari, S.G.

[The effect of iron and manganese on the formation of intermetallic compounds in aluminum-silicon alloys](#)

(2004) Materials Science and Engineering A, 383 (2), pp. 289-298. Cited 212 times.

91) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144312997&doi=10.1016%2fj.msea.2004.06.022&partnerID=40&md5=>
DOI: 10.1016/j.msea.2004.06.022

Document Type: Article

Publication Stage: Final

Source: Scopus

92) Levi, C.G., Abbaschian, G.J., Mehrabian, R.

[Interface interactions during fabrication of aluminum alloy-alumina fiber composites](#)

(1978) Metallurgical Transactions A, 9 (5), pp. 697-711. Cited 212 times.

92) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017962782&doi=10.1007%2fBF02659927&partnerID=40&md5=ae5094>
DOI: 10.1007/BF02659927

Document Type: Article

Publication Stage: Final

Source: Scopus

93) Salimi, A., Yousefi, A.A.

[Conformational changes and phase transformation mechanisms in PVDF solution-cast films](#)

(2004) Journal of Polymer Science, Part B: Polymer Physics, 42 (18), pp. 3487-3495. Cited 211 times.

93) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544312654&doi=10.1002%2fpolb.20223&partnerID=40&md5=b2e30279>
DOI: 10.1002/polb.20223

Document Type: Article

Publication Stage: Final

Source: Scopus

94) Asghari, M., Rahaeifard, M., Kahrobaiyan, M.H., Ahmadian, M.T.

[The modified couple stress functionally graded Timoshenko beam formulation](#)

(2011) Materials and Design, 32 (3), pp. 1435-1443. Cited 209 times.

94) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649883379&doi=10.1016%2fj.matdes.2010.08.046&partnerID=40&md5=>
DOI: 10.1016/j.matdes.2010.08.046

Document Type: Article
Publication Stage: Final
Source: Scopus

- 95) Behzadnasab, M., Mirabedini, S.M., Kabiri, K., Jamali, S.
[Corrosion performance of epoxy coatings containing silane treated ZrO₂ nanoparticles on mild steel in 3.5% NaCl solution](#)
(2011) Corrosion Science, 53 (1), pp. 89-98. Cited 209 times.

95) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149470485&doi=10.1016%2fj.corsci.2010.09.026&partnerID=40&md5=...>
DOI: 10.1016/j.corsci.2010.09.026

Document Type: Article
Publication Stage: Final
Source: Scopus

- 96) Sheikholeslami, M., Gorji Bandpy, M., Ellahi, R., Hassan, M., Soleimani, S.
[Effects of MHD on Cu-water nanofluid flow and heat transfer by means of CVFEM](#)
(2014) Journal of Magnetism and Magnetic Materials, 349, pp. 188-200. Cited 208 times.

96) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884666034&doi=10.1016%2fj.jmmm.2013.08.040&partnerID=40&md5=...>
DOI: 10.1016/j.jmmm.2013.08.040

Document Type: Article
Publication Stage: Final
Source: Scopus

- 97) Mahmoudi, M., Laurent, S., Shokrgozar, M.A., Hosseinkhani, M.
[Toxicity evaluations of superparamagnetic iron oxide nanoparticles: Cell "vision" versus physicochemical properties of nanoparticles](#)
(2011) ACS Nano, 5 (9), pp. 7263-7276. Cited 207 times.

97) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053333203&doi=10.1021%2fnn2021088&partnerID=40&md5=3bb215...>
DOI: 10.1021/nn2021088

Document Type: Article
Publication Stage: Final
Source: Scopus

- 98) Ashassi-Sorkhabi, H., Seifzadeh, D., Hosseini, M.G.
[EN, EIS and polarization studies to evaluate the inhibition effect of 3H-phenothiazin-3-one, 7-dimethylamin on mild steel corrosion in 1 M HCl solution](#)
(2008) Corrosion Science, 50 (12), pp. 3363-3370. Cited 206 times.

98)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-56649111198&doi=10.1016%2fj.corsci.2008.09.022&partnerID=40&md5>
DOI: 10.1016/j.corsci.2008.09.022

Document Type: Article
Publication Stage: Final
Source: Scopus

99) Rahimpour, A., Madaeni, S.S.

[Polyethersulfone \(PES\)/cellulose acetate phthalate \(CAP\) blend ultrafiltration membranes: Preparation, morphology, performance and antifouling properties](#)

(2007) Journal of Membrane Science, 305 (1-2), pp. 299-312. Cited 206 times.

99) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34848927520&doi=10.1016%2fj.memsci.2007.08.030&partnerID=40&md5>
DOI: 10.1016/j.memsci.2007.08.030

Document Type: Article
Publication Stage: Final
Source: Scopus

100) Rashidi, M.M., Vishnu Ganesh, N., Abdul Hakeem, A.K., Ganga, B.

[Buoyancy effect on MHD flow of nanofluid over a stretching sheet in the presence of thermal radiation](#)

(2014) Journal of Molecular Liquids, 198, pp. 234-238. Cited 204 times.

100) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907599353&doi=10.1016%2fj.molliq.2014.06.037&partnerID=40&md5>
DOI: 10.1016/j.molliq.2014.06.037

Document Type: Article
Publication Stage: Final
Source: Scopus

101) Ghadiri, E., Taghavinia, N., Zakeeruddin, S.M., Grätzel, M., Moser, J.-E.

[Enhanced electron collection efficiency in dye-sensitized solar cells based on nanostructured TiO₂ hollow fibers](#)

(2010) Nano Letters, 10 (5), pp. 1632-1638. Cited 203 times.

101) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952393092&doi=10.1021%2fnl904125q&partnerID=40&md5=c5c8f9e7>
DOI: 10.1021/nl904125q

Document Type: Article
Publication Stage: Final
Source: Scopus

102) Shokrieh, M.M., Lessard, L.B.

[Progressive fatigue damage modeling of composite materials, Part I: Modeling](#)

(2000) Journal of Composite Materials, 34 (13), pp. 1056-1080. Cited 203 times.

- 102) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033726373&doi=10.1106%2fNCNX-DXP1-JT6A-E49E&partnerID=40&md5=>
DOI: 10.1106/NCNX-DXP1-JT6A-E49E

Document Type: Article

Publication Stage: Final

Source: Scopus

- 103) Mahmoodi, N.M., Hayati, B., Arami, M., Lan, C.

[Adsorption of textile dyes on Pine Cone from colored wastewater: Kinetic, equilibrium and thermodynamic studies](#)

(2011) Desalination, 268 (1-3), pp. 117-125. Cited 202 times.

- 103) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650763995&doi=10.1016%2fj.desal.2010.10.007&partnerID=40&md5=>
DOI: 10.1016/j.desal.2010.10.007

Document Type: Article

Publication Stage: Final

Source: Scopus

- 104) Bahrami, M.J., Hosseini, S.M.A., Pilvar, P.

[Experimental and theoretical investigation of organic compounds as inhibitors for mild steel corrosion in sulfuric acid medium](#)

(2010) Corrosion Science, 52 (9), pp. 2793-2803. Cited 202 times.

- 104) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954087426&doi=10.1016%2fj.corsci.2010.04.024&partnerID=40&md5=>
DOI: 10.1016/j.corsci.2010.04.024

Document Type: Article

Publication Stage: Final

Source: Scopus

- 105) Vatanpour, V., Madaeni, S.S., Khataee, A.R., Salehi, E., Zinadini, S., Monfared, H.A.

[TiO₂ embedded mixed matrix PES nanocomposite membranes: Influence of different sizes and types of nanoparticles on antifouling and performance](#)

(2012) Desalination, 292, pp. 19-29. Cited 200 times.

- 105) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859432305&doi=10.1016%2fj.desal.2012.02.006&partnerID=40&md5=>
DOI: 10.1016/j.desal.2012.02.006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 106) Shafiei-Zarghani, A., Kashani-Bozorg, S.F., Zarei-Hanzaki, A.
[Microstructures and mechanical properties of Al/Al₂O₃ surface nano-composite layer produced by friction stir processing](#)

(2009) Materials Science and Engineering A, 500 (1-2), pp. 84-91. Cited 200 times.

- 106) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-56949087863&doi=10.1016%2fj.msea.2008.09.064&partnerID=40&md5=>
DOI: 10.1016/j.msea.2008.09.064

Document Type: Article

Publication Stage: Final

Source: Scopus

- 107) Ghasemi, A., Hossienpour, A., Morisako, A., Saatchi, A., Salehi, M.
[Electromagnetic properties and microwave absorbing characteristics of doped barium hexaferrite](#)

(2006) Journal of Magnetism and Magnetic Materials, 302 (2), pp. 429-435. Cited 200 times.

- 107) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645981290&doi=10.1016%2fj.jmmm.2005.10.006&partnerID=40&md5=>
DOI: 10.1016/j.jmmm.2005.10.006

Document Type: Article

Publication Stage: Final

Source: Scopus

- 108) Ansari, R., Gholami, R., Sahmani, S.
[Free vibration analysis of size-dependent functionally graded microbeams based on the strain gradient Timoshenko beam theory](#)

(2011) Composite Structures, 94 (1), pp. 221-228. Cited 199 times.

- 108) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053053059&doi=10.1016%2fj.compstruct.2011.06.024&partnerID=40&md5=>
DOI: 10.1016/j.compstruct.2011.06.024

Document Type: Article

Publication Stage: Final

Source: Scopus

- 109) Ashassi-Sorkhabi, H., Rafizadeh, S.H.
[Effect of coating time and heat treatment on structures and corrosion characteristics of electroless Ni-P alloy deposits](#)

(2003) Surface and Coatings Technology, 176 (3), pp. 318-326. Cited 198 times.

- 109) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242468349&doi=10.1016%2fS0257-8972%2803%2900746-1&partnerID=>
DOI: 10.1016/S0257-8972(03)00746-1

Document Type: Article

Publication Stage: Final

Source: Scopus

110) Hosseini, M., Mertens, S.F.L., Arshadi, M.R.

[Synergism and antagonism in mild steel corrosion inhibition by sodium dodecylbenzenesulphonate and hexamethylenetetramine](#)

(2003) Corrosion Science, 45 (7), pp. 1473-1489. Cited 198 times.

110) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037410820&doi=10.1016%2fS0010-938X%2802%2900246-9&partnerID>

DOI: 10.1016/S0010-938X(02)00246-9

Document Type: Article

Publication Stage: Final

Source: Scopus

111) Shokrieh, M.M., Rafiee, R.

[Prediction of Young's modulus of graphene sheets and carbon nanotubes using nanoscale continuum mechanics approach](#)

(2010) Materials and Design, 31 (2), pp. 790-795. Cited 197 times.

111) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350048666&doi=10.1016%2fj.matdes.2009.07.058&partnerID=40&md>

DOI: 10.1016/j.matdes.2009.07.058

Document Type: Article

Publication Stage: Final

Source: Scopus

112) Roberts, T.M., Talebzadeh, M.

[Acoustic emission monitoring of fatigue crack propagation](#)

(2003) Journal of Constructional Steel Research, 59 (6), pp. 695-712. Cited 196 times.

112) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037409203&doi=10.1016%2fS0143-974X%2802%2900064-0&partnerID>

DOI: 10.1016/S0143-974X(02)00064-0

Document Type: Article

Publication Stage: Final

Source: Scopus

113) Polini, M., Asgari, R., Borghi, G., Barlas, Y., Pereg-Barnea, T., MacDonald, A.H.

[Plasmons and the spectral function of graphene](#)

(2008) Physical Review B - Condensed Matter and Materials Physics, 77 (8), art. no. 081411, . Cited 195 times.

113) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-40949151918&doi=10.1103%2fPhysRevB.77.081411&partnerID=40&md>

DOI: 10.1103/PhysRevB.77.081411

Document Type: Article
Publication Stage: Final
Source: Scopus

114) Mazloom, M., Ramezaniapour, A.A., Brooks, J.J.

[Effect of silica fume on mechanical properties of high-strength concrete](#)

(2004) Cement and Concrete Composites, 26 (4), pp. 347-357. Cited 195 times.

114) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842575604&doi=10.1016%2fS0958-9465%2803%2900017-9&partnerID>

DOI: 10.1016/S0958-9465(03)00017-9

Document Type: Article
Publication Stage: Final
Source: Scopus

115) Mazahery, A., Abdizadeh, H., Baharvandi, H.R.

[Development of high-performance A356/nano-Al₂O₃ composites](#)

(2009) Materials Science and Engineering A, 518 (1-2), pp. 61-64. Cited 193 times.

115) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649662596&doi=10.1016%2fj.msea.2009.04.014&partnerID=40&md5>

DOI: 10.1016/j.msea.2009.04.014

Document Type: Article
Publication Stage: Final
Source: Scopus

116) Eizadjou, M., Kazemi Talachi, A., Danesh Manesh, H., Shakur Shahabi, H., Janghorban, K.

[Investigation of structure and mechanical properties of multi-layered Al/Cu composite produced by accumulative roll bonding \(ARB\) process](#)

(2008) Composites Science and Technology, 68 (9), pp. 2003-2009. Cited 188 times.

116) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-44149116700&doi=10.1016%2fj.compscitech.2008.02.029&partnerID=40>

DOI: 10.1016/j.compscitech.2008.02.029

Document Type: Article
Publication Stage: Final
Source: Scopus

117) Roohani-Esfahani, S.-I., Nouri-Khorasani, S., Lu, Z., Appleyard, R., Zreiqat, H.

[The influence hydroxyapatite nanoparticle shape and size on the properties of biphasic calcium phosphate scaffolds coated with hydroxyapatite-PCL composites](#)

(2010) Biomaterials, 31 (21), pp. 5498-5509. Cited 186 times.

117) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953028358&doi=10.1016%2fj.biomaterials.2010.03.058&partnerID=40>

DOI: 10.1016/j.biomaterials.2010.03.058

Document Type: Article

Publication Stage: Final

Source: Scopus

118) Akbari Mousavi, S.A.A., Farhadi Sartangi, P.

[Experimental investigation of explosive welding of cp-titanium/AISI 304 stainless steel](#)

(2009) Materials and Design, 30 (3), pp. 459-468. Cited 185 times.

118) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-57149083670&doi=10.1016%2fj.matdes.2008.06.016&partnerID=40&md>

DOI: 10.1016/j.matdes.2008.06.016

Document Type: Article

Publication Stage: Final

Source: Scopus

119) Hosseini, S.F., Zandi, M., Rezaei, M., Farahmandghavi, F.

[Two-step method for encapsulation of oregano essential oil in chitosan nanoparticles: Preparation, characterization and in vitro release study](#)

(2013) Carbohydrate Polymers, 95 (1), pp. 50-56. Cited 183 times.

119) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875144985&doi=10.1016%2fj.carbpol.2013.02.031&partnerID=40&md>

DOI: 10.1016/j.carbpol.2013.02.031

Document Type: Article

Publication Stage: Final

Source: Scopus

120) Reichert, J.C., Saifzadeh, S., Wullschleger, M.E., Epari, D.R., Schütz, M.A., Duda, G.N., Schell, H., van Griensven, M., Redl, H., Huttmacher, D.W.

[The challenge of establishing preclinical models for segmental bone defect research](#)

(2009) Biomaterials, 30 (12), pp. 2149-2163. Cited 183 times.

120) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-60849106318&doi=10.1016%2fj.biomaterials.2008.12.050&partnerID=40&md>

DOI: 10.1016/j.biomaterials.2008.12.050

Document Type: Article

Publication Stage: Final

Source: Scopus

121) Raoufi, D., Raoufi, T.

[The effect of heat treatment on the physical properties of sol-gel derived ZnO thin films](#)

(2009) Applied Surface Science, 255 (11), pp. 5812-5817. Cited 182 times.

121)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-60949100346&doi=10.1016%2fj.apsusc.2009.01.010&partnerID=40&md5=cf65c1>
DOI: 10.1016/j.apsusc.2009.01.010

Document Type: Article
Publication Stage: Final
Source: Scopus

122) Behfar, K., Naghdabadi, R.

[Nanoscale vibrational analysis of a multi-layered graphene sheet embedded in an elastic medium](#)

(2005) Composites Science and Technology, 65 (7-8), pp. 1159-1164. Cited 182 times.

122) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144388704&doi=10.1016%2fj.compscitech.2004.11.011&partnerID=40&md5=cf65c1>
DOI: 10.1016/j.compscitech.2004.11.011

Document Type: Article
Publication Stage: Final
Source: Scopus

123) Aboutalebi, M.R., Hasan, M., Guthrie, R.I.L.

[Coupled turbulent flow, heat, and solute transport in continuous casting processes](#)

(1995) Metallurgical and Materials Transactions B, 26 (4), pp. 731-744. Cited 181 times.

123) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029358616&doi=10.1007%2fBF02651719&partnerID=40&md5=cf65c1>
DOI: 10.1007/BF02651719

Document Type: Article
Publication Stage: Final
Source: Scopus

124) Akhavan, O., Ghaderi, E.

[Graphene nanomesh promises extremely efficient in vivo photothermal therapy](#)

(2013) Small, 9 (21), pp. 3593-3601. Cited 180 times.

124) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885673792&doi=10.1002%2fsmll.201203106&partnerID=40&md5=654>
DOI: 10.1002/smll.201203106

Document Type: Article
Publication Stage: Final
Source: Scopus

125) Khonakdar, H.A., Morshedean, J., Wagenknecht, U., Jafari, S.H.

[An investigation of chemical crosslinking effect on properties of high-density polyethylene](#)

(2003) Polymer, 44 (15), pp. 4301-4309. Cited 180 times.

125)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038269248&doi=10.1016%2fS0032-3861%2803%2900363-X&partnerID=...>
DOI: 10.1016/S0032-3861(03)00363-X

Document Type: Article
Publication Stage: Final
Source: Scopus

126) Yousefi, N., Gudarzi, M.M., Zheng, Q., Aboutalebi, S.H., Sharif, F., Kim, J.-K.

[Self-alignment and high electrical conductivity of ultralarge graphene oxide-polyurethane nanocomposites](#)

(2012) Journal of Materials Chemistry, 22 (25), pp. 12709-12717. Cited 179 times.

126) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862236957&doi=10.1039%2fc2jm30590a&partnerID=40&md5=0a8fe0...>
DOI: 10.1039/c2jm30590a

Document Type: Article
Publication Stage: Final
Source: Scopus

127) Vafaei, M., Ghamsari, M.S.

[Preparation and characterization of ZnO nanoparticles by a novel sol-gel route](#)

(2007) Materials Letters, 61 (14-15), pp. 3265-3268. Cited 179 times.

127) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247499988&doi=10.1016%2fj.matlet.2006.11.089&partnerID=40&md5=...>
DOI: 10.1016/j.matlet.2006.11.089

Document Type: Article
Publication Stage: Final
Source: Scopus

128) Jonoobi, M., Oladi, R., Davoudpour, Y., Oksman, K., Dufresne, A., Hamzeh, Y., Davoodi, R.

[Different preparation methods and properties of nanostructured cellulose from various natural resources and residues: a review](#)

(2015) Cellulose, 22 (2), pp. 935-969. Cited 178 times.

128) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925534428&doi=10.1007%2fs10570-015-0551-0&partnerID=40&md5=...>
DOI: 10.1007/s10570-015-0551-0

Document Type: Review
Publication Stage: Final
Access Type: Open Access
Source: Scopus

129) Habibnejad-Korayem, M., Mahmudi, R., Poole, W.J.

[Enhanced properties of Mg-based nano-composites reinforced with Al₂O₃ nano-particles](#)

(2009) Materials Science and Engineering A, 519 (1-2), pp. 198-203. Cited 177 times.

129) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650155071&doi=10.1016%2fj.msea.2009.05.001&partnerID=40&md5=4ac0814>
DOI: 10.1016/j.msea.2009.05.001

Document Type: Article

Publication Stage: Final

Source: Scopus

130) Akhavan, O., Choobtashani, M., Ghaderi, E.

[Protein degradation and RNA efflux of viruses photocatalyzed by graphene-tungsten oxide composite under visible light irradiation](#)

(2012) Journal of Physical Chemistry C, 116 (17), pp. 9653-9659. Cited 176 times.

130) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860520959&doi=10.1021%2fjp301707m&partnerID=40&md5=4ac0814>
DOI: 10.1021/jp301707m

Document Type: Article

Publication Stage: Final

Source: Scopus

131) Ensafi, A.A., Karimi-Maleh, H., Mallakpour, S., Hatami, M.

[Simultaneous determination of N-acetylcysteine and acetaminophen by voltammetric method using N-\(3,4-dihydroxyphenethyl\)-3,5-dinitrobenzamide modified multiwall carbon nanotubes paste electrode](#)

(2011) Sensors and Actuators, B: Chemical, 155 (2), pp. 464-472. Cited 175 times.

131) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957813422&doi=10.1016%2fj.snb.2010.12.048&partnerID=40&md5=4ac0814>
DOI: 10.1016/j.snb.2010.12.048

Document Type: Article

Publication Stage: Final

Source: Scopus

132) Kasaai, M.R.

[A review of several reported procedures to determine the degree of N-acetylation for chitin and chitosan using infrared spectroscopy](#)

(2008) Carbohydrate Polymers, 71 (4), pp. 497-508. Cited 175 times.

132) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-37149029638&doi=10.1016%2fj.carbpol.2007.07.009&partnerID=40&md5=4ac0814>
DOI: 10.1016/j.carbpol.2007.07.009

Document Type: Review

Publication Stage: Final

Source: Scopus

133) Simchi, A., Petzoldt, F., Pohl, H.

[On the development of direct metal laser sintering for rapid tooling](#)

(2003) Journal of Materials Processing Technology, 141 (3), pp. 319-328. Cited 175 times.

133) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042785192&doi=10.1016%2fS0924-0136%2803%2900283-8&partnerID>

DOI: 10.1016/S0924-0136(03)00283-8

Document Type: Article

Publication Stage: Final

Source: Scopus

134) Eatemadi, A., Daraee, H., Karimkhanloo, H., Kouhi, M., Zarghami, N., Akbarzadeh, A., Abasi, M.,

Hanifehpour, Y., Joo, S.W.

[Carbon nanotubes: Properties, synthesis, purification, and medical applications](#)

(2014) Nanoscale Research Letters, 9 (1), pp. 1-13. Cited 174 times.

134) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938564865&doi=10.1186%2f1556-276X-9-393&partnerID=40&md5=7>

DOI: 10.1186/1556-276X-9-393

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

135) Esfandiari, A., Akhavan, O., Irajizad, A.

[Melatonin as a powerful bio-antioxidant for reduction of graphene oxide](#)

(2011) Journal of Materials Chemistry, 21 (29), pp. 10907-10914. Cited 174 times.

135) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960347520&doi=10.1039%2fc1jm10151j&partnerID=40&md5=70826a>

DOI: 10.1039/c1jm10151j

Document Type: Article

Publication Stage: Final

Source: Scopus

136) Khorasani, M.T., Mirzadeh, H., Kermani, Z.

[Wettability of porous polydimethylsiloxane surface: Morphology study](#)

(2005) Applied Surface Science, 242 (3-4), pp. 339-345. Cited 174 times.

136) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-13444283687&doi=10.1016%2fj.apsusc.2004.08.035&partnerID=40&md5>

DOI: 10.1016/j.apsusc.2004.08.035

Document Type: Article
Publication Stage: Final
Source: Scopus

137) Davar, F., Fereshteh, Z., Salavati-Niasari, M.

[Nanoparticles Ni and NiO: Synthesis, characterization and magnetic properties](#)

(2009) Journal of Alloys and Compounds, 476 (1-2), pp. 797-801. Cited 173 times.

137) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-64549137072&doi=10.1016%2fj.jallcom.2008.09.121&partnerID=40&md5=>
DOI: 10.1016/j.jallcom.2008.09.121

Document Type: Article
Publication Stage: Final
Source: Scopus

138) Namazi, H., Adeli, M.

[Dendrimers of citric acid and poly \(ethylene glycol\) as the new drug-delivery agents](#)

(2005) Biomaterials, 26 (10), pp. 1175-1183. Cited 173 times.

138) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644258898&doi=10.1016%2fj.biomaterials.2004.04.014&partnerID=40&md5=>
DOI: 10.1016/j.biomaterials.2004.04.014

Document Type: Article
Publication Stage: Final
Source: Scopus

139) Sheikholeslami, M., Hatami, M., Ganji, D.D.

[Nanofluid flow and heat transfer in a rotating system in the presence of a magnetic field](#)

(2014) Journal of Molecular Liquids, 190, pp. 112-120. Cited 172 times.

139) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888091021&doi=10.1016%2fj.molliq.2013.11.002&partnerID=40&md5=>
DOI: 10.1016/j.molliq.2013.11.002

Document Type: Article
Publication Stage: Final
Source: Scopus

140) Zak, A.K., Abrishami, M.E., Majid, W.H.A., Yousefi, R., Hosseini, S.M.

[Effects of annealing temperature on some structural and optical properties of ZnO nanoparticles prepared by a modified sol-gel combustion method](#)

(2011) Ceramics International, 37 (1), pp. 393-398. Cited 172 times.

140) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649318994&doi=10.1016%2fj.ceramint.2010.08.017&partnerID=40&md5=>
DOI: 10.1016/j.ceramint.2010.08.017

Document Type: Article
Publication Stage: Final
Source: Scopus

- 141) Montazeri, A., Javadpour, J., Khavandi, A., Tcharkhtchi, A., Mohajeri, A.
[Mechanical properties of multi-walled carbon nanotube/epoxy composites](#)
(2010) Materials and Design, 31 (9), pp. 4202-4208. Cited 172 times.

141) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537685&doi=10.1016%2fj.matdes.2010.04.018&partnerID=40&md5=...>
DOI: 10.1016/j.matdes.2010.04.018

Document Type: Article
Publication Stage: Final
Source: Scopus

- 142) Vatanpour, V., Madaeni, S.S., Rajabi, L., Zinadini, S., Derakhshan, A.A.
[Boehmite nanoparticles as a new nanofiller for preparation of antifouling mixed matrix membranes](#)
(2012) Journal of Membrane Science, 401-402, pp. 132-143. Cited 171 times.

142) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858440017&doi=10.1016%2fj.memsci.2012.01.040&partnerID=40&md5=...>
DOI: 10.1016/j.memsci.2012.01.040

Document Type: Article
Publication Stage: Final
Source: Scopus

- 143) Sakhaee-Pour, A.
[Elastic properties of single-layered graphene sheet](#)
(2009) Solid State Communications, 149 (1-2), pp. 91-95. Cited 171 times.

143) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-56349086956&doi=10.1016%2fj.ssc.2008.09.050&partnerID=40&md5=...>
DOI: 10.1016/j.ssc.2008.09.050

Document Type: Article
Publication Stage: Final
Source: Scopus

- 144) Kabiri, K., Omidian, H., Zohuriaan-Mehr, M.J., Doroudiani, S.
[Superabsorbent hydrogel composites and nanocomposites: A review](#)
(2011) Polymer Composites, 32 (2), pp. 277-289. Cited 170 times.

144) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651456921&doi=10.1002%2fpc.21046&partnerID=40&md5=298e36dc...>
DOI: 10.1002/pc.21046

Document Type: Review

Publication Stage: Final

Source: Scopus

145) Jomehzadeh, E., Noori, H.R., Saidi, A.R.

[The size-dependent vibration analysis of micro-plates based on a modified couple stress theory](#)

(2011) Physica E: Low-Dimensional Systems and Nanostructures, 43 (4), pp. 877-883. Cited 169

times.

145) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551542022&doi=10.1016%2fj.physe.2010.11.005&partnerID=40&md5=>

DOI: 10.1016/j.physe.2010.11.005

Document Type: Article

Publication Stage: Final

Source: Scopus

146) Shahmiri, M.R., Bahari, A., Karimi-Maleh, H., Hosseinzadeh, R., Mirnia, N.

[Ethynylferrocene-NiO/MWCNT nanocomposite modified carbon paste electrode as a novel voltammetric sensor for simultaneous determination of glutathione and acetaminophen](#)

(2013) Sensors and Actuators, B: Chemical, 177, pp. 70-77. Cited 168 times.

146) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871892683&doi=10.1016%2fj.snb.2012.10.098&partnerID=40&md5=b>

DOI: 10.1016/j.snb.2012.10.098

Document Type: Article

Publication Stage: Final

Source: Scopus

147) Fathizadeh, M., Aroujalian, A., Raisi, A.

[Effect of added NaX nano-zeolite into polyamide as a top thin layer of membrane on water flux and salt rejection in a reverse osmosis process](#)

(2011) Journal of Membrane Science, 375 (1-2), pp. 88-95. Cited 168 times.

147) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955869022&doi=10.1016%2fj.memsci.2011.03.017&partnerID=40&md5=>

DOI: 10.1016/j.memsci.2011.03.017

Document Type: Article

Publication Stage: Final

Source: Scopus

148) Goudarzi, A., Aval, G.M., Sahraei, R., Ahmadpoor, H.

[Ammonia-free chemical bath deposition of nanocrystalline ZnS thin film buffer layer for solar cells](#)

(2008) Thin Solid Films, 516 (15), pp. 4953-4957. Cited 168 times.

148)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-42649109081&doi=10.1016%2fj.tsf.2007.09.051&partnerID=40&md5=a7>
DOI: 10.1016/j.tsf.2007.09.051

Document Type: Article
Publication Stage: Final
Source: Scopus

149) Mahshid, S., Askari, M., Ghamsari, M.S.

[Synthesis of TiO₂ nanoparticles by hydrolysis and peptization of titanium isopropoxide solution](#)

(2007) Journal of Materials Processing Technology, 189 (1-3), pp. 296-300. Cited 168 times.

149) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34047254664&doi=10.1016%2fj.jmatprotec.2007.01.040&partnerID=40&md5=>
DOI: 10.1016/j.jmatprotec.2007.01.040

Document Type: Article
Publication Stage: Final
Source: Scopus

150) Fathi, M.H., Hanifi, A.

[Evaluation and characterization of nanostructure hydroxyapatite powder prepared by simple sol-gel method](#)

(2007) Materials Letters, 61 (18), pp. 3978-3983. Cited 168 times.

150) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250613041&doi=10.1016%2fj.matlet.2007.01.028&partnerID=40&md5=>
DOI: 10.1016/j.matlet.2007.01.028

Document Type: Article
Publication Stage: Final
Source: Scopus

151) Tavana, T., Khalilzadeh, M.A., Karimi-Maleh, H., Ensafi, A.A., Beitollahi, H., Zareyee, D.

[Sensitive voltammetric determination of epinephrine in the presence of acetaminophen at a novel ionic liquid modified carbon nanotubes paste electrode](#)

(2012) Journal of Molecular Liquids, 168, pp. 69-74. Cited 167 times.

151) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858698734&doi=10.1016%2fj.molliq.2012.01.009&partnerID=40&md5=>
DOI: 10.1016/j.molliq.2012.01.009

Document Type: Article
Publication Stage: Final
Source: Scopus

152) Samadzadeh, M., Boura, S.H., Peikari, M., Kasiriha, S.M., Ashrafi, A.

[A review on self-healing coatings based on micro/nanocapsules](#)

(2010) Progress in Organic Coatings, 68 (3), pp. 159-164. Cited 166 times.

- 152) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953232537&doi=10.1016%2fj.porgcoat.2010.01.006&partnerID=40&md5=40&md5=40>
DOI: 10.1016/j.porgcoat.2010.01.006

Document Type: Review
Publication Stage: Final
Source: Scopus

- 153) Sheikholeslami, M., Rashidi, M.M., Hayat, T., Ganji, D.D.
[Free convection of magnetic nanofluid considering MFD viscosity effect](#)
(2016) Journal of Molecular Liquids, 218, pp. 393-399. Cited 165 times.

- 153) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961665564&doi=10.1016%2fj.molliq.2016.02.093&partnerID=40&md5=40&md5=40>
DOI: 10.1016/j.molliq.2016.02.093

Document Type: Article
Publication Stage: Final
Source: Scopus

- 154) Mali, A., Ataie, A.
[Structural characterization of nano-crystalline BaFe₁₂O₁₉ powders synthesized by sol-gel combustion route](#)
(2005) Scripta Materialia, 53 (9), pp. 1065-1070. Cited 165 times.

- 154) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844454243&doi=10.1016%2fj.scriptamat.2005.06.037&partnerID=40&md5=40&md5=40>
DOI: 10.1016/j.scriptamat.2005.06.037

Document Type: Article
Publication Stage: Final
Source: Scopus

- 155) Valizadeh, A., Mikaeili, H., Samiei, M., Farkhani, S.M., Zarghami, N., Kouhi, M., Akbarzadeh, A., Davaran, S.
[Quantum dots: Synthesis, bioapplications, and toxicity](#)
(2012) Nanoscale Research Letters, 7, art. no. 480, . Cited 164 times.

- 155) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866073875&doi=10.1186%2f1556-276X-7-480&partnerID=40&md5=40&md5=40>
DOI: 10.1186/1556-276X-7-480

Document Type: Review
Publication Stage: Final
Access Type: Open Access
Source: Scopus

156) Mahmoudi, M., Simchi, A., Imani, M., Milani, A.S., Stroeve, P.

[Optimal design and characterization of superparamagnetic iron oxide nanoparticles coated with polyvinyl alcohol for targeted delivery and imaging](#)

(2008) Journal of Physical Chemistry B, 112 (46), pp. 14470-14481. Cited 164 times.

156) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-57249091478&doi=10.1021%2fjp803016n&partnerID=40&md5=bbff8913>

DOI: 10.1021/jp803016n

Document Type: Article

Publication Stage: Final

Source: Scopus

157) Sheikholeslami, M., Ellahi, R., Ashorynejad, H.R., Domairry, G., Hayat, T.

[Effects of heat transfer in flow of nanofluids over a permeable stretching wall in a porous medium](#)

(2014) Journal of Computational and Theoretical Nanoscience, 11 (2), pp. 486-496. Cited 163 times.

157) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892401631&doi=10.1166%2fjctn.2014.3384&partnerID=40&md5=e573>

DOI: 10.1166/jctn.2014.3384

Document Type: Article

Publication Stage: Final

Source: Scopus

158) Jabbari, E., Nozari, S.

[Swelling behavior of acrylic acid hydrogels prepared by \$\gamma\$ -radiation crosslinking of polyacrylic acid in aqueous solution](#)

(2000) European Polymer Journal, 36 (12), pp. 2685-2692. Cited 163 times.

158) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033675777&doi=10.1016%2fS0014-3057%2800%2900044-6&partnerID>

DOI: 10.1016/S0014-3057(00)00044-6

Document Type: Article

Publication Stage: Final

Source: Scopus

159) Kaveh, A., Mahdavi, V.R.

[Colliding bodies optimization: A novel meta-heuristic method](#)

(2014) Computers and Structures, 139, pp. 18-27. Cited 162 times.

159) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900440129&doi=10.1016%2fj.compstruc.2014.04.005&partnerID=40&>

DOI: 10.1016/j.compstruc.2014.04.005

Document Type: Article

Publication Stage: Final

Source: Scopus

160) Mahmoudi, M., Serpooshan, V.

[Silver-coated engineered magnetic nanoparticles are promising for the success in the fight against antibacterial resistance threat](#)

(2012) ACS Nano, 6 (3), pp. 2656-2664. Cited 162 times.

160) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859152270&doi=10.1021%2fnn300042m&partnerID=40&md5=17a403>

DOI: 10.1021/nn300042m

Document Type: Article

Publication Stage: Final

Source: Scopus

161) Shahverdi, H.R., Ghomashchi, M.R., Shabestari, S., Hejazi, J.

[Microstructural analysis of interfacial reaction between molten aluminium and solid iron](#)

(2002) Journal of Materials Processing Technology, 124 (3), pp. 345-352. Cited 162 times.

161) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037142637&doi=10.1016%2fS0924-0136%2802%2900225-X&partnerID>

DOI: 10.1016/S0924-0136(02)00225-X

Document Type: Article

Publication Stage: Final

Source: Scopus