

Seyed Khatiboleslam Sadrnezhad

List of Publications by Year in descending order

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204
papers

5,407
citations

81743

39
h-index

123241

61
g-index

206
all docs

206
docs citations

206
times ranked

6153
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomistic study of the effect of crystallographic orientation on the twinning and detwinning behavior of NiTi shape memory alloys. <i>Computational Materials Science</i> , 2022, 203, 111080.	1.4	6
2	Simple SPR-based colorimetric sensor to differentiate Mg ²⁺ and Ca ²⁺ in aqueous solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120692.	2.0	11
3	Laser Welding of Titanium Grade 2 and Aluminium AA 3105-O Using a New AlScZr Filler Metal. <i>Lasers in Manufacturing and Materials Processing</i> , 2022, 9, 37-55.	1.2	2
4	The Characteristics of Nitinol in Spinal Implant Manufacturing. <i>Journal of Clinical Research in Paramedical Sciences</i> , 2022, 10, .	0.1	0
5	Finite and Boundary Element Methods for Simulating Optical Properties of Plasmonic Nanostructures. <i>Plasmonics</i> , 2022, 17, 1095-1106.	1.8	6
6	Bioinspired TiO ₂ /chitosan/HA coatings on Ti surfaces: biomedical improvement by intermediate hierarchical films. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 035007.	1.7	11
7	A two step Microwave-assisted coke resistant mesoporous Ni-Co catalyst for methane steam reforming. <i>Fuel</i> , 2022, 317, 122411.	3.4	10
8	SPR-based assay kit for rapid determination of Pb ²⁺ . <i>Analytica Chimica Acta</i> , 2022, 1220, 340030.	2.6	11
9	Computational electromagnetics in plasmonic nanostructures. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9791-9819.	2.7	24
10	The prominent role of fully-controlled surface co-modification procedure using titanium nanotubes and silk fibroin nanofibers in the performance enhancement of Ti6Al4V implants. <i>Surface and Coatings Technology</i> , 2021, 412, 127001.	2.2	12
11	Magnetic stirring assisted hydrothermal synthesis of Na ₃ MnCO ₃ PO ₄ cathode material for sodium-ion battery. <i>Ceramics International</i> , 2021, 47, 26929-26934.	2.3	9
12	Fabrication of novel poly(N-vinylcaprolactam)-coated UiO-66-NH ₂ metal organic framework nanocarrier for the controlled release of doxorubicin against A549 lung cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102881.	1.4	11
13	Laser textured novel patterns on Ti6Al4V alloy for dental implants surface improvement. <i>Journal of Laser Applications</i> , 2021, 33, .	0.8	2
14	Thin TiO ₂ Nanocoating of Porous Titanium through Radio Frequency Magnetron Sputtering to Improve the Biological Response of Orthopedic Implants. <i>Journal of Clinical Research in Paramedical Sciences</i> , 2021, 10, .	0.1	0
15	Gold@Silver@Gold Core Double-Shell Nanoparticles: Synthesis and Aggregation-Enhanced Two-Photon Photoluminescence Evaluation. <i>Plasmonics</i> , 2020, 15, 409-416.	1.8	7
16	Porous shape memory dental implant by reactive sintering of TiH ₂ -Ni-Urea mixture. <i>Materials Science and Engineering C</i> , 2020, 107, 110213.	3.8	8
17	Ring-like laser spot welding of Ti grade2 to AA13105-O using AlSiMg filler metal. <i>Optik</i> , 2020, 206, 163630.	1.4	5
18	One-pot microwave synthesis of hierarchical C-doped CuO dandelions/g-C ₃ N ₄ nanocomposite with enhanced photostability for photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2020, 530, 147271.	3.1	46

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19	A Novel Method to Fabricate Hierarchical Copper Oxide Photoelectrode and Its Application for Photoelectrochemical Water Splitting. ECS Transactions, 2020, 97, 845-856.	0.3	10
20	Combustion synthesis of g-C ₃ N ₄ /Fe ₂ O ₃ nanocomposite for superior photoelectrochemical catalytic performance. Applied Surface Science, 2020, 534, 147563.	3.1	43
21	Anionic and cationic pollutants degradation via TiO ₂ nanoleafed nanorods. Solid State Sciences, 2020, 105, 106263.	1.5	2
22	Magnetic hyperthermia behaviour of Co and reduced GO nanocomposites. Micro and Nano Letters, 2020, 15, 239-244.	0.6	7
23	Biphasic TiO ₂ nanoleafed nanorod electrode for dye-sensitized solar cell. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 123, 114206.	1.3	5
24	Geometrical optimization for silver nanowire mesh as a flexible transparent conductive electrode. Applied Optics, 2020, 59, 3073.	0.9	0
25	Efficient light harvesting in perovskite layer via three-dimensional TiO ₂ nanobranched nanorod scaffold. Nano Express, 2020, 1, 030017.	1.2	1
26	Kinetics of Sulfur Removal from Tehran Vehicular Gasoline by g-C ₃ N ₄ /SnO ₂ Nanocomposite. ACS Omega, 2019, 4, 13180-13188.	1.6	11
27	Novel hot milling approach for the synthesis of fine PbZr _{0.95} Ti _{0.05} O ₃ powders. Ceramics International, 2019, 45, 24176-24181.	2.3	0
28	Molecular dynamics simulation of plastic deformation and interfacial delamination of NiTi/Ag bilayer by cyclic-nanoindentation: Effects of crystallographic orientation of substrate. Computational Materials Science, 2019, 168, 229-245.	1.4	9
29	Effects of lithium excess and Ni content on the electrochemical performance of Li _{1+x} (Ni _{0.45} ~xMn _{0.4} Co _{0.15})O ₂ lithium-ion cathode materials in stoichiometric state. Materials Research Express, 2019, 6, 085522.	0.8	4
30	Photocatalytic activity of rutile/anatase TiO ₂ nanorod/nanobranched thin film loaded with Au@Ag@Au core double shell nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 380, 111843.	2.0	7
31	Improving the multi-step fabrication approach of copper nanofiber networks based transparent electrode for achieving superb conductivity and transparency. Materials Research Express, 2019, 6, 095098.	0.8	7
32	Electrophoretic encapsulation for slow release of vancomycin from perpendicular TiO ₂ nanotubes grown on Ti ₆ Al ₄ V electrodes. Materials Research Express, 2019, 6, 125424.	0.8	11
33	Fabrication of a Highly Flexible and Affordable Transparent Electrode By Aligned U-Shaped Copper Nanowires Using a New Electrospinning Collector with Convenient Transferability. ACS Omega, 2019, 4, 21260-21266.	1.6	8
34	Hierarchical rutile/anatase TiO ₂ nanorod/nanoflower thin film: Synthesis and characterizations. Materials Science in Semiconductor Processing, 2019, 93, 252-259.	1.9	18
35	Microstructure and thermodynamic investigation of Ni Ti system produced by mechanical alloying. Physica B: Condensed Matter, 2019, 552, 214-220.	1.3	11
36	Pulsed Nd: YAG Laser Dissimilar Welding of Ti/Al ₃ 105 Alloys. Scientia Iranica, 2019, .	0.3	1

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37	Cyclic oxidation characteristics of HVOF thermal-sprayed NiCoCrAlY and CoNiCrAlY coatings at 1000°C. Journal of Alloys and Compounds, 2018, 746, 509-519.	2.8	32
38	Novel microwave-assisted synthesis of porous g-C ₃ N ₄ /SnO ₂ nanocomposite for solar water-splitting. Applied Surface Science, 2018, 440, 153-161.	3.1	67
39	Generation of NiTi nanoparticles via high voltage spark discharge in inert gas. AIP Conference Proceedings, 2018, , .	0.3	2
40	An investigation of crystallization kinetics of the Na ₃ MnCO ₃ PO ₄ cathode material, synthesized by the hydrothermal method. Materials Chemistry and Physics, 2018, 214, 73-79.	2.0	12
41	Evaluation and Selection of Optimal Oxygen/Fuel Ratio for Best Mechanical Properties, Oxidation Resistance and Microstructure of HVOF NiCoCrAlY Coatings Using AHP-VIKOR Method. Oxidation of Metals, 2018, 89, 429-451.	1.0	6
42	Synthesis and characterization of supportless Ni-Pd-CNT nanocatalyst for hydrogen production via steam reforming of methane. International Journal of Hydrogen Energy, 2018, 43, 1319-1336.	3.8	13
43	Mechanism of Nanostructured Fluorapatite Formation from CaO, CaF ₂ and P ₂ O ₅ Precursors by Mechanochemical Synthesis. Progress in Reaction Kinetics and Mechanism, 2018, 43, 201-210.	1.1	1
44	Nanostructural study of NiTi-TiO ₂ -C core-shell nanoparticles generated by spark discharge method. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	7
45	What is the copper thin film thickness effect on thermal properties of NiTi/Cu bi-layer?. Materials Research Express, 2017, 4, 026501.	0.8	0
46	MCDM selection of pulse parameters for best tribological performance of Cr-Al ₂ O ₃ nano-composite co-deposited from trivalent chromium bath. Journal of Alloys and Compounds, 2017, 727, 286-296.	2.8	12
47	Hot corrosion behavior and near-surface microstructure of a low-temperature high-activity Cr-aluminide-coating on inconel 738LC exposed to Na ₂ SO ₄ , Na ₂ SO ₄ + V ₂ O ₅ and Na ₂ SO ₄ + V ₂ O ₅ + NaCl at 900 °C. Corrosion Science, 2017, 128, 42-53.	3.0	39
48	Breakage Mechanism of Mg During Ball Milling with NaCl, KCl and Urea for Nanopowder Production. Transactions of the Indian Institute of Metals, 2017, 70, 1783-1793.	0.7	5
49	Comparison of Isothermal with Cyclic Oxidation Behavior of Cr-Aluminide-Coating on Inconel 738LC at 900°C. Oxidation of Metals, 2017, 87, 57-74.	1.0	10
50	Effect of Cu ²⁺ ion on Biological Performance of Nanostructured Fluorapatite Doped with Copper. Scientia Iranica, 2017, .	0.3	0
51	Comparison of the mechanical properties of NiTi/Cu bilayer by nanoindentation and tensile test: molecular dynamics simulation. Materials Research Express, 2016, 3, 126504.	0.8	5
52	In-situ hydrothermal synthesis of Na ₃ MnCO ₃ PO ₄ /rGO hybrid as a cathode for Na-ion battery. Electrochimica Acta, 2016, 208, 188-194.	2.6	36
53	Effect of Post Weld Heat Treatment on Mechanical and Corrosion Behaviors of NiTi and Stainless Steel Laser-Welded Wires. Journal of Materials Engineering and Performance, 2016, 25, 2395-2402.	1.2	13
54	Fabrication mechanism of nanostructured HA/TNTs biomedical coatings: an improvement in nanomechanical and in vitro biological responses. Journal of Materials Science: Materials in Medicine, 2016, 27, 150.	1.7	6

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55	Ball mill assisted synthesis of Na ₃ MnCO ₃ PO ₄ nanoparticles anchored on reduced graphene oxide for sodium ion battery cathodes. <i>Electrochimica Acta</i> , 2016, 220, 683-689.	2.6	35
56	Improvement in TiO ₂ photocatalytic performance by ZrO ₂ nanocompositing and immobilizing. <i>Desalination and Water Treatment</i> , 2016, 57, 28450-28459.	1.0	13
57	Synthesis and characterization of chitosan coating of NiFe ₂ O ₄ nanoparticles for biomedical applications. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 2069-2076.	1.2	16
58	Photocatalytic degradation of methyl orange and cyanide by using TiO ₂ /CuO composite. <i>Desalination and Water Treatment</i> , 2016, 57, 22029-22038.	1.0	51
59	Investigation of photocatalytic performance of TiO ₂ network and fiber geometries. <i>Desalination and Water Treatment</i> , 2016, 57, 23644-23650.	1.0	8
60	Hydroxyapatite based and anodic Titania nanotube biocomposite coatings: Fabrication, characterization and electrochemical behavior. <i>Surface and Coatings Technology</i> , 2016, 287, 67-75.	2.2	59
61	A novel method for production of foamy core@compact shell Ti ₆ Al ₄ V bone-like composite. <i>Journal of Alloys and Compounds</i> , 2016, 656, 416-422.	2.8	16
62	Photocatalytic Activity of Immobilized Geometries of TiO ₂ . <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 2757-2763.	1.2	10
63	Curcumin-reduced graphene oxide sheets and their effects on human breast cancer cells. <i>Materials Science and Engineering C</i> , 2015, 55, 482-489.	3.8	122
64	Generation and collapse of bubbles in lead silicate glass. <i>Glass Physics and Chemistry</i> , 2015, 41, 307-315.	0.2	1
65	Enhanced corrosion resistance of porous NiTi with plasma sprayed alumina coating. <i>Corrosion Engineering Science and Technology</i> , 2015, 50, 595-600.	0.7	9
66	Influence of Substrate, Additives, and Pulse Parameters on Electrodeposition of Gold Nanoparticles from Potassium Dicyanoaurate. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015, 46, 2584-2592.	1.0	3
67	Pulsed Electrodeposition of Gold Nanoparticles on Fluorine-Doped Tin Oxide Glass and Absorption-Based Surface Plasmon Resonance Evaluation. <i>Journal of Nano Research</i> , 2015, 33, 11-26.	0.8	3
68	Microstructure, Cyclic Deformation and Corrosion Behavior of Laser Welded NiTi Shape Memory Wires. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 3356-3364.	1.2	14
69	The Influence of Surface Nanocrystallization Induced by Shot Peening on Corrosion Behavior of NiTi Alloy. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 3093-3099.	1.2	17
70	Enhanced dye loading-light harvesting TiO ₂ photoanode with screen printed nanorod-nanoparticles assembly for highly efficient solar cell. <i>Electrochimica Acta</i> , 2015, 169, 395-401.	2.6	33
71	Thermodynamics of vanadium (V) solvent extraction by mixture of D2EHPA and TBP. <i>International Journal of Mineral Processing</i> , 2015, 138, 49-54.	2.6	55
72	Facile synthesis of monodisperse thermally immiscible Ag-Ni alloy nanoparticles at room temperature. <i>Bulletin of Materials Science</i> , 2014, 37, 1447-1452.	0.8	8

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73	Electroplating and characterization of Cr ³⁺ /Al ₂ O ₃ nanocomposite film from a trivalent chromium bath. <i>Anti-Corrosion Methods and Materials</i> , 2014, 61, 205-214.	0.6	14
74	Flower-like boehmite nanostructure formation in two-steps. <i>Journal of Coordination Chemistry</i> , 2014, 67, 555-562.	0.8	11
75	Development and biomedical application of nanocomposites: <i>in situ</i> fabrication of ZnO/PbO nanocomposite through microwave method. <i>Materials Technology</i> , 2014, 29, 227-231.	1.5	16
76	Growth and microstructural investigation of multiwall carbon nanotubes fabricated using electrodeposited nickel nanodeposits and chemical vapor deposition method. <i>Journal of Molecular Structure</i> , 2014, 1074, 250-254.	1.8	14
77	Manufacturing Wear-Resistant 10Ce-TZP/Al ₂ O ₃ Nanoparticle Aluminum Composite by Powder Metallurgy Processing. <i>Materials and Manufacturing Processes</i> , 2014, 29, 1237-1244.	2.7	49
78	Simulation of Bioleaching Heat Effects for Enhancement of Copper Recovery from Sarcheshmeh Chalcopyrite. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 1204-1212.	1.0	2
79	Effects of design parameters and temperature on superelastic behaviour of Nitinol stent for application in biliary duct: finite element analysis. <i>Materials Technology</i> , 2014, 29, 65-75.	1.5	2
80	Impedance Analysis of Growth and Morphology of Electropolymerized Polypyrrole Nanocomposites. <i>Journal of New Materials for Electrochemical Systems</i> , 2014, 17, 129-132.	0.3	4
81	Kinetics and reaction mechanism of isothermal oxidation of Iranian ilmenite concentrate powder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 781-789.	2.0	25
82	Microstructure and Mechanical Property Change During FSW and GTAW of Al6061 Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 2187-2195.	1.1	16
83	Effects of Crimping on Mechanical Performance of Nitinol Stent Designed for Femoral Artery: Finite Element Analysis. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 3228-3236.	1.2	6
84	Hydroxyapatite nanocomposites: Synthesis, sintering and mechanical properties. <i>Ceramics International</i> , 2013, 39, 2197-2206.	2.3	112
85	Laser welding of NiTi shape memory alloy: Comparison of the similar and dissimilar joints to AISI 304 stainless steel. <i>Optics and Laser Technology</i> , 2013, 54, 151-158.	2.2	84
86	Single and double stage sintering of mechanically alloyed powder for nanostructured Ti6Al4V foams usable in cancellous scaffolds. <i>International Heat Treatment and Surface Engineering</i> , 2013, 7, 43-48.	0.2	1
87	Finite element analysis of mechanical performance of nitinol biliary stent: effect of material properties. <i>Materials Research Innovations</i> , 2013, 17, s53-s59.	1.0	3
88	CONTROL OF PARTICLE SIZE AND MORPHOLOGY OF COBALT-FERRITE NANOPARTICLES BY SALT-MATRIX DURING ANNEALING. <i>International Journal of Modern Physics Conference Series</i> , 2012, 05, 177-181.	0.7	0
89	Effects of Ion-Exchange and Hydrolysis Mechanisms on Lead Silicate Glass Corrosion. <i>Corrosion</i> , 2012, 68, 793-800.	0.5	9
90	Influence of pulse parameters on electrocodeposition of Cr ³⁺ /Al ₂ O ₃ nanocomposite coatings from trivalent chromium bath. <i>International Heat Treatment and Surface Engineering</i> , 2012, 6, 178-184.	0.2	12

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91	Nanocrystalline copper doped zinc oxide produced from copper doped zinc hydroxide nitrate as a layered precursor. <i>Advanced Powder Technology</i> , 2012, 23, 279-283.	2.0	14
92	Closed-cell Al alloy composite foams: Production and characterization. <i>Materials & Design</i> , 2012, 42, 8-12.	5.1	33
93	Magnesium nanopowder for hydrogen absorption and ammonium perchlorate decomposition. <i>Materials Letters</i> , 2012, 85, 128-131.	1.3	5
94	An investigation on the influence of milling time and calcination temperature on the characterization of nano cerium oxide powder synthesized by mechanochemical route. <i>Materials Research Bulletin</i> , 2012, 47, 3586-3591.	2.7	6
95	Property change during nanosecond pulse laser annealing of amorphous NiTi thin film. <i>Bulletin of Materials Science</i> , 2012, 35, 357-364.	0.8	5
96	Effects of material properties on mechanical performance of Nitinol stent designed for femoral artery: Finite element analysis. <i>Scientia Iranica</i> , 2012, 19, 1564-1571.	0.3	39
97	Fabrication of biocompatible titanium scaffolds using space holder technique. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2483-2488.	1.7	35
98	Fabrication of porous NiTi alloy via powder metallurgy and its mechanical characterization by shear punch method. <i>Russian Journal of Non-Ferrous Metals</i> , 2012, 53, 169-175.	0.2	14
99	Effect of high energy ball milling on compressibility and sintering behavior of alumina nanoparticles. <i>Ceramics International</i> , 2012, 38, 2627-2632.	2.3	28
100	Kinetics of pressure oxidative leaching of molybdenite concentrate by nitric acid. <i>Hydrometallurgy</i> , 2012, 111-112, 52-57.	1.8	47
101	Effect of welding parameters on microstructure, mechanical properties and hot cracking phenomenon in Udimet 520 superalloy. <i>Materials & Design</i> , 2012, 36, 94-99.	5.1	19
102	Corrosion behavior of aluminum 6061 alloy joined by friction stir welding and gas tungsten arc welding methods. <i>Materials & Design</i> , 2012, 39, 329-333.	5.1	102
103	Effects of initial precursor and microwave irradiation on step-by-step synthesis of zinc oxide nano-architectures. <i>Materials Letters</i> , 2012, 67, 342-345.	1.3	32
104	Separation of Re and Mo from roasting-dust leach-liquor using solvent extraction technique by TBP. <i>Separation and Purification Technology</i> , 2012, 86, 143-148.	3.9	46
105	Pore control in SMA NiTi scaffolds via space holder usage. <i>Materials Science and Engineering C</i> , 2012, 32, 1266-1270.	3.8	26
106	Effects of morphology on photocatalytic performance of Zinc oxide nanostructures synthesized by rapid microwave irradiation methods. <i>Superlattices and Microstructures</i> , 2012, 51, 512-522.	1.4	155
107	Synthesis of wide band gap nanocrystalline NiO powder via a sonochemical method. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 841-845.	3.8	146
108	Zinc-stearate-layered hydroxide nanohybrid material as a precursor to produce carbon nanoparticles. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2441-2444.	2.8	7

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109	Electrochemical synthesis of doped TNT as a nano photocatalyst for color degradation applications. Desalination and Water Treatment, 2011, 28, 23-27.	1.0	0
110	Hydrothermal Preparation of TiO ₂ -ZnO Nano Core-Shell Structure with Quantum Size Effect. , 2011, , .		3
111	End-closed NiCoFe-B nanotube arrays by electroless method. Materials Letters, 2011, 65, 289-292.	1.3	24
112	Micro arc oxidation of nano-crystalline Ag-doped TiO ₂ semiconductors. Materials Letters, 2011, 65, 840-842.	1.3	20
113	Preparation of nanostructured high-temperature TZM alloy by mechanical alloying and sintering. International Journal of Refractory Metals and Hard Materials, 2011, 29, 141-145.	1.7	53
114	Gelâ€sol synthesis and aging effect on highly crystalline anatase nanopowder. Bulletin of Materials Science, 2011, 34, 1189-1195.	0.8	24
115	Nanotechnology in the public eye: the case of Iran, as a developing country. Journal of Nanoparticle Research, 2011, 13, 3511-3519.	0.8	29
116	Electrochemical evaluation of nanocrystalline Zn-doped tin oxides as anodes for lithium ion microbatteries. Journal of Power Sources, 2011, 196, 399-404.	4.0	48
117	Fe ₅₀ Co ₅₀ nanoparticles via self-propagating high-temperature synthesis during milling. Powder Technology, 2011, 208, 623-627.	2.1	11
118	Corrosion behavior of polypyrrole/hydroxyapatite nanocomposite thin films electropolymerized on NiTi substrates in simulated body fluid. Materials and Corrosion - Werkstoffe Und Korrosion, 2011, 62, 252-257.	0.8	19
119	Fabrication of aluminum nitride coatings by electrophoretic deposition: Effect of particle size on deposition and drying behavior. Ceramics International, 2011, 37, 313-319.	2.3	24
120	Hydrothermal synthesis and characterization of TiO ₂ nanostructures using LiOH as a solvent. Advanced Powder Technology, 2011, 22, 336-339.	2.0	16
121	Corrosion behavior of ZrO ₂ â€SiO ₂ â€Al ₂ O ₃ refractories in lead silicate glass melts. Journal of the European Ceramic Society, 2011, 31, 715-721.	2.8	14
122	Large pore volume mesoporous copper particles and scaffold microporous carbon material obtained from an inorganicâ€organic nanohybrid material, copper-succinate-layered hydroxide. Journal of Colloid and Interface Science, 2011, 362, 89-93.	5.0	8
123	Densification Behavior and Mechanical Properties of Biomimetic Apatite Nanocrystals. Current Nanoscience, 2011, 7, 776-780.	0.7	13
124	Effect of high energy ball milling on compressibility of nanostructured composite powder. Powder Metallurgy, 2011, 54, 24-29.	0.9	19
125	The Effect of Microstructure on the Photocatalytic Properties of TiO ₂ . Advanced Materials Research, 2011, 264-265, 1340-1345.	0.3	2
126	Neural network prediction of mechanical properties of porous NiTi shape memory alloy. Powder Metallurgy, 2011, 54, 450-454.	0.9	12

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127	EFFECT OF Si ANTIOXIDANT ON THE RATE OF OXIDATION OF CARBON IN MgOâ€“C REFRACTORY. International Journal of Engineering, Transactions B: Applications, 2011, 24, 357-376.	0.6	5
128	Photocatalytic decoloration of Acid Red 27 in presence of SnO ₂ nanoparticles. Water Science and Technology, 2010, 62, 1256-1264.	1.2	9
129	Self-assembly of boehmite nanopetals to form 3D high surface area nanoarchitectures. Applied Physics A: Materials Science and Processing, 2010, 99, 317-321.	1.1	35
130	In vitro bioactivity of novel cured ionomer cement based on iron oxide. Ceramics International, 2010, 36, 1645-1651.	2.3	13
131	The seeding effect on the microstructure and photocatalytic properties of ZnO nano powders. Materials Letters, 2010, 64, 1935-1938.	1.3	21
132	Wâ€“15wt%Cu nano-composite produced by hydrogen-reduction/sintering of WO ₃ â€“CuO nano-powder. International Journal of Refractory Metals and Hard Materials, 2010, 28, 441-445.	1.7	27
133	Morphology and magnetic properties of FeCo nanocrystalline powder produced by modified mechanochemical procedure. Journal of Magnetism and Magnetic Materials, 2010, 322, 3551-3554.	1.0	17
134	Stabilization of nanostructured materials using fine inert ceramic particles. Ceramics International, 2010, 36, 793-796.	2.3	9
135	Effects of annealing on phase evolution, microstructure and magnetic properties of mechanically synthesized nickel-ferrite. Ceramics International, 2010, 36, 2241-2245.	2.3	40
136	Electrochemical synthesis of flake-like Fe/MWCNTs nanocomposite for hydrogen evolution reaction: Effect of the CNTs on dendrite growth of iron and its electrocatalytic activity. Current Applied Physics, 2010, 10, 72-76.	1.1	22
137	Processing and surface properties of Alâ€“AlN composites produced from nanostructured milled powders. Journal of Alloys and Compounds, 2010, 490, 624-630.	2.8	25
138	Reverse precipitation synthesis and characterization of CeO ₂ nanopowder. Journal of Alloys and Compounds, 2010, 491, 499-502.	2.8	97
139	Microwave-assisted synthesis of narciss-like zinc oxide nanostructures. Journal of Alloys and Compounds, 2010, 497, 325-329.	2.8	60
140	CVD fabrication of carbon nanotubes on electrodeposited flower-like Fe nanostructures. Journal of Alloys and Compounds, 2010, 507, 494-497.	2.8	21
141	PHASE INVERSION PREPARATION AND MORPHOLOGICAL STUDY OF POLYVINYLIDENE FLUORIDE ULTRAFILTRATION MEMBRANE MODIFIED BY NANO-SIZED ALUMINA. Functional Materials Letters, 2009, 02, 113-119.	0.7	7
142	Self-assembled nanostructured ZnO hollow spheres with UVA luminescence. Advances in Applied Ceramics, 2009, 108, 73-77.	0.6	4
143	EIS study of porous NiTi biomedical alloy in simulated body fluid. Materials and Corrosion - Werkstoffe Und Korrosion, 2009, 60, 871-875.	0.8	12
144	Chemical corrosion and gamma-ray attenuation properties of Zr and Ti containing lead silicate glasses. Journal of Nuclear Materials, 2009, 385, 527-532.	1.3	14

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145	Growth of tin oxide nanotubes by aerial carbothermal evaporation. Applied Physics A: Materials Science and Processing, 2009, 97, 361-364.	1.1	8
146	The Effect of Conformation Method and Sintering Technique on the Densification and Grain Growth of Nanocrystalline 8 mol% Ytriaa€Stabilized Zirconia. Journal of the American Ceramic Society, 2009, 92, 990-995.	1.9	26
147	Sintering of titania nanoceramic: Densification and grain growth. Ceramics International, 2009, 35, 685-691.	2.3	78
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