

# Miodrag N MitriÄ

## List of Publications by Year in descending order

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133  
papers

3,750  
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172207

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155451

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134  
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134  
docs citations

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times ranked

5796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of Electronic and Local Structural Properties of Cd <sub>1-x</sub> Co <sub>x</sub> Se <sub>1-y</sub> Te(S) <sub>y</sub> by XAFS. Journal of the Physical Society of Japan, 2022, 91, .	0.8	3
2	Towards a green and cost-effective synthesis of polyanionic cathodes: comparative electrochemical behaviour of LiFePO <sub>4</sub> /C, Li <sub>2</sub> FeP <sub>2</sub> O <sub>7</sub> /C and Li <sub>2</sub> FeSiO <sub>4</sub> /C synthesized using methylcellulose matrix. Bulletin of Materials Science, 2021, 44, 1.	0.8	5
3	Microsized fayalite Fe <sub>2</sub> SiO <sub>4</sub> as anode material: the structure, electrochemical properties and working mechanism. Journal of Electroceramics, 2021, 47, 31-41.	2.8	3
4	Magnetic memory effect in hollandite-type $\pm$ -K MnO <sub>2</sub> monocrystalline nanorods. Journal of Alloys and Compounds, 2020, 820, 153406.	1.9	0
5	Investigation of structural, microstructural and magnetic properties of Yb Y <sub>1</sub> -F <sub>3</sub> solid solutions. Journal of Physics and Chemistry of Solids, 2020, 142, 109449.	1.3	18
6	The influence of coating with aminopropyl triethoxysilane and CuO/Cu <sub>2</sub> O nanoparticles on antimicrobial activity of cotton fabrics under dark conditions. Journal of Applied Polymer Science, 2020, 137, 49194.	4.0	46
7	Highly Active Rutile TiO <sub>2</sub> Nanocrystalline Photocatalysts. ACS Applied Materials & Interfaces, 2020, 12, 33058-33068.	3.6	45
8	Study of chitosan/xanthan gum polyelectrolyte complexes formation, solid state and influence on ibuprofen release kinetics. International Journal of Biological Macromolecules, 2020, 148, 942-955.	2.1	6
9	Developing an advanced electrocatalyst derived from triangular silver nanoplates@polyvinylpyrrolidone-polyaniline nanocomposites. Synthetic Metals, 2019, 257, 116173.	2.6	7
10	Tailoring the physico-chemical and antimicrobial properties of agar-based films by in situ formation of Cu-mineral phase. European Polymer Journal, 2019, 119, 352-358.	1.1	6
11	A study of defect structures in Fe-alloyed ZnO: Morphology, magnetism, and hyperfine interactions. Journal of Applied Physics, 2019, 126, .	2.8	4
12	Structural and electrochemical properties of the Li <sub>2</sub> FeP <sub>2</sub> O <sub>7</sub> /C composite prepared using soluble methylcellulose. Journal of Alloys and Compounds, 2019, 786, 912-919.	2.2	9
13	The improved photovoltaic response of commercial monocrystalline Si solar cell under natural and artificial light by using water flow lens (WFL) system. International Journal of Energy Research, 2019, 43, 3507-3515.	1.2	12
14	Isotope-like effect in YVO <sub>4</sub> :Eu <sup>3+</sup> nanopowders: Raman spectroscopy. Journal of Raman Spectroscopy, 2019, 50, 802-808.	1.1	12
15	Broad Spectrum of Antimicrobial Activity of Cotton Fabric Modified with Oxalic Acid and CuO/Cu <sub>2</sub> O Nanoparticles. Fibers and Polymers, 2019, 20, 2317-2325.	2.8	8
16	The influence of synthesis conditions on the redox behaviour of LiFePO <sub>4</sub> in aqueous solution. Journal of Alloys and Compounds, 2019, 776, 475-485.	2.8	14
17	Effects of fluorination on the structure, magnetic and electrochemical properties of the P <sub>2</sub> -type Na <sub>x</sub> CoO <sub>2</sub> powder. Journal of Alloys and Compounds, 2019, 774, 30-37.	2.4	42
18	In situ synthesis of Cu/Cu <sub>2</sub> O nanoparticles on the TEMPO oxidized cotton fabrics. Cellulose, 2018, 25, 829-841.		

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19	Bimetallic alginate nanocomposites: New antimicrobial biomaterials for biomedical application. <i>Materials Letters</i> , 2018, 212, 32-36.	1.3	17
20	Efficient and novel Sb <sub>2</sub> S <sub>3</sub> based solar cells with chitosan/poly(ethylene Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	2.2	12
21	The role of low light intensity: A step towards understanding the connection between light, optic/lens and photovoltaic behavior for Sb <sub>2</sub> S <sub>3</sub> thin-film solar cells. <i>Optics and Laser Technology</i> , 2018, 101, 425-432.	2.2	9
22	One-pot synthesis of novel silver-polyaniline-polyvinylpyrrolidone electrocatalysts for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , 2018, 281, 549-561.	2.6	17
23	Electrochemical tuning of capacitive response of graphene oxide. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22698-22709.	1.3	13
24	Structural properties of the multiwall carbon nanotubes/poly(methyl methacrylate) nanocomposites: Effect of the multiwall carbon nanotubes covalent functionalization. <i>Polymer Composites</i> , 2017, 38, E472.	2.3	10
25	Structural characteristics and bonding environment of Ag nanoparticles synthesized by gamma irradiation within thermo-responsive poly(N-isopropylacrylamide) hydrogel. <i>Polymer Composites</i> , 2017, 38, 1014-1026.	2.3	11
26	Synthesis and antimicrobial properties of Zn-mineralized alginate nanocomposites. <i>Carbohydrate Polymers</i> , 2017, 165, 313-321.	5.1	41
27	Insertion of lithium ion in anatase TiO <sub>2</sub> nanotube arrays of different morphology. <i>Journal of Alloys and Compounds</i> , 2017, 712, 90-96.	2.8	11
28	In situ photoreduction of Ag <sup>+</sup> -ions on the surface of titania nanotubes deposited on cotton and cotton/PET fabrics. <i>Cellulose</i> , 2017, 24, 1597-1610.	2.4	13
29	Superior photocatalytic properties of carbonized PANI/TiO <sub>2</sub> nanocomposites. <i>Applied Catalysis B: Environmental</i> , 2017, 213, 155-166.	10.8	62
30	Formation of ZnIn <sub>2</sub> S <sub>4</sub> nanosheets and tubular structures in organic media. <i>Materials Research Bulletin</i> , 2017, 87, 140-147.	2.7	12
31	Natural sorbents modified by divalent Cu <sup>2+</sup> - and Zn <sup>2+</sup> - ions and their corresponding antimicrobial activity. <i>New Biotechnology</i> , 2017, 39, 150-159.	2.4	16
32	Influence of different pore-forming agents on wollastonite microstructures and adsorption capacities. <i>Ceramics International</i> , 2017, 43, 7461-7468.	2.3	21
33	The role of low light intensity: A cheap, stable, and solidly efficient amorphous Sb <sub>2</sub> S <sub>3</sub> powder/hypericin composite/PVA matrix loaded with electrolyte solar cell. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1507-1516.	1.3	10
34	Vibrational and electron paramagnetic resonance spectroscopic studies of $\hat{1}^2$ -MnO <sub>2</sub> and $\hat{1}^{\pm}$ -K MnO <sub>2</sub> nanorods. <i>Journal of Alloys and Compounds</i> , 2017, 728, 259-270.	2.8	18
35	Mineralized agar-based nanocomposite films: Potential food packaging materials with antimicrobial properties. <i>Carbohydrate Polymers</i> , 2017, 175, 55-62.	5.1	59
36	Synthesis of metastable hard-magnetic $\hat{1}\mu$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles from silica-coated akaganeite nanorods. <i>Nanoscale</i> , 2017, 9, 10579-10584.	2.8	45

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37	Preparation and characterization of bismuth germanium oxide (BGO) polymer composites. Journal of Alloys and Compounds, 2017, 695, 841-849.	2.8	4
38	Gamma irradiation induced in situ synthesis of lead sulfide nanoparticles in poly(vinyl alcohol) hydrogel. Radiation Physics and Chemistry, 2017, 130, 282-290.	1.4	12
39	The influence of fluorine doping on the structural and electrical properties of the LiFePO <sub>4</sub> powder. Ceramics International, 2017, 43, 3224-3230.	2.3	18
40	Sintering of fly ash based composites with zeolite and bentonite addition for application in construction materials. Science of Sintering, 2017, 49, 23-37.	0.5	5
41	Ultra-High and Near-Zero Refractive Indices of Magnetron Sputtered Thin-Film Metamaterials Based on TiO <sub>2</sub> /SiO <sub>2</sub> . Advances in Materials Science and Engineering, 2016, 2016, 1-9.	1.0	6
42	Viscoelastic properties of poly( $\epsilon$ -caprolactone)/clay nanocomposites in solid and in melt state. Journal of Applied Polymer Science, 2016, 133, .	1.3	5
43	Characterization and current-voltage characteristics of solar cells based on the composite of synthesized Sb <sub>2</sub> S <sub>3</sub> powder with small band gap and natural dye. Environmental Progress and Sustainable Energy, 2016, 35, 512-516.	1.3	10
44	New insights into BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> (0 $\leq$ x $\leq$ 1) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	17
45	Visible-light active mesoporous, nanocrystalline N,S-doped and co-doped titania photocatalysts synthesized by non-hydrolytic sol-gel route. Ceramics International, 2016, 42, 16718-16728.	2.3	35
46	Luminescence thermometry via the two-dopant intensity ratio of Y <sub>2</sub> O <sub>3</sub> :Er <sup>3+</sup> , Eu <sup>3+</sup> . Journal Physics D: Applied Physics, 2016, 49, 485104.	1.3	19
47	Reaction kinetics of mechanically activated cordierite-based ceramics studied via DTA. Journal of Thermal Analysis and Calorimetry, 2016, 124, 667-673.	2.0	7
48	High-efficiency Sb <sub>2</sub> S <sub>3</sub> -based hybrid solar cell at low light intensity: cell made of synthesized Cu and Se-doped Sb <sub>2</sub> S <sub>3</sub> . Progress in Photovoltaics: Research and Applications, 2016, 24, 704-715.	4.4	29
49	Dissolution rate enhancement and physicochemical characterization of carbamazepine-poloxamer solid dispersions. Pharmaceutical Development and Technology, 2016, 21, 268-276.	1.1	40
50	Structural and magnetic properties of hydrothermally synthesized $\delta$ -MnO <sub>2</sub> and $\delta$ -K MnO <sub>2</sub> nanorods. Journal of Alloys and Compounds, 2016, 665, 261-270.	2.8	24
51	The effect of graphene loading on mechanical, thermal and biological properties of poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.9	56
52	Structural, Optical, and Electrical Properties of Applied Amorphized and Polycrystalline Sb <sub>2</sub> S <sub>3</sub> Thin Films. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 1460-1468.	1.1	14
53	Weak Light Performance of Synthesized Amorphous $\text{Sb}_{2}\text{S}_{3}$ -Based Hybrid Solar Cell. IEEE Journal of Photovoltaics, 2016, 6, 473-479.	1.5	9
54	The use of methylcellulose for the synthesis of Li <sub>2</sub> FeSiO <sub>4</sub> /C composites. Cellulose, 2016, 23, 239-246.	2.4	3

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55	Microstructural Analysis and the Multicolor UV/Violet/Blue/Green/Yellow PL Observed from the Synthesized ZnO Nano-leaves and Nano-rods. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 3679-3686.	1.1	10
56	Interfacial Synthesis of Goldâ€“Polyaniline Nanocomposite and Its Electrocatalytic Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28393-28403.	4.0	122
57	Electronic aspects of formation and properties of local structures around Mn in Cd 1âˆ“x Mn x Te 1âˆ“y Se y. <i>Materials Chemistry and Physics</i> , 2015, 167, 236-245.	2.0	7
58	Nanostructured Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> thick films: Analysis of structural and electronic properties. <i>Ceramics International</i> , 2015, 41, 6889-6897.	2.3	8
59	Nanomaterial with High Antimicrobial Efficacyâ€“Copper/Polyaniline Nanocomposite. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1955-1966.	4.0	140
60	The porosity and roughness of electrodeposited calcium phosphate coatings in simulated body fluid. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 237-251.	0.4	12
61	High-rate intercalation capability of NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C composite in aqueous lithium and sodium nitrate solutions. <i>Journal of Power Sources</i> , 2015, 288, 176-186.	4.0	62
62	The use of various dicarboxylic acids as a carbon source for the preparation of LiFePO <sub>4</sub> /C composite. <i>Ceramics International</i> , 2015, 41, 6753-6758.	2.3	14
63	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2015, 624, 148-157.	2.8	167
64	The effect of different extractants on lead desorption from a natural mineral. <i>Applied Surface Science</i> , 2015, 324, 221-231.	3.1	9
65	High performance of solvothermally prepared VO <sub>2</sub> (B) as anode for aqueous rechargeable lithium batteries. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 685-694.	0.4	8
66	Study of the effect of Mg (II) addition and the annealing conditions on the structure of mesoporous aluminum oxide using Plackett-Burman design. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1529-1540.	0.4	3
67	Synthesis and Properties of a New Dental Material Based on Nanoâ€“structured Highly Active Calcium Silicates and Calcium Carbonates. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 57-64.	1.1	12
68	Arsenate adsorption on waste eggshell modified by goethite, Î±-MnO <sub>2</sub> and goethite/Î±-MnO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2014, 237, 430-442.	6.6	75
69	Thermal, morphological, and mechanical properties of ethyl vanillin immobilized in polyvinyl alcohol by electrospinning process. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 661-668.	2.0	23
70	In situ photoreduction of Ag <sup>+</sup> -ions by TiO <sub>2</sub> nanoparticles deposited on cotton and cotton/PET fabrics. <i>Cellulose</i> , 2014, 21, 3781-3795.	2.4	31
71	The influence of triangular silver nanoplates on antimicrobial activity and color of cotton fabrics pretreated with chitosan. <i>Journal of Materials Science</i> , 2014, 49, 4453-4460.	1.7	26
72	Ultrasonic assisted arsenate adsorption on solvothermally synthesized calcite modified by goethite, Î±-MnO <sub>2</sub> and goethite/Î±-MnO <sub>2</sub> . <i>Ultrasonics Sonochemistry</i> , 2014, 21, 790-801.	3.8	37

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73	The effect of Sn for Ti substitution on the average and local crystal structure of BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.20). Journal of Applied Crystallography, 2014, 47, 999-1007.	1.9	28
74	Physico-chemical characteristics of gamma irradiation crosslinked poly(vinyl alcohol)/magnetite ferrogel composite. Hemijska Industrija, 2014, 68, 743-753.	0.3	9
75	Crystal structure studies on plate/shelf like disodium ditungstate. Bulletin of Materials Science, 2013, 36, 149-152.	0.8	7
76	Oxygen reduction reaction of Pt-In alloy: Combined theoretical and experimental investigations. Electrochimica Acta, 2013, 114, 706-712.	2.6	17
77	Influence of sulphide precursor on crystal phase of ternary III-VI <sub>2</sub> semiconductors. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	8
78	The synthesis of single phase WC nanoparticles/C composite by solid state reaction involving nitrogen-rich carbonized polyaniline. Ceramics International, 2013, 39, 8761-8765.	2.3	9
79	The LiFe(1-x)VPO <sub>4</sub> /C composite synthesized by gel-combustion method, with improved rate capability and cycle life in aerated aqueous solutions. Electrochimica Acta, 2013, 109, 835-842.	2.6	23
80	Novel organo-colloidal synthesis, optical properties, and structural analysis of antimony sesquioxide nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	5
81	Anisotropic silver nanoparticles as filler for the formation of hybrid nanocomposites. Materials Research Bulletin, 2013, 48, 52-57.	2.7	26
82	Properties of quenched LiFePO <sub>4</sub> /C powder obtained via cellulose matrix-assisted method. Powder Technology, 2013, 246, 539-544.	2.1	8
83	Corrosion Stability and Bioactivity in Simulated Body Fluid of Silver/Hydroxyapatite and Silver/Hydroxyapatite/Lignin Coatings on Titanium Obtained by Electrophoretic Deposition. Journal of Physical Chemistry B, 2013, 117, 1633-1643.	1.2	95
84	Kinetics of hydrogen absorption in Zr-based alloys. Journal of Alloys and Compounds, 2013, 559, 162-166.	2.8	14
85	Annealing effects on the microstructure and photoluminescence of Eu <sup>3+</sup> -doped GdVO <sub>4</sub> powders. Optical Materials, 2013, 35, 1797-1804.	1.7	34
86	Hydrothermal synthesis of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /C nanostructured composites: Morphology and electrochemical performance. Materials Research Bulletin, 2013, 48, 218-223.	2.7	24
87	Surface coverage determination of iron-phosphate coatings on steel using voltammetric anodic dissolution technique. Journal of the Serbian Chemical Society, 2013, 78, 101-114.	0.4	7
88	Novel morphology of needle-like nanoparticles of Na <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> synthesized by using Ultrasonic spray pyrolysis. Materials Research, 2013, 16, 44-49.	0.6	4
89	Electrochemical behavior of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> / acid-activated bentonite powders. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 329-338.	0.4	2
90	Structural and optical investigation of gadolinia-doped ceria powders prepared by polymer complex solution method. International Journal of Materials Research, 2012, 103, 884-888.	0.1	7

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91	Optical, structural and thermal characterization of gold nanoparticles â€“ poly(vinylalcohol) composite films. <i>Journal of Composite Materials</i> , 2012, 46, 987-995.	1.2	18
92	Preparation of TiO <sub>2</sub> /carbon nanotubes photocatalysts: The influence of the method of oxidation of the carbon nanotubes on the photocatalytic activity of the nanocomposites. <i>Ceramics International</i> , 2012, 38, 6123-6129.	2.3	20
93	Structural and optical characterization of hemimorphite with flower-like morphology synthesized by a novel low-temperature method. <i>Materials Letters</i> , 2012, 85, 138-141.	1.3	3
94	Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media. <i>Journal of Power Sources</i> , 2012, 220, 306-316.	4.0	105
95	Colloidal-chemistry based synthesis of quantized CuInS <sub>2</sub> /Se <sub>2</sub> nanoparticles. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 789-797.	0.4	7
96	Multisite luminescence of rare earth doped TiO <sub>2</sub> anatase nanoparticles. <i>Materials Chemistry and Physics</i> , 2012, 135, 1064-1069.	2.0	117
97	Growth of Sb <sub>2</sub> S <sub>3</sub> nanowires synthesized by colloidal process and self-assembly of amorphous spherical Sb <sub>2</sub> S <sub>3</sub> nanoparticles in wires formation. <i>Metals and Materials International</i> , 2012, 18, 989-995.	1.8	10
98	The effect of lignin on the structure and characteristics of composite coatings electrodeposited on titanium. <i>Progress in Organic Coatings</i> , 2012, 75, 275-283.	1.9	26
99	Ferromagnetic polyaniline/TiO <sub>2</sub> nanocomposites. <i>Polymer Composites</i> , 2012, 33, 1482-1493.	2.3	25
100	Characterization of poly(vinyl alcohol)/gold nanocomposites obtained by <i>in situ</i> gammaâ€“irradiation method. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1244-1251.	1.3	20
101	Ligand mediated synthesis of AgInSe <sub>2</sub> nanoparticles with tetragonal/orthorhombic crystal phases. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	15
102	Organic Synthesis with Different OA/EHA Ratios of Sb <sub>2</sub> S <sub>3</sub> Nanowires of Flower-Like Organization and [010] Orientation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 1405-1409.	1.1	8
103	Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 50-57.	2.2	52
104	Structural and magnetic properties of mechanochemically synthesized nanocrystalline titanium monoxide. <i>Hemijaska Industrija</i> , 2012, 66, 181-186.	0.3	7
105	Structural and magnetic properties of mechanochemically synthesized nanosized yttrium titanate. <i>Hemijaska Industrija</i> , 2012, 66, 309-315.	0.3	1
106	Colloidal synthesis of Sb <sub>2</sub> S <sub>3</sub> nanorods/bars with strong preferred orientation. <i>Materials Letters</i> , 2011, 65, 1919-1922.	1.3	12
107	Structural, spectroscopic and crystal field analyses of Ni <sup>2+</sup> and Co <sup>2+</sup> doped Zn <sub>2</sub> SiO <sub>4</sub> powders. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 483-492.	1.1	22
108	Preparation of LiFePO <sub>4</sub> /C composites by co-precipitation in molten stearic acid. <i>Journal of Power Sources</i> , 2011, 196, 4613-4618.	4.0	32

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109	Synthesis and characterization of monetite and hydroxyapatite whiskers obtained by a hydrothermal method. <i>Ceramics International</i> , 2011, 37, 167-173.	2.3	116
110	Preparation of Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanopowders via polymer complex solution method and luminescence properties of the sintered ceramics. <i>Ceramics International</i> , 2011, 37, 525-531.	2.3	67
111	Synthesis of antimicrobial monophasic silver-doped hydroxyapatite nanopowders for bone tissue engineering. <i>Applied Surface Science</i> , 2011, 257, 4510-4518.	3.1	221
112	Electrochemical properties of nanostructured Li <sub>1.2</sub> V <sub>3</sub> O <sub>8</sub> in aqueous LiNO <sub>3</sub> solution. <i>Electrochimica Acta</i> , 2011, 56, 6469-6473.	2.6	13
113	Rare-earth doped (Lu <sub>0.85</sub> Y <sub>0.15</sub> ) <sub>2</sub> SiO <sub>5</sub> nanocrystalline powders obtained by polymer assisted sol-gel synthesis. <i>Radiation Measurements</i> , 2010, 45, 475-477.	0.7	6
114	Influence of ultrasonic processing on the macromolecular properties of poly (d,l-lactide-co-glycolide) alone and in its biocomposite with hydroxyapatite. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 902-908.	3.8	8
115	Synthesis, characterization and antimicrobial activity of copper and zinc-doped hydroxyapatite nanopowders. <i>Applied Surface Science</i> , 2010, 256, 6083-6089.	3.1	461
116	Functionalization of carbon nanotubes with silver clusters. <i>Applied Surface Science</i> , 2010, 256, 7048-7055.	3.1	29
117	Level Set Approach to Anisotropic Wet Etching of Silicon. <i>Sensors</i> , 2010, 10, 4950-4967.	2.1	33
118	The effect of the addition of colloidal iridium oxide into sol-gel obtained titanium and ruthenium oxide coatings on titanium on their electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7521.	1.3	16
119	Structure of Disodium Dimolybdate Synthesized Using Thermodynamically Stable Molybdenum (VI) Oxide Clusters as Precursors. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2467-2470.	1.9	6
120	Electrochemical behaviour of V <sub>2</sub> O <sub>5</sub> xerogel in aqueous LiNO <sub>3</sub> solution. <i>Electrochemistry Communications</i> , 2009, 11, 1512-1514.	2.3	50
121	Influence of MgO addition on the synthesis and electrical properties of sintered zinc-titanate ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 471, 272-277.	2.8	14
122	Structural and electrical properties of the 2Bi <sub>2</sub> O <sub>3</sub> ·3ZrO <sub>2</sub> system. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1321-1329.	1.4	29
123	Ground-state magnetism of chromium-substituted LiMn <sub>2</sub> O <sub>4</sub> spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 943-949.	1.0	2
124	Synthesis and characterization of LiFePO <sub>4</sub> /C composite obtained by sonochemical method. <i>Solid State Ionics</i> , 2008, 179, 415-419.	1.3	38
125	The thermal stability of porous alumina/stainless steel catalyst support obtained by spray pyrolysis. <i>Applied Surface Science</i> , 2008, 255, 3049-3055.	3.1	20
126	Radiolytic synthesis and characterization of PVA/Au nanocomposites: The influence of pH values. <i>Hemjska Industrija</i> , 2008, 62, 101-106.	0.3	2



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127	NANOSTRUCTURED ZrO <sub>2</sub> POWDER SYNTHESIZED BY ULTRASONIC SPRAY PYROLYSIS. Surface Review and Letters, 2007, 14, 915-919.	0.5	3
128	Novel Low-Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. Journal of the American Ceramic Society, 2007, 90, 4030-4032.	1.9	4
129	Growth and quantum confinement in AgI nanowires. Materials Letters, 2007, 61, 3522-3525.	1.3	10
130	Cyclic voltammetry of LiCr <sub>0.15</sub> Mn <sub>1.85</sub> O <sub>4</sub> in an aqueous LiNO <sub>3</sub> solution. Journal of Power Sources, 2007, 174, 1117-1120.	4.0	28
131	Nonconvex Hamiltonians in three dimensional level set simulations of the wet etching of silicon. Applied Physics Letters, 2006, 89, 213102.	1.5	28
132	Magnetic properties of nanostructured SiO <sub>2</sub> :Eu <sup>3+</sup> powders. Journal of the Serbian Chemical Society, 2006, 71, 413-420.	0.4	2
133	Magnetic properties of Er <sub>x</sub> Y <sub>1-x</sub> F <sub>3</sub> solid solutions. Solid State Communications, 2005, 133, 157-161.	0.9	1