

# Miodrag N Mitric

## List of Publications by Citations

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132  
papers

2,991  
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27  
h-index

49  
g-index

134  
ext. papers

3,385  
ext. citations

4.4  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
132	Synthesis, characterization and antimicrobial activity of copper and zinc-doped hydroxyapatite nanopowders. <i>Applied Surface Science</i> , <b>2010</b> , 256, 6083-6089	6.7	366
131	Synthesis of antimicrobial monophasic silver-doped hydroxyapatite nanopowders for bone tissue engineering. <i>Applied Surface Science</i> , <b>2011</b> , 257, 4510-4518	6.7	186
130	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 624, 148-157	5.7	138
129	Nanomaterial with high antimicrobial efficacy--copper/polyaniline nanocomposite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 1955-66	9.5	105
128	Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media. <i>Journal of Power Sources</i> , <b>2012</b> , 220, 306-316	8.9	99
127	Interfacial Synthesis of Gold-Polyaniline Nanocomposite and Its Electrocatalytic Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28393-403	9.5	92
126	Synthesis and characterization of monetite and hydroxyapatite whiskers obtained by a hydrothermal method. <i>Ceramics International</i> , <b>2011</b> , 37, 167-173	5.1	92
125	Multisite luminescence of rare earth doped TiO <sub>2</sub> anatase nanoparticles. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 135, 1064-1069	4.4	80
124	Corrosion stability and bioactivity in simulated body fluid of silver/hydroxyapatite and silver/hydroxyapatite/lignin coatings on titanium obtained by electrophoretic deposition. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 1633-43	3.4	78
123	Arsenate adsorption on waste eggshell modified by goethite, $\gamma$ -MnO <sub>2</sub> and goethite/ $\gamma$ -MnO <sub>2</sub> . <i>Chemical Engineering Journal</i> , <b>2014</b> , 237, 430-442	14.7	64
122	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> , <b>2011</b> , 37, 525-531	5.1	63
121	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> , <b>2015</b> , 288, 176-186	8.9	58
120	The effect of graphene loading on mechanical, thermal and biological properties of poly(vinyl alcohol)/graphene nanocomposites. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 34, 250-257	6.3	47
119	Electrochemical behaviour of V <sub>2</sub> O <sub>5</sub> xerogel in aqueous LiNO <sub>3</sub> solution. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 1512-1514	5.1	45
118	Superior photocatalytic properties of carbonized PANI/TiO <sub>2</sub> nanocomposites. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 213, 155-166	21.8	44
117	Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 152, 50-57	5.3	42
116	Mineralized agar-based nanocomposite films: Potential food packaging materials with antimicrobial properties. <i>Carbohydrate Polymers</i> , <b>2017</b> , 175, 55-62	10.3	39

115	Synthesis and characterization of LiFePO <sub>4</sub> /C composite obtained by sonochemical method. <i>Solid State Ionics</i> , <b>2008</b> , 179, 415-419	3.3	37
114	Synthesis of metastable hard-magnetic $\beta$ -FeO nanoparticles from silica-coated akaganeite nanorods. <i>Nanoscale</i> , <b>2017</b> , 9, 10579-10584	7.7	35
113	In situ synthesis of Cu/Cu <sub>2</sub> O nanoparticles on the TEMPO oxidized cotton fabrics. <i>Cellulose</i> , <b>2018</b> , 25, 829-841	5.5	34
112	Ultrasonic assisted arsenate adsorption on solvothermally synthesized calcite modified by goethite, $\beta$ -MnO <sub>2</sub> and goethite/ $\beta$ -MnO <sub>2</sub> . <i>Ultrasonics Sonochemistry</i> , <b>2014</b> , 21, 790-801	8.9	32
111	Study of chitosan/xanthan gum polyelectrolyte complexes formation, solid state and influence on ibuprofen release kinetics. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 942-955	7.9	31
110	Dissolution rate enhancement and physicochemical characterization of carbamazepine-poloxamer solid dispersions. <i>Pharmaceutical Development and Technology</i> , <b>2016</b> , 21, 268-76	3.4	30
109	Preparation of LiFePO <sub>4</sub> /C composites by co-precipitation in molten stearic acid. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 4613-4618	8.9	30
108	Level set approach to anisotropic wet etching of silicon. <i>Sensors</i> , <b>2010</b> , 10, 4950-67	3.8	28
107	Annealing effects on the microstructure and photoluminescence of Eu <sup>3+</sup> -doped GdVO <sub>4</sub> powders. <i>Optical Materials</i> , <b>2013</b> , 35, 1797-1804	3.3	27
106	Functionalization of carbon nanotubes with silver clusters. <i>Applied Surface Science</i> , <b>2010</b> , 256, 7048-7055	6.7	27
105	Synthesis and antimicrobial properties of Zn-mineralized alginate nanocomposites. <i>Carbohydrate Polymers</i> , <b>2017</b> , 165, 313-321	10.3	26
104	Visible-light active mesoporous, nanocrystalline N,S-doped and co-doped titania photocatalysts synthesized by non-hydrolytic sol-gel route. <i>Ceramics International</i> , <b>2016</b> , 42, 16718-16728	5.1	26
103	In situ photoreduction of Ag <sup>+</sup> -ions by TiO <sub>2</sub> nanoparticles deposited on cotton and cotton/PET fabrics. <i>Cellulose</i> , <b>2014</b> , 21, 3781-3795	5.5	26
102	The effect of lignin on the structure and characteristics of composite coatings electrodeposited on titanium. <i>Progress in Organic Coatings</i> , <b>2012</b> , 75, 275-283	4.8	25
101	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> . <i>Progress in Photovoltaics: Research and Applications</i> , <b>2016</b> , 24, 704-715	6.8	24
100	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. <i>Journal of Power Sources</i> , <b>2007</b> , 174, 1117-1120	8.9	24
99	The influence of triangular silver nanoplates on antimicrobial activity and color of cotton fabrics pretreated with chitosan. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 4453-4460	4.3	23
98	Hydrothermal synthesis of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /C nanostructured composites: Morphology and electrochemical performance. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 218-223	5.1	23

97	Nonconvex Hamiltonians in three dimensional level set simulations of the wet etching of silicon. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 213102	3.4	23
96	Structural and electrical properties of the $2\text{Bi}_2\text{O}_3\text{-ZrO}_2$ system. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 1321-1329	3.3	22
95	Ferromagnetic polyaniline/TiO <sub>2</sub> nanocomposites. <i>Polymer Composites</i> , <b>2012</b> , 33, 1482-1493	3	21
94	The LiFe(1-x)VxPO <sub>4</sub> /C composite synthesized by gel-combustion method, with improved rate capability and cycle life in aerated aqueous solutions. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 835-842	6.7	20
93	Anisotropic silver nanoparticles as filler for the formation of hybrid nanocomposites. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 52-57	5.1	20
92	Highly Active Rutile TiO Nanocrystalline Photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 33058-33068	9.5	19
91	Structural and magnetic properties of hydrothermally synthesized $\text{MnO}_2$ and $\text{KxMnO}_2$ nanorods. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 665, 261-270	5.7	19
90	Thermal, morphological, and mechanical properties of ethyl vanillin immobilized in polyvinyl alcohol by electrospinning process. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2014</b> , 118, 661-668	4.1	19
89	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> , <b>2012</b> , 38, 6123-6129	5.1	18
88	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> , <b>2011</b> , 104, 483-492	2.6	18
87	The thermal stability of porous alumina/stainless steel catalyst support obtained by spray pyrolysis. <i>Applied Surface Science</i> , <b>2008</b> , 255, 3049-3055	6.7	18
86	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). <i>Journal of Applied Crystallography</i> , <b>2014</b> , 47, 999-1007	3.8	17
85	Influence of different pore-forming agents on wollastonite microstructures and adsorption capacities. <i>Ceramics International</i> , <b>2017</b> , 43, 7461-7468	5.1	16
84	Oxygen reduction reaction of Pt/C alloy: Combined theoretical and experimental investigations. <i>Electrochimica Acta</i> , <b>2013</b> , 114, 706-712	6.7	16
83	Characterization of poly(vinyl alcohol)/gold nanocomposites obtained by in situ gamma-irradiation method. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 1244-1251	2.9	16
82	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> , <b>2010</b> , 12, 7521-8	3.6	16
81	Optical, structural and thermal characterization of gold nanoparticles /poly(vinylalcohol) composite films. <i>Journal of Composite Materials</i> , <b>2012</b> , 46, 987-995	2.7	16
80	Bimetallic alginate nanocomposites: New antimicrobial biomaterials for biomedical application. <i>Materials Letters</i> , <b>2018</b> , 212, 32-36	3.3	15

79	Ligand mediated synthesis of AgInSe <sub>2</sub> nanoparticles with tetragonal/orthorhombic crystal phases. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	15
78	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> . <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 485104	3	14
77	Influence of MgO addition on the synthesis and electrical properties of sintered zinc titanate ceramics. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 471, 272-277	5.7	14
76	Kinetics of hydrogen absorption in Zr-based alloys. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 559, 162-166	5.7	13
75	The use of various dicarboxylic acids as a carbon source for the preparation of LiFePO <sub>4</sub> /C composite. <i>Ceramics International</i> , <b>2015</b> , 41, 6753-6758	5.1	12
74	Colloidal synthesis of Sb <sub>2</sub> S <sub>3</sub> nanorods/bars with strong preferred orientation. <i>Materials Letters</i> , <b>2011</b> , 65, 1919-1922	3.3	12
73	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> , <b>2011</b> , 56, 6469-6473	6.7	12
72	New insights into BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.20) phase diagram from neutron diffraction data. <i>Journal of Applied Crystallography</i> , <b>2016</b> , 49, 1726-1733	3.8	12
71	Natural sorbents modified by divalent Cu- and Zn- ions and their corresponding antimicrobial activity. <i>New Biotechnology</i> , <b>2017</b> , 39, 150-159	6.4	11
70	Synthesis and Properties of a New Dental Material Based on Nano-Structured Highly Active Calcium Silicates and Calcium Carbonates. <i>International Journal of Applied Ceramic Technology</i> , <b>2014</b> , 11, 57-64	2	11
69	One-pot synthesis of novel silver-polyaniline-polyvinylpyrrolidone electrocatalysts for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , <b>2018</b> , 281, 549-561	6.7	11
68	The porosity and roughness of electrodeposited calcium phosphate coatings in simulated body fluid. <i>Journal of the Serbian Chemical Society</i> , <b>2015</b> , 80, 237-251	0.9	10
67	Structural, Optical, and Electrical Properties of Applied Amorphized and Polycrystalline Sb <sub>2</sub> S <sub>3</sub> Thin Films. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2016</b> , 47, 1460-1468	2.3	10
66	Vibrational and electron paramagnetic resonance spectroscopic studies of $\delta$ -MnO <sub>2</sub> and $\beta$ -MnO <sub>2</sub> nanorods. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 728, 259-270	5.7	10
65	Gamma irradiation induced in situ synthesis of lead sulfide nanoparticles in poly(vinyl alcohol) hydrogel. <i>Radiation Physics and Chemistry</i> , <b>2017</b> , 130, 282-290	2.5	10
64	The influence of fluorine doping on the structural and electrical properties of the LiFePO <sub>4</sub> powder. <i>Ceramics International</i> , <b>2017</b> , 43, 3224-3230	5.1	10
63	In situ photoreduction of Ag <sup>+</sup> -ions on the surface of titania nanotubes deposited on cotton and cotton/PET fabrics. <i>Cellulose</i> , <b>2017</b> , 24, 1597-1610	5.5	9
62	The influence of coating with aminopropyl triethoxysilane and CuO/Cu <sub>2</sub> O nanoparticles on antimicrobial activity of cotton fabrics under dark conditions. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 49194	2.9	9

61	Electrochemical tuning of capacitive response of graphene oxide. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 22698-22709	3.6	9
60	The synthesis of single phase WC nanoparticles/C composite by solid state reaction involving nitrogen-rich carbonized polyaniline. <i>Ceramics International</i> , <b>2013</b> , 39, 8761-8765	5.1	9
59	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> , <b>2012</b> , 18, 989-995	2.4	9
58	Broad Spectrum of Antimicrobial Activity of Cotton Fabric Modified with Oxalic Acid and CuO/Cu <sub>2</sub> O Nanoparticles. <i>Fibers and Polymers</i> , <b>2019</b> , 20, 2317-2325	2	9
57	Effects of fluorination on the structure, magnetic and electrochemical properties of the P2-type Na <sub>x</sub> CoO <sub>2</sub> powder. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 774, 30-37	5.7	9
56	Structural properties of the multiwall carbon nanotubes/poly(methyl methacrylate) nanocomposites: Effect of the multiwall carbon nanotubes covalent functionalization. <i>Polymer Composites</i> , <b>2017</b> , 38, E472	3	8
55	Formation of ZnIn <sub>2</sub> S <sub>4</sub> nanosheets and tubular structures in organic media. <i>Materials Research Bulletin</i> , <b>2017</b> , 87, 140-147	5.1	8
54	Growth and quantum confinement in AgI nanowires. <i>Materials Letters</i> , <b>2007</b> , 61, 3522-3525	3.3	8
53	Physico-chemical characteristics of gamma irradiation crosslinked poly(vinyl alcohol)/magnetite ferrogel composite. <i>Hemijaska Industrija</i> , <b>2014</b> , 68, 743-753	0.6	8
52	The influence of synthesis conditions on the redox behaviour of LiFePO <sub>4</sub> in aqueous solution. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 776, 475-485	5.7	8
51	Insertion of lithium ion in anatase TiO <sub>2</sub> nanotube arrays of different morphology. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 712, 90-96	5.7	7
50	Efficient and novel Sb <sub>2</sub> S <sub>3</sub> based solar cells with chitosan/poly(ethylene glycol)/electrolyte blend. <i>International Journal of Energy Research</i> , <b>2018</b> , 42, 843-852	4.5	7
49	Influence of sulphide precursor on crystal phase of ternary III <sub>2</sub> VI <sub>2</sub> semiconductors. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	7
48	Properties of quenched LiFePO <sub>4</sub> /C powder obtained via cellulose matrix-assisted method. <i>Powder Technology</i> , <b>2013</b> , 246, 539-544	5.2	7
47	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> , <b>2015</b> , 46, 3679-3686	2.3	7
46	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> , <b>2015</b> , 41, 6889-6897	5.1	7
45	Colloidal-chemistry based synthesis of quantized CuInS <sub>2</sub> /Se <sub>2</sub> nanoparticles. <i>Journal of the Serbian Chemical Society</i> , <b>2012</b> , 77, 789-797	0.9	7
44	Surface coverage determination of iron-phosphate coatings on steel using voltammetric anodic dissolution technique. <i>Journal of the Serbian Chemical Society</i> , <b>2013</b> , 78, 101-114	0.9	7

43	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> , <b>2010</b> , 17, 902-8	8.9	7
42	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> , <b>2015</b> , 80, 685-694	0.9	7
41	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. <i>Environmental Progress and Sustainable Energy</i> , <b>2016</b> , 35, 512-516	2.5	7
40	Structural characteristics and bonding environment of Ag nanoparticles synthesized by gamma irradiation within thermo-responsive poly(N-isopropylacrylamide) hydrogel. <i>Polymer Composites</i> , <b>2017</b> , 38, 1014-1026	3	6
39	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> , <b>2017</b> , 36, 1507-1516	2.5	6
38	Isotope-like effect in YVO <sub>4</sub> :Eu <sup>3+</sup> nanopowders: Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2019</b> , 50, 802-808	2.3	6
37	The effect of different extractants on lead desorption from a natural mineral. <i>Applied Surface Science</i> , <b>2015</b> , 324, 221-231	6.7	6
36	Reaction kinetics of mechanically activated cordierite-based ceramics studied via DTA. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 124, 667-673	4.1	6
35	Crystal structure studies on plate/shelf like disodium ditungstate. <i>Bulletin of Materials Science</i> , <b>2013</b> , 36, 149-152	1.7	6
34	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> , <b>2012</b> , 43, 1405-1409	2.3	6
33	Structure of Disodium Dimolybdate Synthesized Using Thermodynamically Stable Molybdenum (VI) Oxide Clusters as Precursors. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 2467-2470	3.8	6
32	Structural and optical investigation of gadolinia-doped ceria powders prepared by polymer complex solution method. <i>International Journal of Materials Research</i> , <b>2012</b> , 103, 884-888	0.5	6
31	Structural and magnetic properties of mechanochemically synthesized nanocrystalline titanium monoxide. <i>Hemijaska Industrija</i> , <b>2012</b> , 66, 181-186	0.6	6
30	The improved photovoltaic response of commercial monocrystalline Si solar cell under natural and artificial light by using water flow lens (WFL) system. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 3507-3515	4.5	5
29	Weak Light Performance of Synthesized Amorphous $\text{Sb}_2\text{S}_3$ -Based Hybrid Solar Cell. <i>IEEE Journal of Photovoltaics</i> , <b>2016</b> , 6, 473-479	3.7	5
28	Electronic aspects of formation and properties of local structures around Mn in Cd $1-x$ Mn $x$ Te $1-y$ Se $y$ . <i>Materials Chemistry and Physics</i> , <b>2015</b> , 167, 236-245	4.4	5
27	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> , <b>2010</b> , 45, 475-477	1.5	5
26	Sintering of fly ash based composites with zeolite and bentonite addition for application in construction materials. <i>Science of Sintering</i> , <b>2017</b> , 49, 23-37	0.7	5

25	Ultra-High and Near-Zero Refractive Indices of Magnetron Sputtered Thin-Film Metamaterials Based on $Ti_xO_y$ . <i>Advances in Materials Science and Engineering</i> , <b>2016</b> , 2016, 1-9	1.5	5
24	Viscoelastic properties of poly( $\epsilon$ -caprolactone)/clay nanocomposites in solid and in melt state. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	5
23	The role of low light intensity: A step towards understanding the connection between light, optic/lens and photovoltaic behavior for $Sb_2S_3$ thin-film solar cells. <i>Optics and Laser Technology</i> , <b>2018</b> , 101, 425-432	4.2	5
22	Tailoring the physico-chemical and antimicrobial properties of agar-based films by in situ formation of Cu-mineral phase. <i>European Polymer Journal</i> , <b>2019</b> , 119, 352-358	5.2	4
21	A study of defect structures in Fe-alloyed ZnO: Morphology, magnetism, and hyperfine interactions. <i>Journal of Applied Physics</i> , <b>2019</b> , 126, 125703	2.5	4
20	Novel organo-colloidal synthesis, optical properties, and structural analysis of antimony sesquioxide nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	4
19	Preparation and characterization of bismuth germanium oxide (BGO) polymer composites. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 841-849	5.7	4
18	Novel morphology of needle-Like nanoparticles of $Na_2Mo_2O_7$ synthesized by using Ultrasonic spray pyrolysis. <i>Materials Research</i> , <b>2013</b> , 16, 44-49	1.5	4
17	The use of methylcellulose for the synthesis of $Li_2FeSiO_4/C$ composites. <i>Cellulose</i> , <b>2016</b> , 23, 239-246	5.5	3
16	Developing an advanced electrocatalyst derived from triangular silver nanoplates@polyvinylpyrrolidone-polyaniline nanocomposites. <i>Synthetic Metals</i> , <b>2019</b> , 257, 116173	3.6	3
15	NANOSTRUCTURED $ZrO_2$ POWDER SYNTHESIZED BY ULTRASONIC SPRAY PYROLYSIS. <i>Surface Review and Letters</i> , <b>2007</b> , 14, 915-919	1.1	3
14	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> , <b>2015</b> , 80, 1529-1540	0.9	3
13	Structural and electrochemical properties of the $Li_2FeP_2O_7/C$ composite prepared using soluble methylcellulose. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 786, 912-919	5.7	2
12	Structural and optical characterization of hemimorphite with flower-like morphology synthesized by a novel low-temperature method. <i>Materials Letters</i> , <b>2012</b> , 85, 138-141	3.3	2
11	Ground-state magnetism of chromium-substituted $LiMn_2O_4$ spinel. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, 943-949	2.8	2
10	Radiolytic synthesis and characterization of PVA/Au nanocomposites: The influence of pH values. <i>Hemijaska Industrija</i> , <b>2008</b> , 62, 101-106	0.6	2
9	Magnetic properties of nanostructured $SiO_2:Eu^{3+}$ powders. <i>Journal of the Serbian Chemical Society</i> , <b>2006</b> , 71, 413-420	0.9	2
8	Magnetic memory effect in hollandite-type $K_xMnO_2$ monocrystalline nanorods. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 820, 153406	5.7	2



7	Electrochemical behavior of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> / acid-activated bentonite powders. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2012</b> , 18, 329-338	0.7	1
6	Novel Low-Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. <i>Journal of the American Ceramic Society</i> , <b>2007</b> , 90, 070922001308005-???	3.8	1
5	Magnetic properties of Er <sub>x</sub> Y <sub>1-x</sub> F <sub>3</sub> solid solutions. <i>Solid State Communications</i> , <b>2005</b> , 133, 157-161	1.6	1
4	Structural and magnetic properties of mechanochemically synthesized nanosized yttrium titanate. <i>Hemjska Industrija</i> , <b>2012</b> , 66, 309-315	0.6	1
3	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. <i>Bulletin of Materials Science</i> , <b>2021</b> , 44, 1	1.7	1
2	Microsized fayalite Fe <sub>2</sub> SiO <sub>4</sub> as anode material: the structure, electrochemical properties and working mechanism. <i>Journal of Electroceramics</i> , 1	1.5	0
1	Investigation of structural, microstructural and magnetic properties of Yb Y <sub>1</sub> -F <sub>3</sub> solid solutions. <i>Journal of Physics and Chemistry of Solids</i> , <b>2020</b> , 142, 109449	3.9	