

# Monica Enculescu

## List of Publications by Year in descending order

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148  
papers

2,105  
citations

279798

23  
h-index

377865

34  
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149  
all docs

149  
docs citations

149  
times ranked

2861  
citing authors

#	ARTICLE	IF	CITATIONS
1	The inclusion of ceramic carbides dispersion in In and Yb filled CoSb <sub>3</sub> and their effect on the thermoelectric performance. <i>Journal of Alloys and Compounds</i> , 2022, 893, 162400.	5.5	8
2	Monodispersed nanoplatelets of samarium oxides for biosensing applications in biological fluids. <i>Electrochimica Acta</i> , 2022, 402, 139532.	5.2	2
3	Growth and characterization of 3.5 at.% Nd:LGSB bifunctional crystal. <i>Optical Materials</i> , 2022, 123, 111832.	3.6	3
4	Microwave and Terahertz Properties of Spark-Plasma-Sintered Zr <sub>0.8</sub> Sn <sub>0.2</sub> TiO <sub>4</sub> Ceramics. <i>Materials</i> , 2022, 15, 1258.	2.9	3
5	Effect of chlorine and bromine on the perovskite crystal growth in mesoscopic heterojunction photovoltaic device. <i>Materials Science in Semiconductor Processing</i> , 2022, 143, 106558.	4.0	4
6	Investigations Regarding the Addition of ZnO and Li <sub>2</sub> O-TiO <sub>2</sub> to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Properties. <i>Materials</i> , 2022, 15, 1644.	2.9	0
7	Bulk and surface characteristics of co-electrodeposited Cu <sub>2</sub> FeSnS <sub>4</sub> thin films sulfurized at different annealing temperatures. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164379.	5.5	8
8	Charge transport mechanisms in free-standing devices with electrospun electrodes. <i>Nanotechnology</i> , 2022, 33, 395203.	2.6	4
9	Pulsed Laser Deposition Films Based on CdSe-Doped Zinc Aluminophosphate Glass. <i>Jom</i> , 2021, 73, 495-503.	1.9	5
10	Effect of starting materials and sintering temperature on microstructure and optical properties of Y <sub>2</sub> O <sub>3</sub> :Yb <sub>3+</sub> + 5 at% transparent ceramics. <i>Journal of Advanced Ceramics</i> , 2021, 10, 49-61.	17.4	39
11	Intrinsic Dielectric Loss in Zr <sub>0.8</sub> Sn <sub>0.2</sub> TiO <sub>4</sub> Ceramics Investigated by Terahertz Time Domain Spectroscopy. <i>Materials</i> , 2021, 14, 216.	2.9	4
12	Structural, morphological and optical properties of Cu-Fe-Sn thin films prepared by electrodeposition at fixed applied potential. <i>Thin Solid Films</i> , 2021, 721, 138547.	1.8	11
13	Antibacterial composite coatings of MgB <sub>2</sub> powders embedded in PVP matrix. <i>Scientific Reports</i> , 2021, 11, 9591.	3.3	11
14	MgB <sub>2</sub> powders and bioevaluation of their interaction with planktonic microbes, biofilms, and tumor cells. <i>Journal of Materials Research and Technology</i> , 2021, 12, 2168-2184.	5.8	10
15	Fabrication of ZnO and TiO <sub>2</sub> Nanotubes via Flexible Electro-Spun Nanofibers for Photocatalytic Applications. <i>Nanomaterials</i> , 2021, 11, 1305.	4.1	15
16	Redox Mechanism of Azathioprine and Its Interaction with DNA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6805.	4.1	4
17	Influences of Dispersions™ Shapes and Processing in Magnetic Field on Thermal Conductibility of PDMS-Fe <sub>3</sub> O <sub>4</sub> Composites. <i>Materials</i> , 2021, 14, 3696.	2.9	3
18	The Physico-Chemical Properties and Exploratory Real-Time Cell Analysis of Hydroxyapatite Nanopowders Substituted with Ce, Mg, Sr, and Zn (0.5-5 at.%). <i>Materials</i> , 2021, 14, 3808.	2.9	9

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19	Magnetic and Magnetostrictive Properties of Ni <sub>50</sub> Mn <sub>20</sub> Ga <sub>27</sub> Cu <sub>3</sub> Rapidly Quenched Ribbons. <i>Materials</i> , 2021, 14, 5126.	2.9	1
20	Secondary phases and their influence on optical and electrical properties of electrodeposited Cu <sub>2</sub> FeSnS <sub>4</sub> films. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	6
21	Multifunctional GaFeO <sub>3</sub> Obtained via Mechanochemical Activation Followed by Calcination of Equimolar Nano-System Ga <sub>2</sub> O <sub>3</sub> â€“Fe <sub>2</sub> O <sub>3</sub> . <i>Nanomaterials</i> , 2021, 11, 57.	4.1	2
22	Biomorphic 3D fibrous networks based on ZnO, CuO and ZnOâ€“CuO composite nanostructures prepared from eggshell membranes. <i>Materials Chemistry and Physics</i> , 2020, 240, 122205.	4.0	21
23	Reticulated Mesoporous TiO <sub>2</sub> Scaffold, Fabricated by Spray Coating, for Largeâ€“Area Perovskite Solar Cells. <i>Energy Technology</i> , 2020, 8, 1900922.	3.8	19
24	Synthesis of Coreâ€“Double Shell Nylon-ZnO/Polypyrrole Electrospun Nanofibers. <i>Nanomaterials</i> , 2020, 10, 2241.	4.1	7
25	Graphene Oxide Concentration Effect on the Optoelectronic Properties of ZnO/GO Nanocomposites. <i>Nanomaterials</i> , 2020, 10, 1532.	4.1	33
26	Novel Ecogenic Plasmonic Biohybrids as Multifunctional Bioactive Coatings. <i>Coatings</i> , 2020, 10, 659.	2.6	10
27	Performant Composite Materials Based on Oxide Semiconductors and Metallic Nanoparticles Generated from Cloves and Mandarin Peel Extracts. <i>Nanomaterials</i> , 2020, 10, 2146.	4.1	7
28	Magneto-functionalities of La <sub>1-x</sub> A <sub>x</sub> MnO <sub>3</sub> (A= K; Ba) synthesized by flash combustion method. <i>Journal of Alloys and Compounds</i> , 2020, 839, 155546.	5.5	7
29	Cytotoxicity, Antioxidant, Antibacterial, and Photocatalytic Activities of ZnOâ€“CdS Powders. <i>Materials</i> , 2020, 13, 182.	2.9	14
30	Control of the Critical Current Density Through Microstructural Design by Ho <sub>2</sub> O <sub>3</sub> and Te Co-addition into MgB <sub>2</sub> Processed by Ex Situ Spark Plasma Sintering. , 2020, , 303-324.		2
31	Adsorption, wicking behavior and photodegradation tests of Rhodamine B solution upon wool substrates. , 2020, , .		1
32	PCL-ZnO/TiO <sub>2</sub> /HAp Electrospun Composite Fibers with Applications in Tissue Engineering. <i>Polymers</i> , 2019, 11, 1793.	4.5	11
33	Thermophysical and mechanical properties of W-Cu laminates produced by FAST joining. <i>Fusion Engineering and Design</i> , 2019, 146, 2371-2374.	1.9	10
34	Nanostructured palladium doped nickel electrodes for immobilization of oxidases through nickel nanoparticles. <i>Electrochimica Acta</i> , 2019, 315, 102-113.	5.2	12
35	Spectroscopic investigations of Pr <sup>3+</sup> ions doped CNGG and CLNGG single crystals. <i>Journal of Alloys and Compounds</i> , 2019, 799, 288-301.	5.5	8
36	Development of W-monoblock divertor components with embedded thermal barrier interfaces. <i>Fusion Engineering and Design</i> , 2019, 146, 1351-1354.	1.9	3

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37	Prototype Orthopedic Bone Plates 3D Printed by Laser Melting Deposition. <i>Materials</i> , 2019, 12, 906.	2.9	21
38	Effect of high gamma radiations on physical properties of In <sub>2</sub> S <sub>3</sub> thin films grown by chemical bath deposition for buffer layer applications. <i>Results in Physics</i> , 2019, 13, 102115.	4.1	17
39	Physical properties investigation of samarium doped calcium sulfate thin films under high gamma irradiations for space photovoltaic and dosimetric applications. <i>Superlattices and Microstructures</i> , 2019, 126, 103-119.	3.1	5
40	Highly transparent Yb:Y <sub>2</sub> O <sub>3</sub> ceramics obtained by solid-state reaction and combined sintering procedures. <i>Ceramics International</i> , 2019, 45, 3217-3222.	4.8	17
41	Magneto-optical properties of Ce <sup>3+</sup> and Tb <sup>3+</sup> -doped silico-phosphate sol-gel thin films. <i>Applied Surface Science</i> , 2018, 448, 474-480.	6.1	4
42	High temperature thermo-physical properties of SPS-ed W-Cu functional gradient materials. <i>Materials Research Express</i> , 2018, 5, 026502.	1.6	9
43	Yellow laser potential of cubic Ca <sub>3</sub> (Nb,Ga) <sub>5</sub> O <sub>12</sub> :Dy <sup>3+</sup> and Ca <sub>3</sub> (Li,Nb,Ga) <sub>5</sub> O <sub>12</sub> :Dy <sup>3+</sup> single crystals. <i>Journal of Alloys and Compounds</i> , 2018, 739, 806-816.	5.5	16
44	Physical-chemical characterization and biological assessment of simple and lithium-doped biological-derived hydroxyapatite thin films for a new generation of metallic implants. <i>Applied Surface Science</i> , 2018, 439, 724-735.	6.1	32
45	Thermophysical properties of Cu-ZrO <sub>2</sub> composites as potential thermal barrier materials for a DEMO W-monoblock divertor. <i>Fusion Engineering and Design</i> , 2018, 127, 179-184.	1.9	11
46	A Comparative Study of Ge-Based Organometallic Additions to MgB <sub>2</sub> . <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	4
47	Dense Ge nanocrystals embedded in TiO <sub>2</sub> with exponentially increased photoconduction by field effect. <i>Scientific Reports</i> , 2018, 8, 4898.	3.3	32
48	1532-nm sensitized luminescence and up-conversion in Yb,Er:YAG transparent ceramics. <i>Optical Materials</i> , 2018, 77, 221-225.	3.6	6
49	Compressive properties of pristine and SiC-Te-added MgB <sub>2</sub> powders, green compacts and spark-plasma-sintered bulks. <i>Ceramics International</i> , 2018, 44, 10181-10191.	4.8	17
50	Photocatalytic activity of wool fabrics deposited at low temperature with ZnO or TiO <sub>2</sub> nanoparticles: Methylene blue degradation as a test reaction. <i>Catalysis Today</i> , 2018, 306, 251-259.	4.4	43
51	Effect of green body annealing on laser performance of YAG:Nd <sup>3+</sup> ceramics. <i>Ceramics International</i> , 2018, 44, 4487-4490.	4.8	4
52	Wet chemical synthesis of ZnO-CdS composites and their photocatalytic activity. <i>Materials Research Bulletin</i> , 2018, 99, 174-181.	5.2	46
53	Dwell Time Influence on Spark Plasma-Sintered MgB <sub>2</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 317-325.	1.8	21
54	(Fe, Nd) codoped ZnO micro and nanostructures with multifunctional characteristics like photocatalytic activity, optical and ferromagnetic properties. <i>Ceramics International</i> , 2018, 44, 21962-21975.	4.8	11

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55	Effects of a surfactant on the morphology and photocatalytic properties of polycrystalline Fe-doped ZnO powders. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 121, 319-328.	4.0	10
56	Hierarchical functionalization of electrospun fibers by electrodeposition of zinc oxide nanostructures. <i>Applied Surface Science</i> , 2018, 458, 555-563.	6.1	13
57	Annealing-Induced High Ordering and Coercivity in Novel L10 CoPt-Based Nanocomposite Magnets. <i>Metals</i> , 2018, 8, 466.	2.3	6
58	White-Light Emission of Dye-Doped Polymer Submicronic Fibers Produced by Electrospinning. <i>Polymers</i> , 2018, 10, 737.	4.5	5
59	Enhanced near-infrared response of a silicon solar cell by using an up-conversion phosphor film of Yb/Er <sup>3+</sup> co-doped CeO <sub>2</sub> . <i>Solar Energy</i> , 2018, 171, 40-46.	6.1	7
60	Effect of mixing complexing agents on the properties of electrodeposited CZTS thin films. <i>Optical Materials</i> , 2018, 83, 252-256.	3.6	28
61	Optical properties of Sm <sup>3+</sup> doped Ca <sub>3</sub> (Nb,Ga) <sub>5</sub> O <sub>12</sub> and Ca <sub>3</sub> (Li,Nb,Ga) <sub>5</sub> O <sub>12</sub> single crystals. <i>Journal of Luminescence</i> , 2017, 186, 175-182.	3.1	17
62	Cu-based composites as thermal barrier materials in DEMO divertor components. <i>Fusion Engineering and Design</i> , 2017, 124, 1131-1134.	1.9	12
63	Production of <sup>82</sup> Se enriched Zinc Selenide (ZnSe) crystals for the study of neutrinoless double beta decay. <i>Journal of Crystal Growth</i> , 2017, 475, 158-170.	1.5	41
64	From an Anomalous Peak Effect to a Second Magnetization Peak in Nb-rich Nb-Ti Alloys. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 1103-1108.	1.8	1
65	Caspase-8, association with Alzheimer's Disease and functional analysis of rare variants. <i>PLoS ONE</i> , 2017, 12, e0185777.	2.5	38
66	Tellurium addition as a solution to improve compactness of <i>ex-situ</i> processed MgB <sub>2</sub> -SiC superconducting tapes. <i>Superconductor Science and Technology</i> , 2016, 29, 065012.	3.5	8
67	Spark plasma sintered MgB <sub>2</sub> co-added with c-BN and C 60. <i>Materials Chemistry and Physics</i> , 2016, 170, 201-209.	4.0	10
68	Interfacial mechanisms of novel laser-irradiated L10-based nanocomposite magnets. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	1
69	Association between ultrasonographic parameters of Cesarean scar defect and outcome of early termination of pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 506-510.	1.7	7
70	Physical Properties of Polycrystalline CuGeO <sub>3</sub> Prepared by Field-assisted Sintering Technique. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 775-780.	1.8	1
71	Influence of metallic and semiconducting nanostructures on the optical properties of dye-doped polymer thin films. <i>Thin Solid Films</i> , 2016, 614, 31-35.	1.8	7
72	CdS quantum dots sensitized TiO <sub>2</sub> nanotubes by matrix assisted pulsed laser evaporation method. <i>Ceramics International</i> , 2016, 42, 9011-9017.	4.8	9

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73	Electrical properties of templateless electrodeposited ZnO nanowires. <i>Materials Science in Semiconductor Processing</i> , 2016, 42, 364-372.	4.0	13
74	Enhancing antimicrobial activity of TiO <sub>2</sub> /Ti by torularhodin bioinspired surface modification. <i>Bioelectrochemistry</i> , 2016, 107, 14-24.	4.6	55
75	Effect of polyhedral oligomeric silsesquioxane nanoreinforcement on the properties of epoxy resin/monoglycidylether-terminated poly(dimethylsiloxane) nanocomposites. <i>High Performance Polymers</i> , 2016, 28, 724-734.	1.8	3
76	Fabrication of magnetite-based core-shell coated nanoparticles with antibacterial properties. <i>Biofabrication</i> , 2015, 7, 015014.	7.1	25
77	Exciton-phonon interaction in PbI <sub>2</sub> revealed by Raman and photoluminescence studies using excitation light overlapping the fundamental absorption edge. <i>Materials Research Bulletin</i> , 2015, 70, 762-772.	5.2	25
78	B4C in ex-situ spark plasma sintered MgB <sub>2</sub> . <i>Current Applied Physics</i> , 2015, 15, 1262-1270.	2.4	8
79	The influence of heating rate on superconducting characteristics of MgB <sub>2</sub> obtained by spark plasma sintering technique. <i>Physica C: Superconductivity and Its Applications</i> , 2015, 519, 184-189.	1.2	13
80	Novel nanocomposites based on epoxy resin/epoxy-functionalized polydimethylsiloxane reinforced with POSS. <i>Composites Part B: Engineering</i> , 2015, 75, 226-234.	12.0	60
81	Ge-Added MgB <sub>2</sub> Superconductor Obtained by Ex Situ Spark Plasma Sintering. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 531-534.	1.8	6
82	Microbial colonization of biopolymeric thin films containing natural compounds and antibiotics fabricated by MAPLE. <i>Applied Surface Science</i> , 2015, 336, 234-239.	6.1	9
83	Superior biofunctionality of dental implant fixtures uniformly coated with durable bioglass films by magnetron sputtering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 51, 313-327.	3.1	36
84	Effect of thermal treatments on the structural and magnetic transitions in melt-spun Ni-Fe-Ga-(Co) ribbons. <i>Journal of Alloys and Compounds</i> , 2015, 650, 664-670.	5.5	21
85	Zinc oxide electroless deposition on electrospun PMMA fiber mats. <i>Materials Letters</i> , 2015, 138, 238-242.	2.6	17
86	Metallic Nanowires and Nanotubes Prepared by Template Replication. <i>Springer Series in Materials Science</i> , 2014, , 137-165.	0.6	1
87	Physical properties of Al <sub>x</sub> In <sub>1-x</sub> N thin film alloys sputtered at low temperature. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	18
88	Indium-tin nanoscaled oxides synthesized under hydrothermal supercritical and postannealing pathway: Phase dynamics and characterization. <i>Materials Chemistry and Physics</i> , 2014, 143, 1540-1549.	4.0	6
89	Polysaccharide-assisted crystallization of ZnO micro/nanostructures. <i>Materials Letters</i> , 2014, 115, 256-260.	2.6	21
90	Micropatterned ZnO rod arrays prepared by Au-catalyzed electroless deposition. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 648-652.	2.4	4

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91	Influence of morphology on the emissive properties of dye-doped PVP nanofibers produced by electrospinning. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1365-1371.	4.0	16
92	Significant enhancement of the critical current density for cubic BN addition into <i>ex situ</i> spark plasma sintered MgB <sub>2</sub> . <i>Superconductor Science and Technology</i> , 2014, 27, 095013.	3.5	23
93	Superhydrophobic ZnO networks with high water adhesion. <i>Nanoscale Research Letters</i> , 2014, 9, 385.	5.7	23
94	Addition of Ho <sub>2</sub> O <sub>3</sub> of different types to MgB <sub>2</sub> in the ex-situ Spark Plasma Sintering: Simultaneous control of the critical current density at low and high magnetic fields. <i>Materials Chemistry and Physics</i> , 2014, 146, 313-323.	4.0	15
95	High magnetic field enhancement of the critical current density by Ge, GeO <sub>2</sub> and Ge <sub>2</sub> C <sub>6</sub> H <sub>10</sub> O <sub>7</sub> additions to MgB <sub>2</sub> . <i>Scripta Materialia</i> , 2014, 82, 61-64.	5.2	22
96	Cell Adhesion Response on Femtosecond Laser Initiated Liquid Assisted Silicon Surface. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 624-629.	2.1	2
97	Zinc Oxide and Polysaccharides: Promising Candidates for Functional Nanomaterials. <i>Springer Series in Materials Science</i> , 2014, , 109-136.	0.6	1
98	Silicon bump arrays by near-field enhanced femtosecond laser irradiation in fluorine liquid precursors. <i>Applied Surface Science</i> , 2013, 278, 301-304.	6.1	5
99	Single bath electrodeposition of samarium oxide/zinc oxide nanostructured films with intense, broad luminescence. <i>Electrochimica Acta</i> , 2013, 95, 170-178.	5.2	4
100	Functionalized magnetite silica thin films fabricated by MAPLE with antibiofilm properties. <i>Biofabrication</i> , 2013, 5, 015007.	7.1	36
101	Periodic arrays of nanostructures in silicon and gallium arsenide by near-field enhanced laser irradiation in liquid precursors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 418, 47-51.	4.7	3
102	Superhydrophobic properties of cotton fabrics functionalized with ZnO by electroless deposition. <i>Materials Chemistry and Physics</i> , 2013, 138, 253-261.	4.0	62
103	Te and SiC co-doped MgB <sub>2</sub> obtained by an ex situ spark plasma sintering technique. <i>Scripta Materialia</i> , 2013, 68, 428-431.	5.2	18
104	Antimicrobial activity of biopolymer-antibiotic thin films fabricated by advanced pulsed laser methods. <i>Applied Surface Science</i> , 2013, 278, 211-213.	6.1	14
105	MgB <sub>2</sub> with Addition of Bi <sub>2</sub> O <sub>3</sub> Obtained by Spark Plasma Sintering Technique. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1553-1556.	1.8	5
106	Direct sintering of SiC-W composites with enhanced thermal conductivity. <i>Fusion Engineering and Design</i> , 2013, 88, 2598-2602.	1.9	13
107	Polymer Sphere Array Assisted ZnO Electroless Deposition. <i>Soft Materials</i> , 2013, 11, 457-464.	1.7	10
108	The genetics and neuropathology of neurodegenerative disorders: perspectives and implications for research and clinical practice. <i>Acta Neuropathologica</i> , 2012, 124, 297-303.	7.7	12



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109	Optical and electrical properties of arylenevinylene compounds thin films prepared by vacuum evaporation. <i>Synthetic Metals</i> , 2012, 161, 2612-2617.	3.9	7
110	Large scale microstructuring on silicon surface in air and liquid by femtosecond laser pulses. <i>Applied Surface Science</i> , 2012, 258, 9314-9317.	6.1	11
111	Sm <sup>3+</sup> -doped Sc <sub>2</sub> O <sub>3</sub> polycrystalline ceramics: Spectroscopic investigation. <i>Journal of Alloys and Compounds</i> , 2012, 535, 78-82.	5.5	8
112	Luminescent micro- and nanofibers based on novel europium phthalate complex. <i>Materials Chemistry and Physics</i> , 2012, 136, 51-58.	4.0	2
113	Synthesis and characterization of bead-like particles based on chitosan and vinyl polymers. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	9
114	ZnO morphological, structural and optical properties control by electrodeposition potential sweep rate. <i>Materials Chemistry and Physics</i> , 2012, 134, 988-993.	4.0	13
115	Enhancement of critical current density and irreversibility field by Te or TeO <sub>2</sub> addition to MgB <sub>2</sub> bulk processed by spark plasma sintering. <i>Scripta Materialia</i> , 2012, 66, 570-573.	5.2	20
116	Synthesis of CdS nanostructures using template-assisted ammonia-free chemical bath deposition. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1082-1089.	4.0	4
117	MgB <sub>2</sub> with addition of Sb <sub>2</sub> O <sub>3</sub> obtained by spark plasma sintering technique. <i>Journal of Materials Science</i> , 2012, 47, 3828-3836.	3.7	15
118	Spectroscopic characteristics of Dy <sup>3+</sup> doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> transparent ceramics. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	60
119	Luminescent Dye-Doped KAP Nanorods Obtained by Template Assisted Crystallization. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3943-3948.	0.9	3
120	One Hundred Years since the Discovery of the "Umami" Taste from Seaweed Broth by Kikunae Ikeda, who Transcended his Time. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1659-1663.	3.3	20
121	Effect of aqueous comonomer solubility on the surfactant-free emulsion copolymerization of methyl methacrylate. <i>Journal of Polymer Research</i> , 2011, 18, 25-30.	2.4	14
122	Hydrogen Generation from Photocatalytic Silver   Zinc Oxide Nanowires: Towards Multifunctional Multisegmented Nanowire Devices. <i>Small</i> , 2011, 7, 2709-2713.	10.0	24
123	Substrate-target distance dependence of structural and optical properties in case of Pb(Zr,Ti)O <sub>3</sub> films obtained by pulsed laser deposition. <i>Applied Surface Science</i> , 2011, 257, 5938-5943.	6.1	36
124	Temperature-dependent refractive index of potassium acid phthalate (KAP) in the visible and near-infrared. <i>Optical Materials</i> , 2011, 33, 812-816.	3.6	6
125	Intensity parameters of Tm <sup>3+</sup> doped Sc <sub>2</sub> O <sub>3</sub> transparent ceramic laser material. <i>Optical Materials</i> , 2011, 33, 501-505.	3.6	16
126	Polymer-assisted crystallization of low-dimensional lead sulfide particles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 43, 1826-1832.	2.7	2



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127	Silicon structuring by etching with liquid chlorine and fluorine precursors using femtosecond laser pulses. <i>Journal of Applied Physics</i> , 2011, 110, 034901.	2.5	19
128	Synthesis and properties of poly(methyl methacrylate-2-acrylamido-2-methylpropane sulfonic acid)/PbS hybrid composite. <i>Materials Research Bulletin</i> , 2010, 45, 1008-1012.	5.2	16
129	Luminescence of dye-doped KAP and KDP nanorods. <i>Radiation Measurements</i> , 2010, 45, 602-604.	1.4	4
130	Morphological and optical properties of doped potassium hydrogen phthalate crystals. <i>Physica B: Condensed Matter</i> , 2010, 405, 3722-3727.	2.7	32
131	Growth and optical characteristics of coumarin 6 doped potassium hydrogen phthalate (KAP) crystals. <i>Optical Materials</i> , 2009, 32, 281-285.	3.6	31
132	Influence of polyvinylpyrrolidone as an additive in electrochemical preparation of ZnO nanowires and nanostructured thin films. <i>Surface and Interface Analysis</i> , 2008, 40, 556-560.	1.8	5
133	Optical spectroscopy of Yb <sup>2+</sup> ions in YbF <sub>3</sub> -doped CaF <sub>2</sub> crystals. <i>Journal of Crystal Growth</i> , 2008, 310, 2026-2032.	1.5	26
134	Transport properties of electrodeposited ZnO nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2504-2507.	2.7	20
135	Electrical properties of electrodeposited CdS nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2485-2488.	2.7	19
136	Functional Outcomes Can Vary by Dose: Learning-Based Sensorimotor Training for Patients Stable Poststroke. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 494-504.	2.9	78
137	Preparation and Properties of Transition Metal Doped ZnO Nanowires. <i>ECS Transactions</i> , 2008, 16, 41-46.	0.5	8
138	Unwitting distributed genetic programming via asynchronous JavaScript and XML. , 2007, , .		30
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