

Barbara KoÅ>cielska

List of Publications by Year in descending order

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516215

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times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Carnivorous plants used for green synthesis of silver nanoparticles with broad-spectrum antimicrobial activity. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1415-1428.	2.3	68
2	Eu ³⁺ doped tellurite glass ceramics containing SrF ₂ nanocrystals: Preparation, structure and luminescence properties. <i>Journal of Alloys and Compounds</i> , 2017, 696, 619-626.	2.8	34
3	The influence of ammonia and selected amines on the characteristics of calcium carbonate precipitated from calcium chloride solutions via carbonation. <i>Materials Chemistry and Physics</i> , 2017, 193, 13-18.	2.0	33
4	Effect of some organic solvent-water mixtures composition on precipitated calcium carbonate in carbonation process. <i>Journal of Crystal Growth</i> , 2015, 418, 25-31.	0.7	25
5	The photoconductivity of sol-gel derived TiO ₂ films. <i>Optical Materials</i> , 2004, 26, 151-153.	1.7	24
6	From structure to luminescence investigation of oxyfluoride transparent glasses and glass-ceramics doped with Eu ³⁺ /Dy ³⁺ ions. <i>Journal of Alloys and Compounds</i> , 2019, 806, 1410-1418.	2.8	24
7	Controlling the size and morphology of precipitated calcite particles by the selection of solvent composition. <i>Journal of Crystal Growth</i> , 2017, 478, 102-110.	0.7	23
8	The influence of nanostructure size on V ₂ O ₅ electrochemical properties as cathode materials for lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 55689-55697.	1.7	22
9	Structural investigations of nitrated Nb ₂ O ₅ and Nb ₂ O ₅ -SiO ₂ sol-gel derived films. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4349-4353.	1.5	19
10	Emission enhancement of Eu(III) and/or Tb(III) ions entrapped in silica xerogels with ZnO nanoparticles by energy transfer. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 4183-4189.	1.5	18
11	Tailored white light emission in Eu ³⁺ /Dy ³⁺ doped tellurite glass phosphors containing Al ³⁺ ions. <i>Optical Materials</i> , 2018, 79, 289-295.	1.7	18
12	On electrical and photoconductive properties of mixed Nb ₂ O ₅ /TiO ₂ sol-gel thin films. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2042-2048.	1.5	17
13	Electrical conductivity and relaxation processes in V ₂ O ₅ nanorods prepared by sol-gel method. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2111-2116.	0.7	17
14	Substrate Dependence in the Formation of Au Nanoislands for Plasmonic Platform Application. <i>Plasmonics</i> , 2020, 15, 101-107.	1.8	17
15	Luminescent properties of Ln ³⁺ doped tellurite glasses containing AlF ₃ . <i>Optical Materials</i> , 2016, 59, 70-75.	1.7	16
16	Evolution of Ag nanostructures created from thin films: UV-vis absorption and its theoretical predictions. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 494-507.	1.5	16
17	Au-Si plasmonic platforms: synthesis, structure and FDTD simulations. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2599-2608.	1.5	15
18	Influence of Selected Saccharides on the Precipitation of Calcium-Vaterite Mixtures by the CO ₂ Bubbling Method. <i>Crystals</i> , 2019, 9, 117.	1.0	15

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19	Structural and luminescent study of TeO ₂ -BaO-Bi ₂ O ₃ -Ag glass system doped with Eu ³⁺ and Dy ³⁺ for possible color-tunable phosphor application. <i>Optical Materials</i> , 2018, 79, 390-396.	1.7	14
20	From Structure to Luminescent Properties of B ₂ O ₃ -Bi ₂ O ₃ -SrF ₂ Glass and Glass-Ceramics Doped with Eu ³⁺ Ions. <i>Materials</i> , 2021, 14, 4490.	1.3	14
21	Precipitation and Transformation of Vaterite Calcium Carbonate in the Presence of Some Organic Solvents. <i>Materials</i> , 2020, 13, 2742.	1.3	13
22	Effect of selected ammonia escape inhibitors on carbon dioxide capture and utilization via calcium carbonate precipitation. <i>Journal of CO₂ Utilization</i> , 2020, 42, 101298.	3.3	12
23	Photovoltaic properties of a sandwich cell consisting of bromophosphorus phthalocyanine and titanium dioxide layers. <i>Optical Materials</i> , 2005, 27, 1480-1483.	1.7	11
24	On photovoltaic effect in hybrid heterojunction formed from palladium phthalocyanine and titanium dioxide layers. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1405-1407.	1.5	11
25	Experimental tuning of AuAg nanoalloy plasmon resonances assisted by machine learning method. <i>Applied Surface Science</i> , 2021, 567, 150802.	3.1	11
26	Precipitation of Spherical Vaterite Particles via Carbonation Route in the Bubble Column and the Gas-Lift Reactor. <i>Jom</i> , 2019, 71, 1041-1048.	0.9	10
27	Two kinds of oxygen vacancies in lithium titanate doped with copper as detected by EPR. <i>Solid State Sciences</i> , 2020, 106, 106337.	1.5	10
28	Structural and luminescence investigation of GeO ₂ -PbO-Bi ₂ O ₃ -SrF ₂ glasses doped with Eu ³⁺ , Tb ³⁺ and Tm ³⁺ ions. <i>Journal of Non-Crystalline Solids</i> , 2017, 462, 41-46.	1.5	9
29	Heat Treatment Effect on Eu ³⁺ Doped TeO ₂ -BaO-Bi ₂ O ₃ Glass Systems with Ag Nanoparticles. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-12.	1.5	9
30	Electrical conductivity of NbNâ€“SiO ₂ films obtained by ammonolysis of Nb ₂ O ₅ â€“SiO ₂ solâ€“gel derived coatings. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 1549-1552.	1.5	8
31	New plasmonic platform for enhanced luminescence of Valrubicin. <i>Optical Materials</i> , 2018, 83, 225-228.	1.7	8
32	Tailoring the Size and Shapeâ€”New Path for Ammonium Metavanadate Synthesis. <i>Materials</i> , 2019, 12, 3446.	1.3	6
33	The study of structure and surface morphology of lithium titanate solâ€“gel derived thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 575-578.	1.9	5
34	XAFS investigations of nitrated NbNâ€“SiO ₂ solâ€“gel derived films. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 969-974.	1.5	3
35	Structure and optical parameters of Eu doped tellurium oxide thin films prepared by reactive magnetron sputtering method. <i>Thin Solid Films</i> , 2019, 691, 137592.	0.8	3
36	Structure, luminescent properties and FDTD simulation of TeO ₂ -BaO-Bi ₂ O ₃ -Ag:Ln ³⁺ glass-ceramics system. <i>Journal of Luminescence</i> , 2019, 214, 116539.	1.5	1

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37	Plasmon-enhanced photoluminescence from TiO ₂ and TeO ₂ thin films doped by Eu ³⁺ for optoelectronic applications. Beilstein Journal of Nanotechnology, 2021, 12, 1271-1278.	1.5	1
38	Structure of sol-gel derived Nb ₂ O ₅ films for active coating devices. Photonics Letters of Poland, 2011, 3, .	0.2	0