Barbara KoÅ›cielska

List of Publications by Year
in descending order

38 papers	580 citations	516215 16 h-index	676716 22 g-index
39 all docs	39 docs citations	39 times ranked	794 citing authors

#	Article	IF	Citations
1	From Structure to Luminescent Properties of B2O3-Bi2O3-SrF2 Glass and Glass-Ceramics Doped with Eu3+ Ions. Materials, 2021, 14, 4490.	1.3	14
2	Experimental tuning of AuAg nanoalloy plasmon resonances assisted by machine learning method. Applied Surface Science, 2021, 567, 150802.	3.1	11
3	Plasmon-enhanced photoluminescence from TiO2 and TeO2 thin films doped by Eu3+ for optoelectronic applications. Beilstein Journal of Nanotechnology, 2021, 12, 1271-1278.	1.5	1
4	Carnivorous plants used for green synthesis of silver nanoparticles with broad-spectrum antimicrobial activity. Arabian Journal of Chemistry, 2020, 13, 1415-1428.	2.3	68
5	Substrate Dependence in the Formation of Au Nanoislands for Plasmonic Platform Application. Plasmonics, 2020, 15, 101-107.	1.8	17
6	Effect of selected ammonia escape inhibitors on carbon dioxide capture and utilization via calcium carbonate precipitation. Journal of CO2 Utilization, 2020, 42, 101298.	3.3	12
7	Evolution of Ag nanostructures created from thin films: UVâ€“vis absorption and its theoretical predictions. Beilstein Journal of Nanotechnology, 2020, 11, 494-507.	1.5	16
8	Two kinds of oxygen vacancies in lithium titaniate doped with copper as detected by EPR. Solid State Sciences, 2020, 106, 106337.	1.5	10
9	Precipitation and Transformation of Vaterite Calcium Carbonate in the Presence of Some Organic Solvents. Materials, 2020, 13, 2742.	1.3	13
10	From structure to luminescence investigation of oxyfluoride transparent glasses and glass-ceramics doped with Eu3+/Dy3+ ions. Journal of Alloys and Compounds, 2019, 806, 1410-1418.	2.8	24
11	Structure and optical parameters of Eu doped tellurium oxide thin films prepared by reactive magnetron sputtering method. Thin Solid Films, 2019, 691, 137592.	0.8	3
12	Influence of Selected Saccharides on the Precipitation of Calcium-Vaterite Mixtures by the CO2 Bubbling Method. Crystals, 2019, 9, 117.	1.0	15
13	Structure, luminescent properties and FDTD simulation of TeO2-BaO-Bi2O3-Ag:Ln3+ glass-ceramics system. Journal of Luminescence, 2019, 214, 116539.	1.5	1
14	Tailoring the Size and Shapeâ€”New Path for Ammonium Metavanadate Synthesis. Materials, 2019, 12, 3446.	1.3	6
15	Precipitation of Spherical Vaterite Particles via Carbonation Route in the Bubble Column and the Gas-Lift Reactor. Jom, 2019, 71, 1041-1048.	0.9	10
16	Tailored white light emission in Eu3+/Dy3+ doped tellurite glass phosphors containing Al3+ ions. Optical Materials, 2018, 79, 289-295.	1.7	18
17	Structural and luminescent study of TeO2-BaO-Bi2O3-Ag glass system doped with Eu3+ and Dy3+ for possible color-tunable phosphor application. Optical Materials, 2018, 79, 390-396.	1.7	14
18	Auâ€“Si plasmonic platforms: synthesis, structure and FDTD simulations. Beilstein Journal of Nanotechnology, 2018, 9, 2599-2608.	1.5	15

#	Article	IF	Citations
19	New plasmonic platform for enhanced luminescence of Valrubicin. Optical Materials, 2018, 83, 225-228.	1.7	8
20	The influence of ammonia and selected amines on the characteristics of calcium carbonate precipitated from calcium chloride solutions via carbonation. Materials Chemistry and Physics, 2017, 193, 13-18.	2.0	33
21	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. Journal of Non-Crystalline Solids, 2017, 462, 41-46.	1.5	9
22	Eu3+ doped tellurite glass ceramics containing SrF2 nanocrystals: Preparation, structure and luminescence properties. Journal of Alloys and Compounds, 2017, 696, 619-626.	2.8	34
23	Controlling the size and morphology of precipitated calcite particles by the selection of solvent composition. Journal of Crystal Growth, 2017, 478, 102-110.	0.7	23
24	Heat Treatment Effect on Eu³⁺ Doped TeO₂-BaO-Bi₂O₃ Glass Systems with Ag Nanoparticles. Journal of Nanomaterials, 2017, 2017, 1-12.	1.5	9
25	The influence of nanostructure size on V₂O₅electrochemical properties as cathode materials for lithium ion batteries. RSC Advances, 2016, 6, 55689-55697.	1.7	22
26	Luminescent properties of Ln3+ doped tellurite glasses containing AlF3. Optical Materials, 2016, 59, 70-75.	1.7	16
27	Electrical conductivity and relaxation processes in V₂O₅ nanorods prepared by solâ€“gel method. Physica Status Solidi (B): Basic Research, 2015, 252, 2111-2116.	0.7	17
28	Effect of some organic solventâ€“water mixtures composition on precipitated calcium carbonate in carbonation process. Journal of Crystal Growth, 2015, 418, 25-31.	0.7	25
29	The study of structure and surface morphology of lithium titanate solâ€“gel derived thin films. Journal of Physics and Chemistry of Solids, 2013, 74, 575-578.	1.9	5
30	XAFS investigations of nitrided NbNâ€“SiO2 solâ€“gel derived films. Journal of Non-Crystalline Solids, 2012, 358, 969-974.	1.5	3
31	Structure of sol-gel derived Nb2O5 films for active coating devices. Photonics Letters of Poland, 2011, 3, .	0.2	0
32	On electrical and photoconductive properties of mixed Nb2O5/TiO2 solâ€“gel thin films. Journal of Non-Crystalline Solids, 2010, 356, 2042-2048.	1.5	17
33	On photovoltaic effect in hybrid heterojunction formed from palladium phthalocyanine and titanium dioxide layers. Journal of Non-Crystalline Solids, 2009, 355, 1405-1407.	1.5	11
34	Electrical conductivity of NbNâ€“SiO2 films obtained by ammonolysis of Nb2O5â€“SiO2 solâ€“gel derived coatings. Journal of Non-Crystalline Solids, 2008, 354, 1549-1552.	1.5	8
35	Structural investigations of nitrided Nb2O5 and Nb2O5â€“SiO2 solâ€“gel derived films. Journal of Non-Crystalline Solids, 2008, 354, 4349-4353.	1.5	19
36	Emission enhancement of Eu(III) and/or Tb(III) ions entrapped in silica xerogels with ZnO nanoparticles by energy transfer. Journal of Non-Crystalline Solids, 2006, 352, 4183-4189.	1.5	18

#	Article	IF	Citations
37	Photovoltaic properties of a sandwich cell consisting of bromophosphorus phthalocyanine and titanium dioxide layers. Optical Materials, 2005, 27, 1480-1483.	1.7	11
38	The photoconductivity of solâ€“gel derived TiO2 films. Optical Materials, 2004, 26, 151-153.	1.7	24