Dragana J JovanoviÄ

List of Publications by Year
in descending order

30 papers	1,953 citations	361413 20 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2877 citing authors

#	Article	IF	Citations
1	Photoluminescence of Anatase and Rutile TiO2Particlesâ€. Journal of Physical Chemistry B, 2006, 110, 25366-25370.	2.6	407
2	Enhanced photocatalytic degradation of methylene blue and methyl orange by ZnO:Eu nanoparticles. Applied Catalysis B: Environmental, 2017, 203, 740-752.	20.2	297
3	Multifunctional Eu3+- and Er3+/Yb3+-doped GdVO4 nanoparticles synthesized by reverse micelle method. Scientific Reports, 2014, 4, 4209.	3.3	200
4	Pulsed Laser Deposited Dysprosiumâ€Doped Gadoliniumâ€“Vanadate Thin Films for Noncontact, Selfâ€Referencing Luminescence Thermometry. Advanced Materials, 2016, 28, 7745-7752.	21.0	115
5	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. Journal of Applied Physics, 2015, 118, .	2.5	102
6	Temperature dependence of emission and lifetime in Eu³⁺- and Dy³⁺-doped GdVO₄. Applied Optics, 2013, 52, 1716.	1.8	88
7	Luminescence of Cr3+ ions in ZnAl2O4 and MgAl2O4 spinels: correlation between experimental spectroscopic studies and crystal field calculations. Journal of Luminescence, 2016, 177, 145-151.	3.1	86
8	Luminescence thermometry with Zn2SiO4:Mn2+ powder. Applied Physics Letters, 2013, 103, .	3.3	80
9	Neodymiumâ€Based Stoichiometric Ultrasmall Nanoparticles for Multifunctional Deepâ€Tissue Photothermal Therapy. Advanced Optical Materials, 2016, 4, 782-789.	7.3	73
10	Europium-doped GdVO4 nanocrystals as a luminescent probe for hydrogen peroxide and for enzymatic sensing of glucose. Sensors and Actuators B: Chemical, 2017, 241, 349-356.	7.8	61
11	Structural, optical and crystal field analyses of undoped and Mn2+-doped ZnS nanoparticles synthesized via reverse micelle route. Journal of Luminescence, 2014, 146, 133-140.	3.1	60
12	Multicolor upconversion luminescence of GdVO4:Ln3+/Yb3+ (Ln3+Â=ÂHo3+, Er3+, Tm3+, Ho3+/Er3+/Tm3+) nanorods. Dyes and Pigments, 2016, 126, 1-7.	3.7	58
13	Ultrasonic spray pyrolysis of surface modified TiO2 nanoparticles withÂdopamine. Materials Chemistry and Physics, 2013, 143, 233-239.	4.0	37
14	Effects of Ho3+ and Yb3+ doping concentrations and Li+ co-doping on the luminescence of GdVO4 powders. Optical Materials, 2015, 45, 76-81.	3.6	37
15	Enhancement of luminescence emission from GdVO4:Er3+/Yb3+ phosphor by Li+ co-doping. Journal of Solid State Chemistry, 2014, 217, 92-98.	2.9	36
16	Annealing effects on the microstructure and photoluminescence of Eu3+-doped GdVO4 powders. Optical Materials, 2013, 35, 1797-1804.	3.6	34
17	Synthesis and characterization of shaped ZnS nanocrystals in water in oil microemulsions. Materials Letters, 2007, 61, 4396-4399.	2.6	27
18	Synthesis, strong room-temperature PL and photocatalytic activity of ZnO/ZnWO4 rod-like nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 645-651.	3.5	27

#	Article	IF	Citations
19	Photoluminescence properties and thermal stability of RE2-xEuxSn2O7 (REâ€¯=â€¯Y3+, Gd3+, Lu3+) red nanophosphors: An experimental and theoretical study. Powder Technology, 2019, 346, 150-159.	4.2	26
20	Surface modification of submicronic TiO2 particles prepared by ultrasonic spray pyrolysis for visible light absorption. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	22
21	Thermographic properties of Sm³⁺-doped GdVO₄phosphor. Physica Scripta, 2012, T149, 014063.	2.5	18
22	Europium(III)-doped A2Hf2O7 (AÂ=ÂY, Gd, Lu) nanoparticles: Influence of annealing temperature, europium(III) concentration and host cation on the luminescent properties. Optical Materials, 2016, 61, 68-76.	3.6	18
23	Annealing effect on the photoluminescence properties of Ce3+ doped YPO4 nanophosphors. Optical Materials, 2019, 91, 35-41.	3.6	8
24	Colloidal-chemistry based synthesis of quantized CuInS2/Se2 nanoparticles. Journal of the Serbian Chemical Society, 2012, 77, 789-797.	0.8	7
25	Crystal structure studies on plate/shelf like disodium ditungstate. Bulletin of Materials Science, 2013, 36, 149-152.	1.7	7
26	Structure of Disodium Dimolybdate Synthesized Using Thermodynamically Stable Molybdenum (VI) Oxide Clusters as Precursors. Journal of the American Ceramic Society, 2009, 92, 2467-2470.	3.8	6
27	Aerosol-assisted processing of hierarchically organised TiO<SUB align="right">2 nanoparticles. International Journal of Materials and Product Technology, 2015, 50, 221.	0.2	6
28	Novel Lowâ€Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. Journal of the American Ceramic Society, 2007, 90, 4030-4032.	3.8	4
29	Up-conversion luminescence of Tm³⁺sensitized by Yb³⁺ions in GdVO₄. Physica Scripta, 2013, T157, 014055.	2.5	3
30	Spherical assemblies of titania nanotubes generated through aerosol processing. Ceramics International, 2015, 41, 14754-14759.	4.8	3