Marko G Nikolic

List of Publications by Year
in descending order

27 papers	1,373 citations	448610 19 h-index	620720 26 g-index
28 all docs	28 docs citations	28 times ranked	1963 citing authors

#	Article	IF	Citations
1	Calcium phosphate nanoparticles as intrinsic inorganic antimicrobials: In search of the key particle property. Biointerphases, 2019, 14, 031001.	0.6	26
2	Rare-earth (Gd3+,Yb3+/Tm3+, Eu3+) co-doped hydroxyapatite as magnetic, up-conversion and down-conversion materials for multimodal imaging. Scientific Reports, 2019, 9, 16305.	1.6	74
3	Observation of second harmonic generation in doped polymeric carbon monoxide. Materials Letters, 2019, 256, 126629.	1.3	1
4	Polymorphism and photoluminescence properties of K₃ErSi₂O₇. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1417-1423.	0.2	1
5	One-step synthesis of amino-functionalized up-converting NaYF₄:Yb,Er nanoparticles forin vitrocell imaging. RSC Advances, 2018, 8, 27429-27437.	1.7	8
6	NIR photo-driven upconversion in NaYF4:Yb,Er/PLGA particles for in vitro bioimaging of cancer cells. Materials Science and Engineering C, 2018, 91, 597-605.	3.8	20
7	Photoluminescent properties of spider silk coated with Eu-doped nanoceria. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	2
8	WO3/TiO2 composite coatings: Structural, optical and photocatalytic properties. Materials Research Bulletin, 2016, 83, 217-224.	2.7	57
9	Synthesis and characterization of nanocrystaline hexagonal boron nitride powders: XRD and luminescence properties. Ceramics International, 2016, 42, 16655-16658.	2.3	75
10	Luminescence thermometry via the two-dopant intensity ratio of Y2O3:Er3+, Eu3+. Journal Physics D: Applied Physics, 2016, 49, 485104.	1.3	19
11	Temperature quenching of luminescence emission in Eu3+- and Sm3+-doped YNbO4 powders. Journal of Luminescence, 2014, 151, 82-87.	1.5	61
12	Comparative structural and photoluminescent study of Eu3+-doped La2O3 and La(OH)3 nanocrystalline powders. Journal of Physics and Chemistry of Solids, 2014, 75, 276-282.	1.9	21
13	Strong emission via up-conversion of Gd2O3:Yb3+, Ho3+ nanopowders co-doped with alkali metals ions. Journal of Luminescence, 2014, 145, 466-472.	1.5	36
14	Luminescence thermometry below room temperature via up-conversion emission of Y2O3:Yb3+,Er3+ nanophosphors. Journal of Applied Physics, 2014, 115, .	1.1	145
15	Temperature sensing with Eu3+ doped TiO2 nanoparticles. Sensors and Actuators B: Chemical, 2014, 201, 46-50.	4.0	123
16	Eu3+-doped (Y0.5La0.5)2O3: new nanophosphor with the bixbyite cubic structure. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	6
17	Y2O3:Yb,Tm and Y2O3:Yb,Ho powders for low-temperature thermometry based on up-conversion fluorescence. Ceramics International, 2013, 39, 1129-1134.	2.3	136
18	Surface modification of anatase nanoparticles with fused ring salicylate-type ligands (3-hydroxy-2-naphthoic acids): a combined DFT and experimental study of optical properties. Nanoscale, 2013, 5, 7601.	2.8	46

#	Article	IF	Citations
19	Eu3+ doped YNbO4 phosphor properties for fluorescence thermometry. Radiation Measurements, 2013, 56, 143-146.	0.7	43
20	Temperature dependence of emission and lifetime in Eu³⁺- and Dy³⁺-doped GdVO₄. Applied Optics, 2013, 52, 1716.	0.9	88
21	Luminescence thermometry with Zn2SiO4:Mn2+ powder. Applied Physics Letters, 2013, 103, .	1.5	80
22	Processing and characterization of up-converting Er3+ doped (Lu0.5Y0.5)2O3 nanophosphor. International Journal of Materials Research, 2013, 104, 216-221.	0.1	4
23	Multisite luminescence of rare earth doped TiO2 anatase nanoparticles. Materials Chemistry and Physics, 2012, 135, 1064-1069.	2.0	117
24	Preparation of Y2O3:Eu3+ nanopowders via polymer complex solution method and luminescence properties of the sintered ceramics. Ceramics International, 2011, 37, 525-531.	2.3	67
25	Juddâ€“Ofelt analysis of luminescence emission from Zn2SiO4:Eu3+ nanoparticles obtained by a polymer-assisted solâ€“gel method. Physica B: Condensed Matter, 2011, 406, 2319-2322.	1.3	75
26	Low-cost, portable photoacoustic setup for solid samples. Measurement Science and Technology, 2009, 20, 095902.	1.4	42
27	<title>Koester's interferometer modification for gauge blocks calibration</title>. , 2007, 6604, 176.		0