

# Bojana MiliÄeviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

507  
citations

686830

13  
h-index

676716

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eu <sup>3+</sup> -Activated Sr <sub>3</sub> ZnTa <sub>2</sub> O <sub>9</sub> single-component white light phosphors: emission intensity enhancement and color rendering improvement. Journal of Materials Chemistry C, 2019, 7, 2596-2603.	2.7	63
2	High moisture resistance of an efficient Mn <sup>4+</sup> -activated red phosphor Cs <sub>2</sub> NbOF <sub>5</sub> :Mn <sup>4+</sup> for WLEDs. Chemical Engineering Journal, 2021, 405, 126678.	6.6	61
3	Single-Crystal Red Phosphors and Their Core-Shell Structure for Improved Water-Resistance for Laser Diodes Applications. Angewandte Chemie - International Edition, 2021, 60, 3940-3945.	7.2	46
4	Li <sub>2</sub> TiO <sub>3</sub> :Mn <sup>4+</sup> Deep-Red Phosphor for the Lifetime-Based Luminescence Thermometry. ChemistrySelect, 2019, 4, 7067-7075.	0.7	41
5	Characterization of cereal flours by fluorescence spectroscopy coupled with PARAFAC. Food Chemistry, 2017, 229, 165-171.	4.2	37
6	$\text{Li}^+$ co-doping on properties of $\text{Eu}^{3+}$ activated $\text{TiO}_2$ anatase nanoparticles. Optical Materials, 2017, 72, 316-322.	1.0	29
7	Improving thermal stability of novel single-component white-light emitting phosphor $\text{Ca}_8\text{MgLu}(\text{PO}_4)_7:\text{Tm}^{3+}, \text{Dy}^{3+}$ by back-energy-transfer. Journal of Luminescence, 2020, 227, 117516.	1.5	26
8	Double sites occupancy of Mn <sup>4+</sup> in Cs <sub>2</sub> NaAlF <sub>6</sub> with enhanced photoluminescence for white light-emitting diodes. Journal of Alloys and Compounds, 2020, 832, 154884.	2.8	21
9	The comparative kinetic analysis of the non-isothermal crystallization process of Eu <sup>3+</sup> doped Zn <sub>2</sub> SiO <sub>4</sub> powders prepared via polymer induced sol-gel method. Powder Technology, 2013, 249, 497-512.	2.1	20
10	Improved thermal stability of luminescence by anion modification in Na <sub>2</sub> Y(MoO <sub>4</sub> )(PO <sub>4</sub> ):Tb <sup>3+</sup> ,Eu <sup>3+</sup> red-emitting phosphors. Journal of Alloys and Compounds, 2020, 837, 155438.	2.8	18
11	The influence of gamma irradiation on the color change of wool, linen, silk, and cotton fabrics used in cultural heritage artifacts. Radiation Physics and Chemistry, 2019, 156, 307-313.	1.4	16
12	Effects of Li <sup>+</sup> co-doping on properties of Eu <sup>3+</sup> activated TiO <sub>2</sub> anatase nanoparticles. Optical Materials, 2017, 72, 316-322.	1.7	14
13	Single-Crystal Red Phosphors and Their Core-Shell Structure for Improved Water-Resistance for Laser Diodes Applications. Angewandte Chemie, 2021, 133, 3986-3991.	1.6	14
14	Polycrystalline (Y <sub>0.7</sub> Gd <sub>0.3</sub> ) <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> ceramics fabricated by Spark Plasma Sintering: Densification and microstructure development. Ceramics International, 2014, 40, 8853-8862.	2.3	12
15	Charge-transfer complex formation between TiO <sub>2</sub> nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. Optical Materials, 2017, 73, 163-171.	1.7	12
16	Na <sub>2</sub> Tb <sub>0.5</sub> (MoO <sub>4</sub> )(PO <sub>4</sub> ):0.5Eu <sup>3+</sup> : A red-emitting phosphor with both high thermal stability and high colour purity. Optical Materials, 2019, 97, 109376.	1.7	12
17	Non-isothermal crystallization kinetics of Y <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . Powder Technology, 2017, 310, 67-73.	2.1	11
18	Changes of Color and Fluorescence of Resin Composites Immersed in Beer. Journal of Esthetic and Restorative Dentistry, 2016, 28, 330-338.	1.8	9

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19	(Ca <sub>0.8</sub> Mg <sub>0.2</sub> Cl <sub>2</sub> /SiO <sub>2</sub> ):Eu <sup>2+</sup> : a violet-blue emitting phosphor with a low UV content for UV-LED based phototherapy illuminators. <i>New Journal of Chemistry</i> , 2019, 43, 3921-3926.	1.4	8
20	Non-isothermal crystallization kinetics of the heavy-group lanthanide dititanates. <i>Optical Materials</i> , 2017, 74, 86-92.	1.7	7
21	Rare Earthâ€Doped Anatase TiO <sub>2</sub> Nanoparticles. , 0, , .		7
22	A facile self-passivation strategy for improving moisture-resistance of fluoride red phosphors without surface modification. <i>Optical Materials</i> , 2021, 117, 111184.	1.7	7
23	The enhancement of emission intensity and enlargement of color gamut by a simple local structure substitution with highly thermal stability preserved. <i>Optical Materials</i> , 2019, 95, 109201.	1.7	5
24	Organic solvent-assisted co-precipitation synthesis of red-emitting K <sub>2</sub> TiF <sub>6</sub> :Mn phosphors with improved quantum efficiency and optimized morphology. <i>Dalton Transactions</i> , 2022, 51, 1378-1383.	1.6	4
25	Visible light absorption of TiO <sub>2</sub> nanoparticles surface-modified with vitamin B6: A comparative experimental and DFT study. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 899-909.	0.4	2
26	Efficiency of the interfacial charge transfer complex between TiO <sub>2</sub> nanoparticles and caffeic acid against DNA damage in vitro: A combinatorial analysis. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 539-553.	0.4	2
27	Discoloration of resin based composites in natural juices and energy drinks. <i>Vojnosanitetski Pregled</i> , 2018, 75, 787-794.	0.1	2
28	Radiation effects on luminescent and structural properties of YPO <sub>4</sub> : Pr <sup>3+</sup> nanophosphors. <i>Radiation Effects and Defects in Solids</i> , 2018, 173, 1054-1067.	0.4	1