

# Rana Kibar

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

116  
citations

1478505

6  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, optical, luminescence properties and energy transfer mechanism of Tb <sup>3+</sup> /Eu <sup>3+</sup> -co-doped SrLa <sub>2</sub> (MoO <sub>4</sub> ) <sub>4</sub> phosphors produced by sol-gel process. <i>Journal of Alloys and Compounds</i> , 2019, 789, 932-940.	5.5	22
2	Detailed luminescence (RL, PL, CL, TL) behaviors of Tb <sup>3+</sup> and Dy <sup>3+</sup> doped LiMgPO <sub>4</sub> synthesized by sol-gel method. <i>Journal of Luminescence</i> , 2020, 225, 117276.	3.1	19
3	Thermal properties of gem-quality moganite-rich blue chalcedony. <i>Physica B: Condensed Matter</i> , 2010, 405, 4627-4633.	2.7	10
4	Radioluminescence Properties of Copper- and Terbium-Implanted Strontium Titanate. <i>Spectroscopy Letters</i> , 2013, 46, 364-366.	1.0	9
5	Determination of thermoluminescence kinetic parameters of white and blue chalcedony exposed to X-ray irradiation. <i>Radiation Physics and Chemistry</i> , 2018, 151, 114-119.	2.8	9
6	The radioluminescence and optical behaviour of nanocomposites with CdSeS quantum dot. <i>Journal of Luminescence</i> , 2017, 185, 48-54.	3.1	8
7	Comprehensive study on structural, thermal, morphological and luminescence (RL, PL, TL) properties of CaLa <sub>2</sub> (WO <sub>4</sub> ) <sub>4</sub> : Tb <sup>3+</sup> , Dy <sup>3+</sup> phosphors synthesized via sol-gel method. <i>Ceramics International</i> , 2021, 47, 25708-25720.	4.8	8
8	Effects of CdS quantum dot in polymer nanocomposites: In terms of luminescence, optic, and thermal results. <i>Radiation Physics and Chemistry</i> , 2019, 156, 137-143.	2.8	7
9	Luminescence behaviour of beryl (aquamarine variety) from Turkey. <i>Journal of Luminescence</i> , 2012, 132, 2599-2602.	3.1	6
10	Spectral, electron microscopic and chemical investigations of gamma-induced purple color zonings in amethyst crystals from the Dursunbey-Balıkesir region of Turkey. <i>Radiation Effects and Defects in Solids</i> , 2011, 166, 537-548.	1.2	5
11	Rare Earth Photoluminescence in Bismuth-Germanate Crystals. <i>Spectroscopy Letters</i> , 2013, 46, 590-596.	1.0	5
12	Luminescence Behavior and Raman Characterization of Rhodonite from Turkey. <i>Spectroscopy Letters</i> , 2011, 44, 566-569.	1.0	3
13	Amethyst and morion quartz gemstone raw materials from Turkey: color saturation and enhancement by gamma, neutron and beta irradiation. <i>Radiation Effects and Defects in Solids</i> , 2010, 165, 876-888.	1.2	2
14	Optimizing Optical and Structural Properties of Nanocomposites by ZnO and BP-3. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 1762-1771.	0.6	2
15	Investigating pedestrian evacuation using ant algorithms. <i>Pramana - Journal of Physics</i> , 2018, 91, 1.	1.8	1
16	Sol-Jel Tekniği ile Sentezlenen Sr <sub>0.5</sub> Ca <sub>0.5</sub> WO <sub>4</sub> Fosforunda Eu <sup>3+</sup> İyonunun L <sub>1/4</sub> minesans, TL Kinetik Parametreler ve Elektrokimyasal Davranışındaki Rolü. <i>El-Cezeri Journal of Science and Engineering</i> , 0, , .	0.1	0