

Ahmet Cetin

List of Publications by Year in descending order

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30
papers

292
citations

933447

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996975

15
g-index

30
all docs

30
docs citations

30
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties of Cu implanted ZnO. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 474-477.	1.4	40
2	Luminescent, optical and color properties of natural rose quartz. Radiation Measurements, 2007, 42, 1610-1617.	1.4	23
3	Structural, optical, luminescence properties and energy transfer mechanism of Tb ³⁺ /Eu ³⁺ -co-doped SrLa ₂ (MoO ₄) ₄ phosphors produced by sol-gel process. Journal of Alloys and Compounds, 2019, 789, 932-940.	5.5	22
4	Effect of thermal treatment on linear optical properties of Cu nanoclusters. Physica B: Condensed Matter, 2009, 404, 105-110.	2.7	20
5	A comparative study of single and duplex treatment of martensitic AISI 420 stainless steel using plasma nitriding and plasma nitriding-plus-nitrogen ion implantation techniques. Surface and Coatings Technology, 2007, 201, 8127-8130.	4.8	19
6	Luminescence behavior and Raman characterization of jade from Turkey. Applied Radiation and Isotopes, 2011, 69, 1299-1306.	1.5	19
7	Detailed luminescence (RL, PL, CL, TL) behaviors of Tb ³⁺ and Dy ³⁺ doped LiMgPO ₄ synthesized by sol-gel method. Journal of Luminescence, 2020, 225, 117276.	3.1	19
8	Third-order optical nonlinearities of Cu and Tb nanoparticles in SrTiO ₃ . Physica B: Condensed Matter, 2010, 405, 2323-2325.	2.7	13
9	Luminescence behaviour and Raman characterization of dendritic agate in the Dereyalak village (EskiÅŸehir), Turkey. Journal of Luminescence, 2011, 131, 2317-2324.	3.1	13
10	Thermal properties of gem-quality moganite-rich blue chalcedony. Physica B: Condensed Matter, 2010, 405, 4627-4633.	2.7	10
11	Radioluminescence Properties of Copper- and Terbium-Implanted Strontium Titanate. Spectroscopy Letters, 2013, 46, 364-366.	1.0	9
12	Determination of thermoluminescence kinetic parameters of white and blue chalcedony exposed to X-ray irradiation. Radiation Physics and Chemistry, 2018, 151, 114-119.	2.8	9
13	The radioluminescence and optical behaviour of nanocomposites with CdSeS quantum dot. Journal of Luminescence, 2017, 185, 48-54.	3.1	8
14	Cathodoluminescence response from rare earth doped $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbody="http://www.elsevier.com/xml/co$	1.2	7
15	Effects of CdS quantum dot in polymer nanocomposites: In terms of luminescence, optic, and thermal results. Radiation Physics and Chemistry, 2019, 156, 137-143.	2.8	7
16	Optical properties of Tb implantation into ZnO. Surface and Coatings Technology, 2007, 201, 8534-8538.	4.8	6
17	Luminescence properties of Tb implanted ZnO. Physica B: Condensed Matter, 2009, 404, 3379-3385.	2.7	6
18	Radioluminescence and thermoluminescence of albite at low temperature. Radiation Measurements, 2011, 46, 655-663.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Luminescence behaviour of beryl (aquamarine variety) from Turkey. Journal of Luminescence, 2012, 132, 2599-2602.	3.1	6
20	Electrical and optical properties of chalcedony and striped chalcedony. Vacuum, 2013, 97, 75-80.	3.5	6
21	Spectral, electron microscopic and chemical investigations of gamma-induced purple color zonings in amethyst crystals from the Dursunbey-Balıkesir region of Turkey. Radiation Effects and Defects in Solids, 2011, 166, 537-548.	1.2	5
22	Absorption and cathodoluminescence properties of Cu implanted SrTiO ₃ . Physica B: Condensed Matter, 2010, 405, 888-890.	2.7	3
23	Luminescence Behavior and Raman Characterization of Rhodonite from Turkey. Spectroscopy Letters, 2011, 44, 566-569.	1.0	3
24	Microstructure and Electrical Conductivity of ZnO Addition on the Properties of (Bi _{0.92} Ho _{0.03} Er _{0.05}) ₂ O ₃ . Journal of Electronic Materials, 2016, 45, 5860-5866.	2.2	3
25	X-ray irradiated thermo- and radioluminescence, structural and thermal characterization of septarian (powder&bulk) from Madagascar. Optical Materials, 2018, 83, 176-181.	3.6	3
26	An experimental study on the linear differential scattering coefficients of the GaAs, n- and p-type Si. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 605, 359-363.	1.6	2
27	Amethyst and morion quartz gemstone raw materials from Turkey: color saturation and enhancement by gamma, neutron and beta irradiation. Radiation Effects and Defects in Solids, 2010, 165, 876-888.	1.2	2
28	Optimizing Optical and Structural Properties of Nanocomposites by ZnO and BP-3. Russian Journal of Physical Chemistry A, 2018, 92, 1762-1771.	0.6	2
29	Investigating pedestrian evacuation using ant algorithms. Pramana - Journal of Physics, 2018, 91, 1.	1.8	1
30	Sol-Jel Tekniği ile Sentezlenen Sr _{0,5} Ca _{0,5} WO ₄ Fosforunda Eu ³⁺ İyonunun Luminesans, TL Kinetik Parametreleri ve Elektrokimyasal Davranışındaki Rolü. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0