

Vural Emir Kafadar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2780706/publications.pdf>

Version: 2024-02-01

27
papers

459
citations

759233

12
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structural, optical, electrical and thermoluminescence properties of chemically deposited PbS thin films. <i>Journal of Luminescence</i> , 2014, 147, 41-48.	3.1	78
2	Characterization of copper-doped sprayed ZnS thin films. <i>Physica B: Condensed Matter</i> , 2006, 381, 40-46.	2.7	61
3	Neutron+Gamma response of undoped and Dy doped MgB4O7 thermoluminescence dosimeter. <i>Applied Radiation and Isotopes</i> , 2019, 147, 91-98.	1.5	33
4	Thermoluminescence of undoped and Ce-doped BaB4O7. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 246, 402-408.	1.4	32
5	Luminescence and thermoluminescence properties of a red emitting phosphor, Sr4Al14O25:Eu3+. <i>Journal of Alloys and Compounds</i> , 2016, 681, 260-267.	5.5	29
6	Characterization of Undoped and Cu-Doped ZnO Thin Films Deposited on Glass Substrates by Spray Pyrolysis. <i>Chinese Physics Letters</i> , 2006, 23, 939-942.	3.3	23
7	Determination of trapping parameters of dosimetric thermoluminescent glow peak of lithium triborate (LiB3O5) activated by aluminum. <i>Journal of Luminescence</i> , 2009, 129, 710-714.	3.1	22
8	The effect of heating rate on the dose dependence and thermoluminescence characteristics of CaSO4:Dy (TLD-900). <i>Thermochimica Acta</i> , 2014, 590, 266-269.	2.7	21
9	The analysis of thermoluminescent glow peaks of copper doped ZnS thin films after $\hat{\nu}^2$ -irradiation. <i>Journal of Luminescence</i> , 2007, 124, 58-66.	3.1	20
10	Thermoluminescence studies and detailed kinetic analysis of Sr4Al14O25:Eu2+, Dy3+ phosphor. <i>Journal of Luminescence</i> , 2013, 144, 133-138.	3.1	18
11	The effects of heating rate on the dose response characteristics of TLD-200, TLD-300 and TLD-400. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 3337-3346.	1.4	16
12	Thermal quenching of thermoluminescence in TLD-200, TLD-300 and TLD-400 after $\hat{\nu}^2$ -irradiation. <i>Physica B: Condensed Matter</i> , 2011, 406, 537-540.	2.7	15
13	Investigation of neutron sensitivity of un-doped and Dy-doped CaB4O7 for thermoluminescence applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1327-1333.	3.6	13
14	Investigation of thermoluminescence characteristics of Li2B4O7:Mn (TLD-800). <i>Thermochimica Acta</i> , 2014, 575, 300-304.	2.7	12
15	The thermoluminescence properties of CdS films under nitrogen atmosphere. <i>Journal of Luminescence</i> , 2010, 130, 1531-1538.	3.1	10
16	Luminescence of a Novel Near-UV Emitting Phosphor BaB8O13:Pb2+. <i>Journal of Applied Spectroscopy</i> , 2014, 80, 945-949.	0.7	9
17	The analysis of thermoluminescent glow peaks of natural calcite after beta irradiation. <i>Radiation Protection Dosimetry</i> , 2012, 151, 397-402.	0.8	8
18	Yellow phosphors doping with Gd3+%, Tb3+% and Lu3+% in MTiO3 (M = Mg and Sr) luminescence properties. <i>Bulletin of Materials Science</i> , 2013, 36, 1079-1086.	1.7	8

#	ARTICLE	IF	CITATIONS
19	The photoluminescence and thermoluminescence characteristics of the Eu ³⁺ doped CaMoO ₄ : Detailed kinetic analysis of TL glow curves. Journal of Luminescence, 2020, 222, 117130.	3.1	7
20	The analysis of thermoluminescent glow peaks of natural zircon after $\hat{1}^2$ -irradiation. Nuclear Instruments & Methods in Physics Research B, 2006, 248, 133-141.	1.4	5
21	Thermoluminescence Kinetic Parameters of TLD-600 and TLD-700 after ²⁵² Cf Neutron+Gamma and ⁹⁰ Sr- ⁹⁰ Y Beta Radiations. Chinese Physics Letters, 2017, 34, 017801.	3.3	5
22	A new activator strontium for magnesium tetraborate: PL and TL studies. Applied Radiation and Isotopes, 2016, 116, 138-142.	1.5	4
23	The effect of Dy ³⁺ doping on the thermoluminescence properties of Ba ₂ SiO ₄ . International Journal of Applied Ceramic Technology, 2020, 17, 1453-1459.	2.1	4
24	Thermoluminescence properties of strontium doped magnesium tetraborate. Applied Radiation and Isotopes, 2019, 146, 5-9.	1.5	3
25	The Analysis of Main Dosimetric Glow Peaks in CaF ₂ :Tm (TLD-300). Chinese Physics Letters, 2013, 30, 057802.	3.3	2
26	Thermoluminescent dosimetric characteristics of $\hat{1}^2$ -ray irradiated RbCl single crystal doped with Eu- and OH-ions. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 387-392.	1.4	1
27	THE LUMINESCENCE AND THERMOLUMINESCENCE STUDIES OF Nd ³⁺ DOPED Sr ₂ SiO ₄ . EskiÅŸehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.8	0