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List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

378
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687363

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all docs

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30
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal and anomalous heating rate effects on thermoluminescence of Ce-doped ZnB ₂ O ₄ . Applied Radiation and Isotopes, 2017, 128, 256-262.	1.5	30
2	Thermoluminescence analysis of beta irradiated ZnB ₂ O ₄ : Pr ³⁺ phosphors synthesized by a wet-chemical method. Radiation Physics and Chemistry, 2019, 160, 105-111.	2.8	29
3	Cathodoluminescence and thermoluminescence of ZnB ₂ O ₄ :Eu ³⁺ phosphors prepared via wet-chemical synthesis. Ceramics International, 2019, 45, 4918-4925.	4.8	27
4	A study on thermoluminescence behaviour of Eu doped LaB ₃ O ₆ irradiated with beta particles. Radiation Physics and Chemistry, 2020, 168, 108571.	2.8	23
5	Eu ³⁺ and Dy ³⁺ doped La ₂ MoO ₆ and La ₂ Mo ₂ O ₉ phosphors: Synthesis and luminescence properties. Materials Research Bulletin, 2020, 123, 110723.	5.2	23
6	Luminescence studies of zinc borates activated with different concentrations of Ce and La under x-ray and electron excitation. Applied Radiation and Isotopes, 2017, 127, 35-40.	1.5	21
7	(p,Î±) Reaction Cross Sections Calculations of Fe and Ni Target Nuclei Using New Developed Semi-empirical Formula. Journal of Fusion Energy, 2013, 32, 531-535.	1.2	19
8	Thermoluminescence behavior of Sm ³⁺ activated ZnB ₂ O ₄ phosphors synthesized using low temperature chemical synthesis method. Nuclear Instruments & Methods in Physics Research B, 2018, 428, 65-71.	1.4	19
9	Thermoluminescence of Ce and Nd co-doped CaF ₂ phosphors after beta irradiation. Journal of Luminescence, 2021, 234, 117949.	3.1	19
10	Heating rate properties and kinetic parameters of thermoluminescence glow curves of La-doped zinc borate. Radiation Physics and Chemistry, 2018, 151, 149-155.	2.8	18
11	Characterization and thermoluminescence behavior of beta irradiated NaBaBO ₃ phosphor synthesized by combustion method. Ceramics International, 2019, 45, 7011-7017.	4.8	17
12	Calculations of Double-Differential Neutron Emission Cross Sections for ⁹ Be Target Nucleus at 14.2ÅMeV Neutron Energy. Journal of Fusion Energy, 2015, 34, 493-499.	1.2	16
13	Thermoluminescence properties of Tb doped Mg ₂ SiO ₄ after beta irradiation. Nuclear Instruments & Methods in Physics Research B, 2019, 458, 12-20.	1.4	14
14	Comparative studies on thermoluminescence characteristics of non-doped Mg ₂ SiO ₄ prepared via a solid-state reaction technique and wet-chemical method: An unusual heating rate dependence. Journal of Alloys and Compounds, 2019, 795, 261-268.	5.5	14
15	Enhancing the blue luminescence behaviour of the Li co-doped novel phosphor ZnB ₂ O ₄ : Tm ³⁺ . Journal of Alloys and Compounds, 2020, 838, 155587.	5.5	14
16	Thermoluminescence properties of annealed natural quartz after beta irradiation. Luminescence, 2016, 31, 1513-1518.	2.9	11
17	Effect of Sm ³⁺ and Mn ²⁺ incorporation on the structure and luminescence characteristics of Zn ₂ SiO ₄ phosphor. Radiation Physics and Chemistry, 2021, 181, 109329.	2.8	11
18	Synthesis and photoluminescence characteristics of Dy incorporated MoO ₃ phosphor: Suppression concentration quenching. Applied Radiation and Isotopes, 2020, 164, 109321.	1.5	10

#	ARTICLE	IF	CITATIONS
19	The Comparison of (n,p), (n, $\hat{1}\pm$), (n,2n) and ($\hat{1}\pm$,n) Reaction Cross-Sections for ${}^7\text{Li}$ and ${}^9\text{Be}$ Target Nuclei. Journal of Fusion Energy, 2016, 35, 709-714.	1.2	7
20	Semi-Empirical Formula with New Coefficients of the ($\hat{1}\pm$,n) Reaction Cross-Section. Acta Physica Polonica A, 2015, 128, B-128-B-132.	0.5	7
21	Radioactivity Levels in Some Mushroom Species and Consequent Doses. Asian Journal of Chemistry, 2014, 26, 879-882.	0.3	7
22	Determination of thermoluminescence properties of $\text{ZnB}_2\text{O}_4:\text{Tm}^{3+},\text{Li}^+$ for dosimetric purposes. Applied Radiation and Isotopes, 2020, 157, 109041.	1.5	4
23	Characterization of thermoluminescence kinetic parameters of dolomite after exposure to $\hat{1}^2$ -radiation dose. Journal of Luminescence, 2021, 240, 118427.	3.1	4
24	Evaluated displacement and gas production cross-sections for materials irradiated with intermediate energy nucleons. EPJ Web of Conferences, 2017, 146, 02018.	0.3	3
25	UV effect on the cathodo- and thermoluminescence properties of a gem-quality Cr-rich diaspore ($\hat{1}\pm\text{-AlOOH}$). Applied Radiation and Isotopes, 2018, 141, 101-106.	1.5	3
26	Comprehensive study of photoluminescence and cathodoluminescence of Eu and Tb doped Mg_2SiO_4 prepared via a solid-state reaction technique. Optical Materials, 2020, 100, 109698.	3.6	3
27	Synthesis and beta particle excited thermoluminescence of BaSiF_6 phosphor. Applied Radiation and Isotopes, 2022, 181, 110075.	1.5	2
28	Calculation of excitation functions for the production of Cu and Co medical isotopes. Kerntechnik, 2013, 78, 484-488.	0.2	1
29	Evaluated gas production cross-section data for natural titanium irradiated with protons at energies up to 3 GeV. Kerntechnik, 2014, 79, 467-472.	0.2	1
30	Thermoluminescence of $\hat{1}^2$ -particle induced Bern-4M muscovite. Radiation Physics and Chemistry, 2020, 174, 108974.	2.8	1