Kamel Damak

List of Publications by Year
in descending order

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29	822	471509	477307
papers	citations	17	29
		h-index	g-index

29	29	29	794
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of oxyfluoride glasses doped with rare-earth ions through structural, thermal, and optical application thereof. Results in Physics, 2022, 34, 105255.	4.1	3
2	Luminescence and Gamma Spectroscopy of Phosphate Glass Doped with Nd3+/Yb3+ and Their Multifunctional Applications. Photonics, 2022, 9, 406.	2.0	5
3	The Structure of Gd3+-Doped Li2O and K2O Containing Aluminosilicate Glasses from Molecular Dynamics Simulations. Materials, 2021, 14, 3265.	2.9	7
4	Luminescent Sm-doped aluminosilicate glass as a substrate for enhanced photoresponsivity of MoS2 based photodetector. Applied Surface Science, 2021, 565, 150342.	6.1	7
5	Optical properties of peralkaline aluminosilicate glasses doped with Sm3+. Journal of Alloys and Compounds, 2019, 806, 1339-1347.	5.5	11
6	Experimental and theoretical studies of Dy3+ doped alkaline earth aluminosilicate glasses. Journal of Luminescence, 2019, 212, 354-360.	3.1	30
7	Tb3+ as a probe for the molecular structure of mixed barium magnesium alumino silicate glasses. Journal of Luminescence, 2018, 199, 384-390.	3.1	21
8	Juddâ€“Ofelt analysis and experimental spectroscopic study of erbium doped phosphate glasses. Journal of Luminescence, 2018, 201, 245-254.	3.1	27
9	Green and near infrared emission of Er3+ doped PZS and PZC glasses. Journal of Luminescence, 2018, 194, 706-712.	3.1	32
10	Structure Prediction of Rare Earth Doped BaO and MgO Containing Aluminosilicate Glassesâ€“the Model Case of Gd2O3. Materials, 2018, 11, 1790.	2.9	9
11	Thermal and Spectroscopic Properties of High Dense Optical Glasses TeO2â€“Bi2O3â€“WO3 (TBW) Doped with Er2O3 as Laser Material. Science of Advanced Materials, 2018, 10, 818-826.	0.7	6
12	Optical absorption and photoluminescence properties of chromium in different host glasses. Journal of Luminescence, 2017, 186, 152-157.	3.1	18
13	Spectroscopic analysis of trivalent Nd 3+ /Yb 3+ ions codoped in PZS host glasses as a new laser material at 1.06 Î¼m. Journal of Rare Earths, 2017, 35, 361-367.	4.8	31
14	Spectroscopic properties of Yb²⁺ in aluminosilicate glass. International Journal of Applied Glass Science, 2017, 8, 322-328.	2.0	6
15	Experimental and theoretical spectroscopic study of erbium doped aluminosilicate glasses. Journal of Luminescence, 2016, 176, 212-219.	3.1	16
16	Novel non-toxic and red luminescent sensor based on Eu3+:Y2Ti2O7/SiO2 nano-powder for latent fingerprint detection. Sensors and Actuators B: Chemical, 2015, 220, 162-170.	7.8	83
17	Characterization of Tm3+ doped TNZL glass laser material. Journal of Luminescence, 2015, 161, 281-287.	3.1	36
18	Pr³⁺:BaY₂F₈ Crystal Nanoparticles (24 nm) Produced by High-Energy Ball Milling: Spectroscopic Characterization and Comparison with Bulk Properties. Journal of Physical Chemistry C, 2015, 119, 2844-2851.	3.1	9

#	Article	IF	Citations
19	Spectroscopic and luminescence characteristics of erbium doped TNZL glass for lasing materials. Journal of Alloys and Compounds, 2015, 620, 129-136.	5.5	63
20	Raman, green and infrared emission cross-sectionsof Er^3+ doped TZPPN tellurite glass. Optical Materials Express, 2014, 4, 597.	3.0	45
21	White light generation from Dy3+ doped tellurite glass. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 134, 55-63.	2.3	101
22	Quantifying Raman and emission gain coefficients of Ho3+ doped TeO2Â·ZnOÂ·PbOÂ·PbF2Â·Na2O (TZPPN) tellurite glass. Solid State Sciences, 2014, 28, 74-80.	3.2	36
23	Growth, optical spectroscopy and Juddâ€“Ofelt analysis of Pr-doped BaY2F8 monocrystals. Journal of Luminescence, 2013, 143, 233-240.	3.1	30
24	Thermal and spectroscopic properties of Tm3+ doped TZPPN transparent glass laser material. Journal of Non-Crystalline Solids, 2012, 358, 2974-2980.	3.1	38
25	Thermal stability and UVâ€“Vis-NIR spectroscopy of a new erbium-doped fluorotellurite glass. Philosophical Magazine, 2012, 92, 899-911.	1.6	20
26	Ã‰tude rhÃ©ologique des jus de figue de Barbarie (Opuntia sp.) microfiltrÃ©s. Sciences Des Aliments, 2006, 26, 337-348.	0.2	7
27	Concentration polarisation in tubular membranes â€”a numerical approach. Desalination, 2005, 171, 139-153.	8.2	25
28	A new Navier-Stokes and Darcy's law combined model for fluid flow in crossflow filtration tubular membranes. Desalination, 2004, 161, 67-77.	8.2	82
29	Modeling of crossflow membrane separation processes under laminar flow conditions in tubular membrane. Desalination, 2004, 168, 231-239.	8.2	18