

Mohd Al-Saleh

List of Publications by Year in descending order

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29
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#	ARTICLE	IF	CITATIONS
1	Laser action and upconversion of Nd ³⁺ in tellurite bulk glass. Journal of Non-Crystalline Solids, 2007, 353, 990-992.	3.1	76
2	Visible luminescence in KPb ₂ Cl ₅ :Pr ³⁺ crystal. Journal of Luminescence, 2002, 97, 190-197.	3.1	43
3	Spectroscopic properties of Er ³⁺ -doped fluorotellurite glasses. Optical Materials, 2013, 35, 2039-2044.	3.6	36
4	Spectroscopy and frequency upconversion of Er ³⁺ ions in fluorotellurite glasses. Optical Materials, 2011, 34, 481-486.	3.6	29
5	Random laser performance of Nd _x Y _{1-x} Al ₃ (BO ₃) ₄ laser crystal powders. Optical Materials, 2011, 34, 461-464.	3.6	26
6	Laser action in Nd ³⁺ -doped lanthanum oxysulfide powders. Optics Express, 2012, 20, 23690.	3.4	26
7	Infrared to visible and ultraviolet upconversion processes in Nd ³⁺ -doped potassium lead chloride crystal. Optical Materials, 2004, 26, 351-357.	3.6	24
8	Infrared to visible upconversion in Pr ³⁺ -doped KPb ₂ Cl ₅ crystal. Optical Materials, 2003, 24, 91-95.	3.6	23
9	Crystal growth of rare-earth-doped ternary potassium lead chloride single crystals by the Bridgman method. Optical Materials, 2004, 26, 359-363.	3.6	21
10	Spectroscopic study of Nd ³⁺ /Yb ³⁺ in disordered potassium bismuth molybdate laser crystals. Optical Materials, 2006, 28, 1247-1252.	3.6	21
11	Low threshold random lasing in dye-doped silica nano powders. Optics Express, 2009, 17, 13202.	3.4	19
12	Laser properties of Nd ³⁺ in K ₅ Nd(MoO ₄) ₄ stoichiometric disordered crystal. Optical Materials, 2001, 16, 227-231.	3.6	17
13	Time-resolved fluorescence line-narrowing of Eu ³⁺ in biocompatible eutectic glass-ceramics. Optics Express, 2013, 21, 6561.	3.4	15
14	Optical properties of Pr ³⁺ -doped lithium tetraborate glasses. Journal of Alloys and Compounds, 2001, 323-324, 250-254.	5.5	13
15	Origin of laser-induced internal cooling of Yb ³⁺ -doped systems. , 2002, 4645, 135.		13
16	Origin of the infrared to visible upconversion mechanisms in Nd ³⁺ -doped potassium lead chloride crystal. Optical Materials, 2005, 27, 1704-1710.	3.6	11
17	Rb ₅ Nd(MoO ₄) ₄ a self-tunable birefringent laser crystal. Optical Materials, 2004, 26, 483-487.	3.6	9
18	Light propagation in optical crystal powders: effects of particle size and volume filling factor. Journal of Physics Condensed Matter, 2007, 19, 456213.	1.8	8

#	ARTICLE	IF	CITATIONS
19	First luminescence study of the new oxyborate Na ₃ La ₉ O ₃ (BO ₃) ₈ :Nd ³⁺ . Optical Materials, 2007, 30, 122-125.	3.6	5
20	Spectroscopic properties of Yb ³⁺ ions in halogeno-sulfide glasses. Journal of Non-Crystalline Solids, 2006, 352, 2444-2447.	3.1	4
21	Transport mean free path in K ₅ Bi _{1-x} Nd _x (MoO ₄) ₄ laser crystal powders. Journal of Physics Condensed Matter, 2007, 19, 036206.	1.8	4
22	Spectroscopy and frequency upconversion in KPb ₂ Cl ₅ :Pr ³⁺ crystal. , 2002, 4645, 97.		3
23	Local internal and bulk optical cooling in Nd-doped crystals and nanocrystalline powders. Proceedings of SPIE, 2010, , .	0.8	2
24	Upconversion processes and laser action in K ₅ Nd(MoO ₄) ₄ stoichiometric crystal. , 2001, , .		1
25	Local internal and bulk optical cooling in Nd-doped crystals and nanocrystalline powders revisited. Proceedings of SPIE, 2011, , .	0.8	1
26	Optical cooling of Nd-doped solids. Proceedings of SPIE, 2012, , .	0.8	1
27	Rb ₅ Nd(MoO ₄) ₄ : a self-tunable birefringent laser crystal. , 2004, , .		0
28	Upconversion mechanisms in KPb ₂ Cl ₅ :Er ³⁺ crystal. , 2004, , .		0
29	Nd ³⁺ -sensitized upconversion luminescence of Nd ³⁺ /Pr ³⁺ -codoped KPb ₂ Cl ₅ low phonon crystal. , 2011, , .		0