

Samuel Paul David

List of Publications by Year in descending order

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papers

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27
all docs

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docs citations

27
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic analysis of Eu doped transparent CaF ₂ ceramics at different concentration. Optical Materials, 2011, 33, 735-737.	1.7	47
2	Infrared and upconversion spectroscopic studies of high Er ³⁺ -content transparent YAG ceramic. Optical Materials Express, 2011, 1, 1272.	1.6	34
3	Efficient energy transfer between Ce ³⁺ and Nd ³⁺ in cerium codoped Nd: YAG laser quality transparent ceramics. Journal of Alloys and Compounds, 2010, 507, 475-478.	2.8	31
4	Efficient energy transfer between Ce ³⁺ /Cr ³⁺ and Nd ³⁺ ions in transparent Nd/Ce/Cr:YAG ceramics. Optical Materials, 2011, 34, 303-307.	1.7	26
5	Influence of pH and microwave calcination on the morphology of KGd(WO ₄) ₂ particles derived by Pechini Sol-gel method. Journal of Sol-Gel Science and Technology, 2011, 58, 419-426.	1.1	26
6	OPTICAL, THERMAL AND MECHANICAL STUDIES ON NONLINEAR OPTICAL MATERIAL DIGLYCINE BARIUM CHLORIDE MONOHYDRATE (DGBCM) SINGLE CRYSTAL. Journal of Nonlinear Optical Physics and Materials, 2013, 22, 1350043.	1.1	24
7	Enhanced luminescence in CaMoO ₄ : Eu ³⁺ red phosphor nanoparticles prepared by mechanochemically assisted solid state meta-thesis reaction method. Journal of Materials Science: Materials in Electronics, 2013, 24, 4503-4509.	1.1	18
8	Effect of dysprosium active ions on spectral properties of KGW single crystals. Journal of Alloys and Compounds, 2011, 509, 177-180.	2.8	14
9	Overview of ytterbium based transparent ceramics for diode pumped high energy solid-state lasers. High Power Laser Science and Engineering, 2018, 6, .	2.0	14
10	Growth of two-dimensional KGd(WO ₄) ₂ nanorods by modified sol-gel Pechini method. Optical Materials, 2010, 32, 1321-1324.	1.7	10
11	Growth, vibrational and luminescence analysis of monoclinic KGd(1-x)Prx(WO ₄) ₂ (x=0.005, 0.02, 0.05) single crystals. Journal of Crystal Growth, 2013, 362, 319-323.	0.7	9
12	2.1 μm Emission Spectral Properties of Tm and Ho Doped Transparent YAG Ceramic. Science of Advanced Materials, 2012, 4, 617-622.	0.1	9
13	Laser performances of diode pumped Yb:Lu ₂ O ₃ transparent ceramic at cryogenic temperatures. Optical Materials Express, 2019, 9, 4669.	1.6	8
14	Nonlinear refractive index measurement on pure and Nd doped YAG ceramic by dual arm Z-scan technique. AIP Conference Proceedings, 2015, .	0.3	7
15	Efficient diode pumped Yb:Y ₂ O ₃ cryogenic laser. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	7
16	Diode pumped cryogenic Yb:Lu ₃ Al ₅ O ₁₂ laser in continuous-wave and pulsed regime. Optics and Laser Technology, 2021, 135, 106720.	2.2	6
17	Growth and characterization of Ytterbium doped KGd(WO ₄) ₂ single crystal. Crystal Research and Technology, 2008, 43, 1036-1040.	0.6	5
18	Effect of Gd ³⁺ /Ga ³⁺ on Yb ³⁺ emission in mixed YAG at cryogenic temperature. Ceramics International, 2019, 45, 9418-9422.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Monoclinic zinc montungstate Yb ³⁺ ,Li ⁺ :ZnWO ₄ : Part II. Polarized spectroscopy and laser operation. Journal of Luminescence, 2021, 231, 117811.	1.5	5
20	Continuous-wave and passively Q-switched cryogenic Yb:KLu(WO ₄) ₂ laser. Optics Express, 2017, 25, 25886.	1.7	4
21	Diode-pumped master oscillator power amplifier system based on cryogenically cooled Tm:Y ₂ O ₃ transparent ceramics. Optical Materials Express, 2021, 11, 1489.	1.6	4
22	Electroluminescent Thin Film Phosphors. , 2015, , 243-269.		2
23	Energy transfer and lasing properties of Nd: Cr: YAG transparent laser ceramics at different Cr concentration. AIP Conference Proceedings, 2012, , .	0.3	1
24	Diode-pumped cryogenic Tm:LiYF ₄ laser. , 2019, , .		1
25	Diode-pumped cryogenic Yb:KLu(WO ₄) ₂ laser. , 2017, , .		0
26	Spectroscopy of Tm:Y ₂ O ₃ Transparent Ceramic at Cryogenic Temperatures. , 2019, , .		0