Samuel Paul David

List of Publications by Year
in descending order

26	321	933447 10	839539 18
papers	citations	h-index	g-index

27	27	27	425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic analysis of Eu doped transparent CaF2 ceramics at different concentration. Optical Materials, 2011, 33, 735-737.	3.6	47
2	Infrared and upconversion spectroscopic studies of high Er^3+content transparent YAG ceramic. Optical Materials Express, 2011, 1, 1272.	3.0	34
3	Efficient energy transfer between Ce3+ and Nd3+ in cerium codoped Nd: YAG laser quality transparent ceramics. Journal of Alloys and Compounds, 2010, 507, 475-478.	5.5	31
4	Efficient energy transfer between Ce3+/Cr3+ and Nd3+ ions in transparent Nd/Ce/Cr:YAG ceramics. Optical Materials, 2011, 34, 303-307.	3.6	26
5	Influence of pH and microwave calcination on the morphology of KGd(WO4)2 particles derived by Pechini Solâ€“Gel method. Journal of Sol-Gel Science and Technology, 2011, 58, 419-426.	2.4	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.	1.8	24
7	Enhanced luminescence in CaMoO4: Eu3+ red phosphor nanoparticles prepared by mechanochemically assisted solid state meta-thesis reaction method. Journal of Materials Science: Materials in Electronics, 2013, 24, 4503-4509.	2.2	18
8	Effect of dysprosium active ions on spectral properties of KGW single crystals. Journal of Alloys and Compounds, 2011, 509, 177-180.	5.5	14
9	Overview of ytterbium based transparent ceramics for diode pumped high energy solid-state lasers. High Power Laser Science and Engineering, 2018, 6, .	4.6	14
10	Growth of two-dimensional KGd(WO4)2 nanorods by modified solâ€“gel Pechini method. Optical Materials, 2010, 32, 1321-1324.	3.6	10
11	Growth, vibrational and luminescence analysis of monoclinic KGd(1â^'x)Prx(WO4)2 (x=0.005, 0.02, 0.05) single crystals. Journal of Crystal Growth, 2013, 362, 319-323.	1.5	9
12	2.1Î¼m Emission Spectral Properties of Tm and Ho Doped Transparent YAG Ceramic. Science of Advanced Materials, 2012, 4, 617-622.	0.7	9
13	Laser performances of diode pumped Yb:Lu₂O₃ transparent ceramic at cryogenic temperatures. Optical Materials Express, 2019, 9, 4669.	3.0	8
14	Nonlinear refractive index measurement on pure and Nd doped YAG ceramic by dual arm Z-scan technique. AIP Conference Proceedings, 2015, , .	0.4	7
15	Efficient diode pumped Yb:Y2O3 cryogenic laser. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	7
16	Diode pumped cryogenic Yb:Lu3Al5O12 laser in continuous-wave and pulsed regime. Optics and Laser Technology, 2021, 135, 106720.	4.6	6
17	Growth and characterization of Ytterbium doped KGd(WO₄)₂ single crystal. Crystal Research and Technology, 2008, 43, 1036-1040.	1.3	5
18	Effect of Gd3+/Ga3+ on Yb3+ emission in mixed YAG at cryogenic temperature. Ceramics International, 2019, 45, 9418-9422.	4.8	5

#	Article	IF	Citations
19	Monoclinic zinc monotungstate Yb3+,Li+:ZnWO4: Part II. Polarized spectroscopy and laser operation. Journal of Luminescence, 2021, 231, 117811.	3.1	5
20	Continuous-wave and passively Q-switched cryogenic Yb:KLu(WO_4)_2 laser. Optics Express, 2017, 25, 25886.	3.4	4
21	Diode-pumped master oscillator power amplifier system based on cryogenically cooled Tm:Y2O3 transparent ceramics. Optical Materials Express, 2021, 11, 1489.	3.0	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, , .	0.4	1
24	Diode-pumped cryogenic Tm:LiYF4 laser. , 2019, , .		1
25	Diode-pumped cryogenic Yb:KLu(WO<inf>4</inf>)<inf>2</inf> laser. , 2017, , .		0
26	Spectroscopy of Tm:Y2O3 Transparent Ceramic at Cryogenic Temperatures. , 2019, , .		0