Samuel Paul David

List of Publications by Year
in descending order

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Version: 2024-02-01

26	321	932766 10	839053 18
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Diode pumped cryogenic Yb:Lu3Al5O12 laser in continuous-wave and pulsed regime. Optics and Laser Technology, 2021, 135, 106720.	2.2	6
2	Monoclinic zinc monotungstate Yb3+,Li+:ZnWO4: Part II. Polarized spectroscopy and laser operation. Journal of Luminescence, 2021, 231, 117811.	1.5	5
3	Diode-pumped master oscillator power amplifier system based on cryogenically cooled Tm:Y2O3 transparent ceramics. Optical Materials Express, 2021, 11, 1489.	1.6	4
4	Efficient diode pumped Yb:Y2O3 cryogenic laser. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	7
5	Spectroscopy of Tm:Y2O3 Transparent Ceramic at Cryogenic Temperatures. , 2019, , .		0
6	Effect of Gd3+/Ga3+ on Yb3+ emission in mixed YAG at cryogenic temperature. Ceramics International, 2019, 45, 9418-9422.	2.3	5
7	Laser performances of diode pumped Yb:Lu₂O₃ transparent ceramic at cryogenic temperatures. Optical Materials Express, 2019, 9, 4669.	1.6	8
8	Diode-pumped cryogenic Tm:LiYF4 laser. , 2019, , .		1
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	Diode-pumped cryogenic Yb:KLu(WO<inf>4</inf>)<inf>2</inf> laser. , 2017, , .		0
11	Continuous-wave and passively Q-switched cryogenic Yb:KLu(WO_4)_2 laser. Optics Express, 2017, 25, 25886.	1.7	4
12	Nonlinear refractive index measurement on pure and Nd doped YAG ceramic by dual arm Z-scan technique. AIP Conference Proceedings, 2015, , .	0.3	7
13	Electroluminescent Thin Film Phosphors. , 2015, , 243-269.		2
14	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.	1.1	18
15	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.	0.7	9
16	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
17	Energy transfer and lasing properties of Nd: Cr: YAG transparent laser ceramics at different Cr concentration. AIP Conference Proceedings, 2012, , .	0.3	1
18	2.1Î¼m Emission Spectral Properties of Tm and Ho Doped Transparent YAG Ceramic. Science of Advanced Materials, 2012, 4, 617-622.	0.1	9

#	Article	IF	Citations
19	Infrared and upconversion spectroscopic studies of high Er^3+content transparent YAG ceramic. Optical Materials Express, 2011, 1, 1272.	1.6	34
20	Effect of dysprosium active ions on spectral properties of KGW single crystals. Journal of Alloys and Compounds, 2011, 509, 177-180.	2.8	14
21	Efficient energy transfer between Ce3+/Cr3+ and Nd3+ ions in transparent Nd/Ce/Cr:YAG ceramics. Optical Materials, 2011, 34, 303-307.	1.7	26
22	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.	1.1	26
23	Spectroscopic analysis of Eu doped transparent CaF2 ceramics at different concentration. Optical Materials, 2011, 33, 735-737.	1.7	47
24	Growth of two-dimensional KGd(WO4)2 nanorods by modified solâ€“gel Pechini method. Optical Materials, 2010, 32, 1321-1324.	1.7	10
25	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.	2.8	31
26	Growth and characterization of Ytterbium doped KGd(WO₄)₂ single crystal. Crystal Research and Technology, 2008, 43, 1036-1040.	0.6	5