

Andrew J Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/963124/publications.pdf>

Version: 2024-02-01

62
papers

985
citations

430442

18
h-index

433756

31
g-index

62
all docs

62
docs citations

62
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavity design with single-mirror THz frequency tuning for polariton lasers. Optics Letters, 2022, 47, 3391.	1.7	2
2	Geometrical Laguerre-Gaussian mode generation from an off-axis pumped Nd:GdVO ₄ degenerate laser. , 2021, , .		1
3	Non-invasive measurement of leaf water content and pressure-volume curves using terahertz radiation. Scientific Reports, 2020, 10, 21028.	1.6	9
4	Terahertz sources based on stimulated polariton scattering. Progress in Quantum Electronics, 2020, 71, 100254.	3.5	11
5	Direct generation of 1108-nm and 1173-nm Laguerre-Gaussian modes from a self-Raman Nd:GdVO ₄ laser. Optics Express, 2020, 28, 24095.	1.7	17
6	Linewidth-narrowing of a continuous wave terahertz polariton laser using an intracavity etalon. Optics Letters, 2020, 45, 157.	1.7	2
7	1108 nm vortex mode generation from a Self-Raman Nd:GdVO ₄ laser. , 2020, , .		0
8	Linewidth narrowing and power enhancement in polariton lasers through the use of etalons. , 2020, , .		0
9	Enhancing THz Emission using a Shallow-Bounce Configuration. , 2019, , .		0
10	Intracavity THz Polariton Source Using a Shallow-Bounce Configuration. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 237-242.	2.0	5
11	Analytic theory for lasers based on stimulated polariton scattering. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1706.	0.9	9
12	A single-frequency intracavity Raman laser. Optics Express, 2019, 27, 8540.	1.7	38
13	Tunable 3-6 THz Polariton Laser Exceeding 0.1 mW Average Output Power Based on Crystalline RbTiOPO 4. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	1.9	16
14	Wavelength tuning and power enhancement of an intracavity Nd:GdVO ₄ -BaWO ₄ Raman laser using an etalon. Optics Express, 2018, 26, 32145.	1.7	33
15	Power improvement in a CW THz polariton laser. , 2018, , .		0
16	Wavelength-versatile optical vortex lasers. Journal of Optics (United Kingdom), 2017, 19, 123002.	1.0	82
17	THz polariton laser using an intracavity Mg:LiNbO ₃ crystal with protective Teflon coating. Optics Express, 2017, 25, 3991.	1.7	26
18	Q-switched self-Raman vortex laser using a defect mirror. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Tunable THz polariton laser based on 1342-nm wavelength for enhanced terahertz wave extraction. Optics Letters, 2017, 42, 2691.	1.7	13
20	Tunable terahertz generation in the picosecond regime from the stimulated polariton scattering in a LiNbO ₃ crystal. Optics Letters, 2016, 41, 4409.	1.7	7
21	Frequency-tunable THz polariton laser based on intracavity RbTiOPO ₄ crystal. , 2016, , .		0
22	Stimulated polariton scattering in an intracavity RbTiOPO ₄ crystal generating frequency-tunable THz output. Optics Express, 2016, 24, 10254.	1.7	38
23	A continuous-wave vortex Raman laser with sum frequency generation. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	12
24	Multiwavelength ultrafast LiNbO ₃ Raman laser. Optics Express, 2015, 23, 25582.	1.7	15
25	Cascaded stimulated polariton scattering in a Mg:LiNbO ₃ terahertz laser. Optics Express, 2015, 23, 8687.	1.7	32
26	Competition Effects Between Stimulated Raman and Polariton Scattering in Intracavity KTiOPO ₄ Crystal. , 2015, , .		2
27	Multiwavelength ultrafast LiNbO ₃ Raman laser with cascaded terahertz-wave generation. , 2015, , .		0
28	Multiwavelength ultrafast LiNbO ₃ Raman laser with cascaded terahertz-wave generation. , 2015, , .		0
29	An intracavity, frequency-doubled self-Raman vortex laser. Optics Express, 2014, 22, 5400.	1.7	39
30	Investigation of blue emission from Raman-active crystals: Its origin and impact on laser performance. Optical Materials Express, 2014, 4, 889.	1.6	12
31	Continuous wave, frequency-tunable terahertz laser radiation generated via stimulated polariton scattering. Optics Letters, 2014, 39, 442.	1.7	35
32	Pyroelectric effects in MgO:LiNbO ₃ and its influence on THz generation in a polariton laser. , 2014, , .		0
33	Frequency-Tunable THz Source Based on Stimulated Polariton Scattering in Mg:LiNbO_3 . IEEE Journal of Quantum Electronics, 2013, 49, 357-364.	1.0	37
34	Continuous-wave emission from a self-Raman vortex laser. , 2013, , .		0
35	A continuous-wave, solid-state stimulated polariton THz source. , 2013, , .		0
36	Broadband terahertz light source pumped by a 140-fs picosecond laser. Applied Physics B: Lasers and Optics, 2013, 110, 321-326.	1.1	13

#	ARTICLE	IF	CITATIONS
37	Direct generation of a first-Stokes vortex laser beam from a self-Raman laser. Optics Express, 2013, 21, 12401.	1.7	58
38	Measurement of thermal lensing in a CW BaWO ₄ intracavity Raman laser. Optics Express, 2012, 20, 9810.	1.7	22
39	Managing SRS competition in a miniature visible Nd:YVO ₄ /BaWO ₄ Raman laser. Optics Express, 2012, 20, 19305.	1.7	11
40	Control of cascading in multiple-order Raman lasers. Optics Letters, 2012, 37, 3840.	1.7	11
41	A diode-end-pumped frequency-tunable THz source with very low threshold. , 2012, , .		0
42	Modeling of wavelength-selectable visible Raman lasers. Optics Communications, 2012, 285, 3849-3854.	1.0	9
43	Maximising performance of compact, cw, visible self-Raman lasers by balancing non-linear SRS and SFG effects. , 2012, , .		0
44	High beam quality cw 1.5 W BaWO ₄ Raman laser using Nd:YLF as laser active medium. , 2011, , .		1
45	Continuous-wave second-Stokes self-Raman Nd:GdVO ₄ laser. , 2011, , .		0
46	Miniature wavelength-selectable Raman laser: new insights for optimizing performance. Optics Express, 2011, 19, 25623.	1.7	29
47	A continuous wave SrMoO ₄ Raman laser. Optics Letters, 2011, 36, 579.	1.7	45
48	Efficient, miniature, cw yellow source based on an intracavity frequency-doubled Nd:YVO ₄ self-Raman laser. Optics Letters, 2011, 36, 1428.	1.7	25
49	Study of Amplitude Noise in a Continuous-Wave Intracavity Frequency-Doubled Raman Laser. IEEE Journal of Quantum Electronics, 2011, 47, 314-319.	1.0	3
50	Study of amplitude noise in a continuous-wave intracavity frequency-doubled Raman laser. , 2011, , .		1
51	330 mW CW yellow emission from miniature self-Raman laser based on direct HR-coated Nd:YVO ₄ crystal. , 2011, , .		0
52	Generation of combs of wavelengths in the infrared and visible using cascaded stimulated Raman scattering in potassium titanyl phosphate. , 2011, , .		0
53	An intracavity, frequency-doubled BaWO ₄ Raman laser generating multi-watt continuous-wave, yellow emission. Optics Express, 2010, 18, 5984.	1.7	67
54	Study of relaxation oscillations in continuous-wave intracavity Raman lasers. Optics Express, 2010, 18, 11530.	1.7	11

#	ARTICLE	IF	CITATIONS
55	A wavelength-versatile, continuous-wave, self-Raman solid-state laser operating in the visible. Optics Express, 2010, 18, 20013.	1.7	89
56	Efficient 53 W cw laser at 559 nm by intracavity frequency summation of fundamental and first-Stokes wavelengths in a self-Raman Nd:GdVO ₄ laser. Optics Letters, 2010, 35, 682.	1.7	63
57	Near-infrared and orange-red emission from a continuous-wave, second-Stokes self-Raman Nd:GdVO ₄ laser. Optics Letters, 2010, 35, 3000.	1.7	25
58	Passively Q-switched and continuous-wave yellow laser formed by a self-Raman composite Nd:YVO ₄ /YVO ₄ crystal. , 2009, , .		0
59	A self-Raman, Nd:GdVO ₄ laser generating 2.5W CW output at 586nm. , 2009, , .		0
60	Investigation of femtosecond laser induced thermal ablation of polyethylene. Journal of Laser Applications, 2008, 20, 154-159.	0.8	6
61	Investigation into the power-law dependence of fibre Bragg grating growth. Optics Communications, 2006, 257, 261-269.	1.0	3
62	Laser based fabrication of micro and nano-structures using sacrificial layers. , 2004, , .		0