

James H Andrews

List of Publications by Year in descending order

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23
papers

319
citations

840776

11
h-index

839539

18
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24
all docs

24
docs citations

24
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Alkoxyphenacyl-Polycarbonate Nanoparticles for Potential Application in Near-Infrared Light-Modulated Drug Delivery via Photon Up-Conversion Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4867-4881.	0.9	1
2	Linear distributed Bragg cavity effects on optical limiting in two- and three-level media. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, E102.	2.1	1
3	Structure and symmetry in coherent perfect polarization rotation. <i>Physical Review A</i> , 2015, 91, .	2.5	10
4	Chromatic control in coextruded layered polymer microlenses. <i>Optics Express</i> , 2014, 22, 29668.	3.4	1
5	Melt-processed polymer multilayer distributed feedback lasers: Progress and prospects. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 251-271.	2.1	14
6	Thermo-spectral study of all-polymer multilayer lasers. <i>Optical Materials Express</i> , 2013, 3, 1152.	3.0	12
7	Thermo-spectral properties of plastic lasers. , 2013, , .		1
8	Modeling off-resonant nonlinear-optical cascading in mesoscopic thin films and guest-host molecular systems. <i>Physical Review A</i> , 2013, 88, .	2.5	3
9	The local-field factor and microscopic cascading: a self-consistent method applied to confined systems of molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 035401.	1.5	5
10	Folding flexible co-extruded all-polymer multilayer distributed feedback films to control lasing. <i>Optics Express</i> , 2012, 20, 15580.	3.4	22
11	More Mirror Calculations. <i>Physics Teacher</i> , 2003, 41, 196-196.	0.3	0
12	Measurement of changes in optical path length and reflectivity with phase-shifting laser feedback interferometry. <i>Applied Optics</i> , 1999, 38, 1959.	2.1	20
13	Phase-shifted laser feedback interferometry. <i>Optics Letters</i> , 1998, 23, 1078.	3.3	39
14	<title>Phase-measuring laser feedback interferometry: applications to microscopy</title>. , 1996, 2655, 153.		1
15	Pulse-compression mechanism in a synchronously pumped optical parametric oscillator. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 2199.	2.1	36
16	Characterization of excited states of centrosymmetric and noncentrosymmetric squaraines by third-harmonic spectral dispersion. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 2360.	2.1	30
17	20- fold pulse compression in a synchronously pumped optical parametric oscillator. <i>Applied Physics Letters</i> , 1994, 65, 1614-1616.	3.3	15
18	Pulse compression in a synchronously pumped optical parametric oscillator from group-velocity mismatch. <i>Optics Letters</i> , 1994, 19, 831.	3.3	44

#	ARTICLE	IF	CITATIONS
19	Contribution of the 2^1A_g state to the third-order optical nonlinearity in a squaraine dye. Optics Letters, 1994, 19, 984.	3.3	20
20	Contribution of the 2^1A_g state to the third-order optical nonlinearity in a squaraine dye: errata. Optics Letters, 1994, 19, 1909.	3.3	1
21	Optical caustics in natural phenomena. American Journal of Physics, 1992, 60, 397-407.	0.7	28
22	Pair correlations, cascading, and local-field effects in nonlinear optical susceptibilities. Physical Review A, 1992, 46, 4172-4184.	2.5	12
23	Molecular Orientation, Pair Correlations and Cascading in Nonlinear Optical Susceptibilities. Molecular Crystals and Liquid Crystals, 1992, 223, 143-150.	0.3	3