

# 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  
g-index

24  
all docs

24  
docs citations

24  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulse compression in a synchronously pumped optical parametric oscillator from group-velocity mismatch. <i>Optics Letters</i> , 1994, 19, 831.	3.3	44
2	Phase-shifted laser feedback interferometry. <i>Optics Letters</i> , 1998, 23, 1078.	3.3	39
3	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
4	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
5	Optical caustics in natural phenomena. <i>American Journal of Physics</i> , 1992, 60, 397-407.	0.7	28
6	Folding flexible co-extruded all-polymer multilayer distributed feedback films to control lasing. <i>Optics Express</i> , 2012, 20, 15580.	3.4	22
7	Contribution of the $2^1A_g$ state to the third-order optical nonlinearity in a squaraine dye. <i>Optics Letters</i> , 1994, 19, 984.	3.3	20
8	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
9	20 $\times$ fold pulse compression in a synchronously pumped optical parametric oscillator. <i>Applied Physics Letters</i> , 1994, 65, 1614-1616.	3.3	15
10	Melt $\epsilon$ 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
11	Pair correlations, cascading, and local-field effects in nonlinear optical susceptibilities. <i>Physical Review A</i> , 1992, 46, 4172-4184.	2.5	12
12	Thermo-spectral study of all-polymer multilayer lasers. <i>Optical Materials Express</i> , 2013, 3, 1152.	3.0	12
13	Structure and symmetry in coherent perfect polarization rotation. <i>Physical Review A</i> , 2015, 91, .	2.5	10
14	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
15	Molecular Orientation, Pair Correlations and Cascading in Nonlinear Optical Susceptibilities. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 223, 143-150.	0.3	3
16	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
17	Contribution of the $2^1A_g$ state to the third-order optical nonlinearity in a squaraine dye: errata. <i>Optics Letters</i> , 1994, 19, 1909.	3.3	1
18	<title>Phase-measuring laser feedback interferometry: applications to microscopy</title>. , 1996, 2655, 153.		1

#	ARTICLE	IF	CITATIONS
19	Thermo-spectral properties of plastic lasers. , 2013, , .		1
20	Chromatic control in coextruded layered polymer microlenses. Optics Express, 2014, 22, 29668.	3.4	1
21	Engineering Alkoxyphenacyl-Polycarbonate Nanoparticles for Potential Application in Near-Infrared Light-Modulated Drug Delivery via Photon Up-Conversion Process. Journal of Nanoscience and Nanotechnology, 2017, 17, 4867-4881.	0.9	1
22	Linear distributed Bragg cavity effects on optical limiting in two- and three-level media. Journal of the Optical Society of America B: Optical Physics, 2016, 33, E102.	2.1	1
23	More Mirror Calculations. Physics Teacher, 2003, 41, 196-196.	0.3	0