

Roger Dorsinville

List of Publications by Year in descending order

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27
papers

365
citations

1040056

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794594

19
g-index

28
all docs

28
docs citations

28
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Vision of Complete Fixed-Mobile Convergence. <i>Journal of Lightwave Technology</i> , 2010, 28, 2343-2357.	4.6	131
2	Temperature dependence of transient photoluminescence in tris(8-hydroxyquinoline) aluminum (Alq3). <i>Optics Communications</i> , 1998, 158, 93-96.	2.1	26
3	Extending the Gain Bandwidth of Combined Raman-Parametric Fiber Amplifiers Using Highly Nonlinear Fiber. <i>Journal of Lightwave Technology</i> , 2009, 27, 583-589.	4.6	26
4	Third-order nonlinear optical properties of a cadmium sulfide-dendrimer nanocomposite. <i>Applied Physics Letters</i> , 2005, 87, 1819-1823.	3.3	23
5	Dynamics of photoexcited states and charge carriers in organic thin films: Alq3. <i>Applied Physics Letters</i> , 1996, 69, 1677-1679.	3.3	20
6	Photooxidation effects on picosecond photoluminescence and photoconductivity in tris(8-hydroxyquinoline) aluminum (Alq3). <i>Synthetic Metals</i> , 1997, 84, 915-916.	3.9	20
7	Plasmon assisted enhanced nonlinear refraction of monodispersed silver nanoparticles and their tunability. <i>Optics Express</i> , 2014, 22, 14014.	3.4	16
8	An AND operation-based optical symbolic substitution pattern recognizer. <i>Optics Communications</i> , 1987, 63, 375-379.	2.1	14
9	Demonstration of a picosecond optical-phase-conjugation-based residue-arithmetic computation. <i>Optics Letters</i> , 1988, 13, 178.	3.3	11
10	Excited-state dynamics of thiophene thin films studied by time-resolved degenerate four-wave mixing. <i>Applied Physics Letters</i> , 1997, 70, 1216-1218.	3.3	9
11	Beam Combining of SOA-Based Bidirectional Tunable Fiber Nested Ring Lasers With Continuous Tunability Over the C-band at Room Temperature. <i>Journal of Lightwave Technology</i> , 2016, 34, 3703-3710.	4.6	8
12	Phosphorescent Emission from Polymeric Light-Emitting Diodes Doped with Chrysene-d12. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L403-L405.	1.5	7
13	Dispersion and pulse-duration dependence of the nonlinear optical response of Gd2 at C80. <i>Applied Physics Letters</i> , 2001, 78, 898-900.	3.3	7
14	Femtosecond response of J aggregates adsorbed onto silver colloid surfaces. <i>Journal of Applied Physics</i> , 2003, 94, 3143-3146.	2.5	7
15	The synthesis, characterization and third-order nonlinear optical character of poly(2,5-dipropargyloxybenzoate) containing a polar aromatic diacetylene. <i>Dyes and Pigments</i> , 2011, 88, 129-134.	3.7	7
16	Synthesis of a diacetylene-containing polyisophthalate and its third-order nonlinear optical susceptibility. <i>Designed Monomers and Polymers</i> , 2016, 19, 340-346.	1.6	5
17	Nonlinear optical absorption in laser modified regions of fused silica substrates. <i>Optics Communications</i> , 2004, 240, 417-421.	2.1	4
18	Implementation of a binary optical full adder using a Venn diagram and optical phase conjugation. <i>Optics Letters</i> , 1989, 14, 773.	3.3	3

#	ARTICLE	IF	CITATIONS
19	A Novel Technique for Designing High Power Semiconductor Optical Amplifier (SOA)-Based Tunable Fiber Compound-Ring Lasers Using Low Power Optical Components. Applied Sciences (Switzerland), 2017, 7, 478.	2.5	3
20	Birefringence and scattering characterization using polarization sensitive quantum optical coherence tomography. Optics Letters, 2021, 46, 2799.	3.3	3
21	SOA-based loop mirror for tunable pulse-width generation. Optics Communications, 2009, 282, 2608-2614.	2.1	2
22	On the Merits of Migrating From Legacy Circuit-Switched Cellular Infrastructure to a Fully Packet-Based RAN Architecture. Journal of Lightwave Technology, 2009, 27, 1968-1977.	4.6	2
23	Performance Analysis of a Hybrid Raman Optical Parametric Amplifier in the O- and E-Bands for CWDM PONs. Photonics, 2014, 1, 473-487.	2.0	2
24	Measurement of nonlinear phase of a SOA using an asymmetric loop mirror. Optics and Laser Technology, 2008, 40, 995-999.	4.6	1
25	THIRD-ORDER NONLINEAR OPTICAL PROPERTY OF POLY(HEXA-2,4-DIYNYLENE-1,6-DIOXYDICINNAMATE) CONTAINING A POLAR AZO DYE, DETERMINED BY Z-SCAN TECHNIQUE. Journal of Nonlinear Optical Physics and Materials, 2009, 18, 161-166.	1.8	1
26	Plasmonic modulation and demodulation structure for the future optical WDM devices in communication system. Solid-State Electronics, 2019, 155, 159-162.	1.4	1
27	Polarization Sensitive Imaging with Qubits. Applied Sciences (Switzerland), 2022, 12, 2027.	2.5	1