

Jean Toulouse

List of Publications by Year in descending order

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31
papers

668
citations

623734

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580821

25
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32
all docs

32
docs citations

32
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezoelectric polar nanoregions and relaxation-coupled resonances in relaxor ferroelectrics. Physical Review B, 2018, 98, .	3.2	10
2	Raman spectroscopy study of reduced strontium barium niobate (SBN61) and hints of supergrowth or intergrowth structures. Journal of Raman Spectroscopy, 2018, 49, 1849-1859.	2.5	4
3	Power Fluctuations of Intermodal Four-Wave Mixing in Few-Mode Fibers. Journal of Lightwave Technology, 2017, 35, 2429-2435.	4.6	24
4	Transmission Over 1050-km Few-Mode Fiber Based on Bidirectional Distributed Raman Amplification. Journal of Lightwave Technology, 2016, 34, 1864-1871.	4.6	29
5	Origin of the crossover between a freezing and a structural transition at low concentration in the relaxor ferroelectric $K_{1-x}Li_xTaO_3$. Physical Review	3.2	11
6	Measurements of frequency instabilities and slow random evolution of inter-modal four-wave mixing in few-mode fibers. , 2015, , .		2
7	Multiscale dynamics in relaxor ferroelectrics. Europhysics Letters, 2014, 105, 17001.	2.0	5
8	Phonon modes and central peaks in an $A_{1-x}B_x$ relaxor: A low-frequency Raman study of sodium bismuth titanate. Physical Review B, 2014, 90, .	3.2	15
9	Thermal and optical properties of $TeO_2-ZnO-BaO$ glasses. Journal of Non-Crystalline Solids, 2012, 358, 947-951.	3.1	122
10	Distributed Temperature Sensing System Based on Rayleigh Scattering BOTDA. IEEE Sensors Journal, 2011, 11, 399-403.	4.7	28
11	Fabrication and characterization of a water-free mid-infrared fluorotellurite glass. Optics Letters, 2011, 36, 740.	3.3	85
12	Tunable third-harmonic generation in a solid-core tellurite glass fiber. Optics Letters, 2011, 36, 3437.	3.3	26
13	Nonlinear frequency conversion in bismuth-doped tellurite suspended core fiber. Optics Communications, 2011, 284, 3977-3979.	2.1	5
14	Extruded tellurite glass optical fiber preforms. Journal of Materials Processing Technology, 2010, 210, 2016-2022.	6.3	19
15	Performance of double sideband modulated probe wave in BOTDA distributed fiber sensor. Microwave and Optical Technology Letters, 2010, 52, 2713-2717.	1.4	9
16	Three-color nonlinear optical mixing for the determination of the refractive index dispersion of a tellurite glass. Applied Physics Letters, 2010, 97, 131104.	3.3	3
17	Ultra-dry oxygen atmosphere to protect tellurite glass fiber from surface crystallization. Journal of Non-Crystalline Solids, 2010, 356, 525-528.	3.1	6
18	Viscosity study of the optical tellurite glass: $75TeO_2-20ZnO-5Na_2O$. Journal of Non-Crystalline Solids, 2010, 356, 1354-1358.	3.1	11

#	ARTICLE	IF	CITATIONS
19	Tb ³⁺ /Yb ³⁺ heavily-doped tellurite glasses with efficient green light emission. Journal of Non-Crystalline Solids, 2010, 356, 2896-2899.	3.1	17
20	Solid-core tellurite glass fiber for infrared and nonlinear applications. Optics Express, 2009, 17, 16716.	3.4	119
21	Nonlinear inter-core coupling in triple-core photonic crystal fibers. Optics Express, 2009, 17, 20272.	3.4	10
22	Polarization dependence of SBS in small-core PCFs. , 2008, , .		1
23	Acceleration of Slow-Light in a Brillouin Fiber Laser: pump power dependence of cavity modes. , 2008, , .		0
24	Stimulated Brillouin Scattering (SBS) in Small Core Photonic Crystal Fibers (PCF). , 2007, , .		0
25	Optically tunable silicon photonic crystal microcavities. Optics Express, 2006, 14, 4835.	3.4	6
26	Preform fabrication and drawing of KNbO ₃ modified tellurite glass fibers. Journal of Non-Crystalline Solids, 2006, 352, 519-523.	3.1	17
27	Tunable side coupled Silicon photonic crystal micro-cavities. , 2006, , .		0
28	All-optical switching in silicon photonic crystal waveguides by use of the plasma dispersion effect. Optics Letters, 2005, 30, 2254.	3.3	23
29	Translational and rotational mode coupling in disordered ferroelectric KTa _{1-x} Nb _x O ₃ studied by Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2003, 64, 665-676.	4.0	31
30	Photonic Crystal Tapers for Coupling Large Ridge Waveguides to Photonic Crystal Waveguides. Materials Research Society Symposia Proceedings, 2003, 797, 156.	0.1	0
31	Pretransitional diffuse neutron scattering in the mixed perovskite relaxor K _{1-x} Li _x TaO ₃ . Physical Review B, 2000, 62, 14736-14743.	3.2	30