

Ulf Å-sterberg

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

605
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopy of defects in germanium-doped silica glass. Journal of Applied Physics, 1993, 74, 2771-2778.	2.5	205
2	Experimental studies on efficient frequency doubling in glass optical fibers. Optics Letters, 1987, 12, 57.	3.3	149
3	Observation of Optical Precursors in Water. Physical Review Letters, 2004, 92, 193903.	7.8	61
4	Time resolved 3.10 eV luminescence in germanium-doped silica glass. Applied Physics Letters, 1993, 63, 2987-2989.	3.3	53
5	Four-photon fiber laser. Optics Letters, 1987, 12, 519.	3.3	24
6	Observation of non-exponential absorption of ultra-fast pulses in water. Optics Express, 2006, 14, 3688.	3.4	21
7	Optical precursors and Beer's law violations; non-exponential propagation losses in water. Optics Express, 2005, 13, 2105.	3.4	17
8	Coherent transients: optical precursors and Ω pulses. Journal of the Optical Society of America B: Optical Physics, 2008, 25, B1.	2.1	17
9	Phenomenological model to fit complex permittivity data of water from radio to optical frequencies. Physical Review E, 2007, 75, 046608.	2.1	13
10	Electron mean free path in fused silica and optical fiber preform. Journal of Applied Physics, 2004, 95, 6204-6208.	2.5	11
11	Can precursors improve the transmission of energy at optical frequencies?. Journal of Modern Optics, 2009, 56, 1083-1090.	1.3	10
12	Two-photon absorption and photoconductivity in photosensitive glasses. Journal of Applied Physics, 1996, 79, 8648-8655.	2.5	9
13	On precursor propagation in linear dielectrics. Optics Communications, 2007, 277, 5-13.	2.1	9
14	Precursors and Broadband Beer's Law: A Discussion on Sub-exponential Decay of Ultrafast Pulses in Water. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 854-858.	0.4	4
15	Frequency-Doubling Via Quadrupole And Dipole-Interface Interactions In Optical Glass Fibres. , 1990, , .		1
16	Comment on "Microstructured polymer fiber laser". Optics Letters, 2005, 30, 1827.	3.3	1
17	Coupling of Light into Single-Mode Optical Fiber for Data Communications. Materials Research Society Symposia Proceedings, 1992, 264, 379.	0.1	0
18	Second-Harmonic Generation in Optical Fibers. , 1991, , 243-250.		0