

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