

Kelvin Wagner

List of Publications by Year in descending order

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11
papers

371
citations

1478280
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1719901
7
g-index

11
all docs

11
docs citations

11
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	(3+1)-dimensional optical soliton dragging logic. Physical Review A, 1995, 52, 3254-3278.	1.0	153
2	Adaptive wavefront shaping for controlling nonlinear multimode interactions in optical fibres. Nature Photonics, 2018, 12, 368-374.	15.6	117
3	Asymmetric spatial soliton dragging. Optics Letters, 1994, 19, 1943.	1.7	39
4	Material figures of merit for spatial soliton interactions in the presence of absorption. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 2141.	0.9	23
5	Spatial soliton angular deflection logic gates. Applied Optics, 1999, 38, 6749.	2.1	23
6	Cascadable spatial-soliton logic gates. Applied Optics, 2000, 39, 6006.	2.1	10
7	Variational Approach to Orthogonally-polarized Optical Soliton Interaction with Cubic and Quintic Nonlinearities. Physica Scripta, 1999, 59, 365-373.	1.2	4
8	Gated Logic with Optical Solitons. , 2002, , 355-380.		2
9	Dispersion-Managed (3+1)-D Optical Solitons for Ultrafast Switching and Wavelength Conversion. , 2005, , IThC2.		0
10	Nonlinear Spatio-Temporal Propagation of (2+1)-D Solitary Waves. , 1997, , .		0
11	Cascadable Optical Logic. , 1999, , .		0