

Mark E Saffman

List of Publications by Year in descending order

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174
docs citations

174
times ranked

4439
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Coherence of Light in Collective Spontaneous Emission. PRX Quantum, 2022, 3, .	3.5	5
2	Multi-qubit entanglement and algorithms on a neutral-atom quantum computer. Nature, 2022, 604, 457-462.	13.7	180
3	Simple, passive design for large optical trap arrays for single atoms. Physical Review A, 2022, 105, .	1.0	15
4	Atomic Qubits. Graduate Texts in Physics, 2021, , 221-251.	0.1	0
5	Photon-recoil and laser-focusing limits to Rydberg gate fidelity. Physical Review A, 2021, 103, .	1.0	25
6	Impacts of random filling on spin squeezing via Rydberg dressing in optical clocks. Physical Review A, 2021, 103, .	1.0	6
7	Efficient generation of optical bottle beams. Nanophotonics, 2021, 10, 2893-2901.	2.9	7
8	Lipkin model on a quantum computer. Physical Review C, 2021, 104, .	1.1	28
9	Freedom of the mixer rotation axis improves performance in the quantum approximate optimization algorithm. Physical Review A, 2021, 104, .	1.0	10
10	Application of adiabatic passage in Rydberg atomic ensembles for quantum information processing. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 182001.	0.6	20
11	Symmetric Rydberg controlled- Z gates with adiabatic pulses. Physical Review A, 2020, 101, .	1.0	59
12	Speed, retention loss, and motional heating of atoms in an optical conveyor belt. Physical Review A, 2020, 101, .	1.0	12
13	Perspectives on quantum transduction. Quantum Science and Technology, 2020, 5, 020501.	2.6	155
14	Generation of 14.0 mW of single-frequency light at 770 nm by intracavity frequency doubling. Optics Letters, 2020, 45, 339.	1.7	15
15	Diffraction chips for magneto-optical trapping of two atomic species. , 2020, , .		0
16	Microwave-to-optical conversion via four-wave mixing in a cold ytterbium ensemble. Physical Review A, 2019, 100, .	1.0	37
17	Microwave to optical conversion with atoms on a superconducting chip. New Journal of Physics, 2019, 21, 073033.	1.2	34
18	The next step in making arrays of single atoms. Nature, 2019, 567, 468-470.	13.7	4

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19	Rydberg-Mediated Entanglement in a Two-Dimensional Neutral Atom Qubit Array. <i>Physical Review Letters</i> , 2019, 123, 230501.	2.9	191
20	Quantum computing with neutral atoms. <i>National Science Review</i> , 2019, 6, 24-25.	4.6	23
21	Theory of long-range interactions for Rydberg states attached to hyperfine-split cores. <i>Physical Review A</i> , 2018, 97, .	1.0	14
22	Reducing the sensitivity of Rydberg atoms to dc electric fields using two-frequency ac field dressing. <i>Physical Review A</i> , 2018, 97, .	1.0	20
23	Fast three-qubit Toffoli quantum gate based on three-body FÃ¶rster resonances in Rydberg atoms. <i>Physical Review A</i> , 2018, 98, .	1.0	45
24	High-fidelity Rydberg quantum gate via a two-atom dark state. <i>Physical Review A</i> , 2017, 96, .	1.0	84
25	Microwave-to-optical frequency conversion using a cesium atom coupled to a superconducting resonator. <i>Physical Review A</i> , 2017, 96, .	1.0	55
26	Parallel Low-Loss Measurement of Multiple Atomic Qubits. <i>Physical Review Letters</i> , 2017, 119, 180504.	2.9	46
27	Grover search algorithm with Rydberg-blockaded atoms: quantum Monte Carlo simulations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 094004.	0.6	11
28	Optimized coplanar waveguide resonators for a superconductorâ€™atom interface. <i>Applied Physics Letters</i> , 2016, 109, 092602.	1.5	13
29	Two-qubit gates using adiabatic passage of the Stark-tuned FÃ¶rster resonances in Rydberg atoms. <i>Physical Review A</i> , 2016, 94, .	1.0	51
30	Long working distance objective lenses for single atom trapping and imaging. <i>Review of Scientific Instruments</i> , 2016, 87, 073107.	0.6	17
31	Simulated quantum process tomography of quantum gates with Rydberg superatoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 114007.	0.6	20
32	Comparison of Gaussian and super Gaussian laser beams for addressing atomic qubits. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	1.1	31
33	High-fidelity Rydberg-blockade entangling gate using shaped, analytic pulses. <i>Physical Review A</i> , 2016, 94, .	1.0	70
34	Quantum computing with atomic qubits and Rydberg interactions: progress and challenges. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 202001.	0.6	437
35	Doubly Magic Optical Trapping for Cs Atom Hyperfine Clock Transitions. <i>Physical Review Letters</i> , 2016, 117, 150801.	2.9	21
36	Improved Error Thresholds for Measurement-Free Error Correction. <i>Physical Review Letters</i> , 2016, 117, 130503.	2.9	26

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37	Rydberg-blockade controlled-not gate and entanglement in a two-dimensional array of neutral-atom qubits. Physical Review A, 2015, 92, .	1.0	186
38	Rydberg blockade, Fano resonances, and quantum state measurements with different atomic species. Physical Review A, 2015, 92, .	1.0	60
39	Coherence and Rydberg Blockade of Atomic Ensemble Qubits. Physical Review Letters, 2015, 115, 093601.	2.9	75
40	Towards scalable quantum information processing with cold atoms and Rydberg blockade. Proceedings of SPIE, 2015, , .	0.8	0
41	Measurement of holmium Rydberg series through magneto-optical trap depletion spectroscopy. Physical Review A, 2015, 91, .	1.0	18
42	Randomized Benchmarking of Single-Qubit Gates in a 2D Array of Neutral-Atom Qubits. Physical Review Letters, 2015, 114, 100503.	2.9	187
43	Coherent control of mesoscopic atomic ensembles for quantum information. Laser Physics, 2014, 24, 074013.	0.6	16
44	Hybrid atom-photon quantum gate in a superconducting microwave resonator. Physical Review A, 2014, 89, .	1.0	59
45	Magneto-optical trapping of holmium atoms. Physical Review A, 2014, 89, .	1.0	65
46	Atomic Fock State Preparation Using Rydberg Blockade. Physical Review Letters, 2014, 112, 043602.	2.9	71
47	Preparation of Entangled and Antiferromagnetic States by Dissipative Rydberg Pumping. Physical Review Letters, 2013, 111, 033607.	2.9	127
48	Quantum gates in mesoscopic atomic ensembles based on adiabatic passage and Rydberg blockade. Physical Review A, 2013, 88, .	1.0	73
49	Analysis of a controlled phase gate using circular Rydberg states. Physical Review A, 2013, 88, .	1.0	31
50	Two-dimensional lattice of blue-detuned atom traps using a projected Gaussian beam array. Physical Review A, 2013, 88, .	1.0	77
51	Crossed vortex bottle beam trap for single-atom qubits. Optics Letters, 2012, 37, 851.	1.7	50
52	Ultrafast diffractive optical micro-trap arrays for neutral atom quantum computing. Proceedings of SPIE, 2012, , .	0.8	1
53	Entanglement of Two Atoms Using Rydberg Blockade. Advances in Atomic, Molecular and Optical Physics, 2012, 61, 81-115.	2.3	9
54	Fidelity of a Rydberg-blockade quantum gate from simulated quantum process tomography. Physical Review A, 2012, 85, .	1.0	74

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55	Rydberg-Induced Solitons: Three-Dimensional Self-Trapping of Matter Waves. <i>Physical Review Letters</i> , 2011, 106, 170401.	2.9	112
56	Multibit C k NOT quantum gates via Rydberg blockade. <i>Quantum Information Processing</i> , 2011, 10, 755-770.	1.0	90
57	Magic-wavelength optical traps for Rydberg atoms. <i>Physical Review A</i> , 2011, 84, .	1.0	80
58	Efficient Grover search with Rydberg blockade. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 184016.	0.6	44
59	Rydberg state mediated quantum gates and entanglement of pairs of neutral atoms. <i>Journal of Physics: Conference Series</i> , 2011, 264, 012023.	0.3	36
60	A quantum telecom link. <i>Nature Physics</i> , 2010, 6, 838-839.	6.5	0
61	Independent individual addressing of multiple neutral atom qubits with a micromirror-based beam steering system. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	47
62	Deterministic entanglement of two neutral atoms via Rydberg blockade. <i>Physical Review A</i> , 2010, 82, .	1.0	143
63	Quantum information with Rydberg atoms. <i>Reviews of Modern Physics</i> , 2010, 82, 2313-2363.	16.4	1,968
64	Demonstration of a Neutral Atom Controlled-NOT Quantum Gate. <i>Physical Review Letters</i> , 2010, 104, 010503.	2.9	680
65	Deterministic Entanglement of Two Neutral Atoms Using Rydberg Blockade. , 2010, , .		0
66	Efficient Multiparticle Entanglement via Asymmetric Rydberg Blockade. <i>Physical Review Letters</i> , 2009, 102, 240502.	2.9	131
67	Spin squeezing of atomic ensembles by multicolor quantum nondemolition measurements. <i>Physical Review A</i> , 2009, 79, .	1.0	45
68	Observation of Rydberg blockade between two atoms. <i>Nature Physics</i> , 2009, 5, 110-114.	6.5	752
69	Atom trapping in an interferometrically generated bottle beam trap. <i>Optics Letters</i> , 2009, 34, 1159.	1.7	118
70	Scaling the neutral-atom Rydberg gate quantum computer by collective encoding in holmium atoms. <i>Physical Review A</i> , 2008, 78, .	1.0	84
71	Doppler-free, multiwavelength acousto-optic deflector for two-photon addressing arrays of Rb atoms in a quantum information processor. <i>Applied Optics</i> , 2008, 47, 1816.	2.1	11
72	Rabi Oscillations between Ground and Rydberg States with Dipole-Dipole Atomic Interactions. <i>Physical Review Letters</i> , 2008, 100, 113003.	2.9	150

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73	Compression and localization of an atomic cloud in a time dependent optical lattice. Journal of Modern Optics, 2008, 55, 2187-2201.	0.6	2
74	Nondestructive Probing of Rabi Oscillations on the Cesium Clock Transition near the Standard Quantum Limit. Physical Review Letters, 2008, 100, 103601.	2.9	56
75	Error Correction in Ensemble Registers for Quantum Repeaters and Quantum Computers. Physical Review Letters, 2008, 100, 110506.	2.9	39
76	Consequences of Zeeman degeneracy for the van der Waals blockade between Rydberg atoms. Physical Review A, 2008, 77, .	1.0	231
77	Collective Focusing and Modulational Instability of Light and Cold Atoms. Lecture Notes in Physics, 2008, , 1-20.	0.3	2
78	Enhanced stability of nonlocal solitons in saturable focusing media. , 2007, , .		0
79	Quantum Computing with Collective Ensembles of Multilevel Systems. Physical Review Letters, 2007, 99, 260501.	2.9	131
80	Universal quantum computation in a neutral-atom decoherence-free subspace. Physical Review A, 2007, 75, .	1.0	25
81	Observation of twin beam correlations and quadrature entanglement by frequency doubling in a two-port resonator. Europhysics Letters, 2007, 78, 40004.	0.7	2
82	Nonlocal Stabilization of Nonlinear Beams in a Self-Focusing Atomic Vapor. Physical Review Letters, 2007, 98, 263902.	2.9	152
83	Two-dimensional atomic lithography by submicrometer focusing of atomic beams. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1161.	0.9	9
84	Intensity correlations and entanglement by frequency doubling in a two-port resonator. Physical Review A, 2006, 74, .	1.0	8
85	Fast Ground State Manipulation of Neutral Atoms in Microscopic Optical Traps. Physical Review Letters, 2006, 96, 063001.	2.9	140
86	Analysis of EPR correlated twin beam generation by frequency doubling in a dual ported resonator. , 2006, , .		0
87	Multiconical emission of a monolithic mini-cavity optical parametric oscillator. Optics Communications, 2005, 251, 165-171.	1.0	1
88	Zeros of Rydberg-Rydberg FÃ¼rster interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, S309-S319.	0.6	71
89	Entangling single- and N-atom qubits for fast quantum state detection and transmission. Physical Review A, 2005, 72, .	1.0	64
90	Multiconical transverse patterns of monolithic mini-cavity optical parametric oscillator. , 2005, , .		0

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91	Publisher's Note: Entangling single- and N-atom qubits for fast quantum state detection and transmission [Phys. Rev. A 72, 042302 (2005)]. Physical Review A, 2005, 72, .	1.0	3
92	Analysis of a quantum logic device based on dipole-dipole interactions of optically trapped Rydberg atoms. Physical Review A, 2005, 72, .	1.0	219
93	Absolute instability and pattern formation in cold atomic vapors. , 2005, , .		5
94	Mutual self-focusing and modulational instability in cold atomic vapors. , 2005, , .		0
95	Modulational instability in quadratic media in a quasi self-imaging resonator. , 2005, , .		0
96	Experimental study of nonlinear focusing in a magneto-optical trap using a Z-scan technique. Physical Review A, 2004, 70, .	1.0	20
97	Two-dimensional modulational instability in photorefractive media. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S397-S403.	1.4	24
98	Propagation of a mutually incoherent optical vortex pair in anisotropic nonlinear media. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S318-S322.	1.4	47
99	Z-scan formula for two-level atoms. Optics Communications, 2004, 241, 513-520.	1.0	8
100	Creation, doubling and splitting of vortices in intracavity second harmonic generation. Journal of Optics, 2004, 6, 486-489.	1.5	3
101	Addressing atoms in optical lattices with Bessel beams. Optics Letters, 2004, 29, 1016.	1.7	16
102	Two dimensional modulational instability in photorefractive media. , 2004, , .		1
103	Observation of spatial modulation instability in intracavity second-harmonic generation. Optics Letters, 2003, 28, 31.	1.7	6
104	Observation of self-pulsing in singly resonant optical second-harmonic generation with competing nonlinearities. Physical Review A, 2002, 65, .	1.0	22
105	Quantum properties of transverse pattern formation in second-harmonic generation. Physical Review A, 2002, 66, .	1.0	16
106	Low- and high-mode separation of short wavelength turbulence in dithering Wendelstein 7-AS plasmas. Physics of Plasmas, 2002, 9, 3035-3049.	0.7	12
107	Changes in density fluctuations associated with confinement transitions close to a rational edge rotational transform in the W7-AS stellarator. Plasma Physics and Controlled Fusion, 2002, 44, 1581-1607.	0.9	14
108	Spatial distribution of turbulence in the Wendelstein 7-AS stellarator. Plasma Sources Science and Technology, 2002, 11, A138-A142.	1.3	10

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109	Spatial quantum noise in singly resonant second-harmonic generation. <i>Optics Letters</i> , 2002, 27, 110.	1.7	9
110	Spatial quantum noise in singly resonant second-harmonic generation:â€ferrata. <i>Optics Letters</i> , 2002, 27, 551.	1.7	5
111	Creating single-atom and single-photon sources from entangled atomic ensembles. <i>Physical Review A</i> , 2002, 66, .	1.0	183
112	Transverse modulational instability in counterpropagating two-wave mixing with frequency-detuned pump beams. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2001, 18, 628.	0.9	11
113	Spatiotemporal structures in the internally pumped optical parametric oscillator. <i>Physical Review A</i> , 2001, 63, .	1.0	16
114	Manipulation of optical patterns by frequency detuning of the pump beams. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2001, 3, 318-327.	1.4	9
115	CO2 laser based two-volume collective scattering instrument for spatially localized turbulence measurements. <i>Review of Scientific Instruments</i> , 2001, 72, 2579-2592.	0.6	21
116	Coupled Propagation of Light and Matter Waves: Solitons and Transverse Instabilities. <i>Springer Series in Optical Sciences</i> , 2001, , 433-447.	0.5	3
117	Manipulation of optical patterns by frequency detuning of the pump beams. , 2001, , .		0
118	Nonlinear analysis of pattern formation in singly resonant second-harmonic generation. <i>Optics Communications</i> , 2000, 184, 493-505.	1.0	12
119	Collapse in a forced three-dimensional nonlinear SchrÃdinger equation. <i>Physical Review E</i> , 2000, 62, 5793-5796.	0.8	14
120	Modification of pattern formation in doubly resonant second-harmonic generation by competing parametric oscillation. <i>Optics Letters</i> , 2000, 25, 654.	1.7	21
121	Spiral Intensity Patterns in the Internally Pumped Optical Parametric Oscillator. <i>Physical Review Letters</i> , 2000, 85, 4506-4509.	2.9	20
122	Pattern formation in singly resonant second-harmonic generation with competing parametric oscillation. <i>Physical Review A</i> , 1999, 60, 3251-3261.	1.0	35
123	Fourier control of pattern formation in an interferometric feedback configuration. <i>Optics Communications</i> , 1999, 170, 129-136.	1.0	13
124	Multiple-pattern stability in a photorefractive feedback system. <i>Applied Physics B: Lasers and Optics</i> , 1999, 69, 429-433.	1.1	20
125	Selecting optical patterns with spatial phase modulation. <i>Optics Letters</i> , 1999, 24, 1118.	1.7	18
126	Multiple stability and pattern control in a photorefractive feedback system. , 1999, , .		0

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127	Circular solitons do not exist in photorefractive media. Optics Letters, 1998, 23, 1579.	1.7	25
128	Transverse modulational instability of counterpropagating quasi-phase-matched beams in a quadratically nonlinear medium. Optics Letters, 1998, 23, 1650.	1.7	16
129	Photorefractive Materials, Effects, and Devices: introduction to feature issue. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 1968.	0.9	2
130	Phase-dependent collisions of (2+1) -dimensional spatial solitons. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 2079.	0.9	36
131	Solitary attractors and low-order filamentation in anisotropic self-focusing media. Physical Review A, 1998, 57, 522-534.	1.0	91
132	Interaction of spatial photorefractive solitons. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1998, 10, 823-837.	1.0	40
133	Selection of Unstable Patterns and Control of Optical Turbulence by Fourier Plane Filtering. Physical Review Letters, 1998, 80, 3499-3502.	2.9	77
134	Self-Induced Dipole Force and Filamentation Instability of a Matter Wave. Physical Review Letters, 1998, 81, 65-68.	2.9	40
135	Anomalous Interaction of Spatial Solitons in Photorefractive Media. Physical Review Letters, 1998, 80, 3240-3243.	2.9	160
136	Bound dipole solitary solutions in anisotropic nonlocal self-focusing media. Physical Review A, 1997, 56, R1110-R1113.	1.0	86
137	Transfer of temporal fluctuations in photorefractive two-beam coupling. Applied Physics Letters, 1997, 70, 1494-1496.	1.5	0
138	Time-dependent evolution of an optical vortex in photorefractive media. Physical Review A, 1997, 56, R1713-R1716.	1.0	18
139	Decay of High Order Optical Vortices in Anisotropic Nonlinear Optical Media. Physical Review Letters, 1997, 78, 2108-2111.	2.9	76
140	Modulational instability and pattern formation in the field of noncollinear pump beams. Optics Letters, 1997, 22, 283.	1.7	15
141	Laser anemometry based on collective scattering: the effects of propagating and nonpropagating fluctuations. Optics and Lasers in Engineering, 1997, 27, 531-542.	2.0	0
142	Break-up of two-dimensional bright spatial solitons due to transverse modulation instability. Europhysics Letters, 1996, 35, 25-30.	0.7	59
143	Control of mutual spatial coherence of temporal features by reflexive photorefractive coupling. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 41.	0.9	0
144	Vortex Evolution and Bound Pair Formation in Anisotropic Nonlinear Optical Media. Physical Review Letters, 1996, 77, 4544-4547.	2.9	72

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145	Optical vortex patterns in a unidirectional ring oscillator. <i>Physica Scripta</i> , 1996, T67, 21-25.	1.2	4
146	A combined Doppler and time-of-flight laser anemometer for measurement of density fluctuations in plasmas. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1996, 58, 1013-1019.	0.9	5
147	Pattern formation in a linear photorefractive oscillator. <i>Optics Communications</i> , 1996, 128, 281-286.	1.0	19
148	Spatially Resolved Measurements of Density Fluctuations with a Hybrid Doppler/time-of-Flight Laser Anemometer. , 1996, , .		0
149	Propagation of Dark Stripe Beams in Nonlinear Media: Snake Instability and Creation of Optical Vortices. <i>Physical Review Letters</i> , 1996, 76, 2262-2265.	2.9	156
150	Propagation of light beams in anisotropic nonlinear media: From symmetry breaking to spatial turbulence. <i>Physical Review A</i> , 1996, 54, 870-879.	1.0	162
151	Self-focusing and soliton formation in media with anisotropic nonlocal material response. <i>Europhysics Letters</i> , 1996, 36, 419-424.	0.7	82
152	Hexagonal optical patterns in anisotropic non-linear media. <i>Europhysics Letters</i> , 1996, 34, 669-674.	0.7	14
153	On the optimum spatial code of a laser anemometer. <i>Optics Communications</i> , 1995, 116, 300-306.	1.0	1
154	Spontaneous pattern formation in a thin film of bacteriorhodopsin with mixed absorptive and dispersive nonlinearity. <i>Optics Letters</i> , 1995, 20, 551.	1.7	30
155	Manipulating the information carried by an optical beam with reflexive photorefractive beam coupling. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 117.	0.9	6
156	Double phase-conjugate mirror: convection and diffraction. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 255.	0.9	11
157	Stability analysis of two photorefractive ring resonator circuits: the flip-flop and the feature extractor. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 1036.	0.9	8
158	Self-organizing photorefractive frequency demultiplexer. , 1995, , 559-561.		0
159	Propagation of Light Beams in Photorefractive Media: Fanning, Self-Bending, and Formation of Self-Pumped Four-Wave-Mixing Phase Conjugation Geometries. <i>Physical Review Letters</i> , 1994, 73, 818-821.	2.9	66
160	Topology-preserving mappings in a self-imaging photorefractively pumped ring resonator. <i>Chaos, Solitons and Fractals</i> , 1994, 4, 2077-2092.	2.5	8
161	Collapse of a transverse-mode continuum in a self-imaging photorefractively pumped ring resonator. <i>Optics Letters</i> , 1994, 19, 518.	1.7	100
162	Transverse instability of counterpropagating waves in photorefractive media. <i>Physical Review A</i> , 1993, 48, 3209-3215.	1.0	17

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163	Mode multiplexing and holographic demultiplexing communication channels on a multimode fiber. Optics Letters, 1991, 16, 300.	1.7	19
164	Fully interconnected, two-dimensional neural arrays using wavelength-multiplexed volume holograms. Optics Letters, 1991, 16, 826.	1.7	15
165	Self-organizing photorefractive frequency demultiplexer. Optics Letters, 1991, 16, 1993.	1.7	21
166	Sensitivity of Dropsize Measurements by Phase Doppler Anemometry to Refractive Index Changes in Combusting Fuel Sprays. , 1991, , 227-247.		28
167	Velocity and Drop Size Measurements in Fuel Sprays in a direct injection diesel engine. Particle and Particle Systems Characterization, 1990, 7, 160-168.	1.2	22
168	Automatic calibration of LDA measurement volume size. Applied Optics, 1987, 26, 2592.	2.1	102
169	Parametric studies of a side wall quench layer. Combustion and Flame, 1984, 55, 141-159.	2.8	22
170	Suppressing The Transition To Turbulence in a Strongly Pumped Pattern Formation Experiment. , 0, , .		0
171	Spatial patterns in second harmonic generation. , 0, , .		0
172	Multiconical transverse patterns of monolithic mini-cavity optical parametric oscillator. , 0, , .		0
173	Analysis of twin beam generation by frequency doubling in a dual ported resonator. , 0, , .		0
174	Instabilities and pattern formation of coupled nonlinear fields: classical and quantum signatures. , 0, , .		0