

# Kazimierz Rzazewski

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194  
papers

5,955  
citations

38  
h-index

71  
g-index

207  
ext. papers

6,300  
ext. citations

3.4  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
194	Statistical properties of cold bosons in a ring trap. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	3
193	Strongly Correlated Quantum Droplets in Quasi-1D Dipolar Bose Gas. <i>Physical Review Letters</i> , <b>2020</b> , 124, 090401	7.4	10
192	Fermionic quantum carpets: From canals and ridges to solitonlike structures. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	1
191	Collective oscillations of a two-component Fermi gas on the repulsive branch. <i>SciPost Physics</i> , <b>2020</b> , 8,	6.1	1
190	Breathing Mode of a Bose-Einstein Condensate Immersed in a Fermi Sea. <i>Physical Review Letters</i> , <b>2020</b> , 125, 103401	7.4	1
189	Roton in a few-body dipolar system. <i>New Journal of Physics</i> , <b>2018</b> , 20, 123006	2.9	3
188	Condensate losses and oscillations induced by Rydberg atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2017</b> , 50, 055003	1.3	1
187	Thermal solitons as revealed by the static structure factor. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	9
186	Electric dipoles vs. magnetic dipoles for two molecules in a harmonic trap. <i>Europhysics Letters</i> , <b>2017</b> , 118, 66002	1.6	1
185	Unified Description of Dynamics of a Repulsive Two-Component Fermi Gas. <i>Physical Review Letters</i> , <b>2017</b> , 119, 215303	7.4	10
184	Diagnosing a two-body state of ultracold atoms with light. <i>Europhysics Letters</i> , <b>2017</b> , 119, 46002	1.6	
183	Ground-state densities of repulsive two-component Fermi gases. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	12
182	Two dipolar atoms in a harmonic trap. <i>Europhysics Letters</i> , <b>2016</b> , 114, 46003	1.6	5
181	Making two dysprosium atoms rotate Einstein-de Haas effect revisited. <i>Europhysics Letters</i> , <b>2016</b> , 116, 26004	1.6	2
180	Diffusion in a system of a few distinguishable fermions in a one-dimensional double-well potential. <i>Europhysics Letters</i> , <b>2016</b> , 113, 56003	1.6	12
179	Pairing in a system of a few attractive fermions in a harmonic trap. <i>Europhysics Letters</i> , <b>2015</b> , 109, 26005	1.6	38
178	Imaging single Rydberg electrons in a Bose-Einstein condensate. <i>New Journal of Physics</i> , <b>2015</b> , 17, 053046	6.9	25

177	Dipolar dark solitons. <i>New Journal of Physics</i> , <b>2015</b> , 17, 105006	2.9	23
176	Classical fields and quantum measurement for Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2015</b> , 48, 035303	1.3	1
175	Correspondence between dark solitons and the type II excitations of the Lieb-Liniger model. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	21
174	Correlations of a quasi-two-dimensional dipolar ultracold gas at finite temperatures. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	9
173	A Classical-Field Approach for Bose Gases. <i>Cold Atoms</i> , <b>2013</b> , 191-202		2
172	Ground state of a two-component dipolar Fermi gas in a harmonic potential. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	5
171	Quasicondensation reexamined. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 414, 012031	0.3	
170	Statistics of the population difference for cold fermions in a double well potential. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 205302	1.3	
169	Statistics of population difference for cold bosons in a double-well potential. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 085304	1.3	
168	Spontaneous solitons in the thermal equilibrium of a quasi-1D Bose gas. <i>Physical Review Letters</i> , <b>2012</b> , 109, 205302	7.4	37
167	Mean-field description of dipolar bosons in triple-well potentials. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 225302	1.3	27
166	Statistical properties of one-dimensional attractive Bose gas. <i>Europhysics Letters</i> , <b>2011</b> , 96, 10011	1.6	17
165	Statistical properties of one-dimensional Bose gas. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	17
164	Revivals in an attractive Bose-Einstein condensate in a double-well potential and their decoherence. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	15
163	Solitons as the early stage of quasicondensate formation during evaporative cooling. <i>Physical Review Letters</i> , <b>2011</b> , 106, 135301	7.4	56
162	Spinor condensate of Rb87 as a dipolar gas. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	16
161	Constructing a classical field for a Bose-Einstein condensate in an arbitrary trapping potential: Quadrupole oscillations at nonzero temperatures. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	11
160	Background atoms and decoherence in optical lattices. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	13

159	Free expansion of a Bose-Einstein condensate in the presence of a thermal cloud. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 105303	1.3	5
158	Science of Extreme Light Infrastructure <b>2010</b> ,		2
157	Dynamics and decoherence of two cold bosons in a one-dimensional harmonic trap. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	27
156	Monte Carlo method, classical fields and Bose statistics. <i>Optics Communications</i> , <b>2010</b> , 283, 671-675	2	21
155	Bose statistics and classical fields. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	25
154	Decay of multiply charged vortices at nonzero temperatures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 095301	1.3	13
153	Fluctuations of a weakly interacting Bose-Einstein condensate. <i>Europhysics Letters</i> , <b>2009</b> , 86, 10002	1.6	12
152	Splitting of doubly quantized vortices in dilute Bose-Einstein condensates. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	7
151	Coherence properties of spinor condensates at finite temperatures. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	13
150	Classical fields approximation for bosons at nonzero temperatures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, R1-R37	1.3	74
149	Simulation of a single collision of two Bose-Einstein condensates. <i>Physical Review Letters</i> , <b>2006</b> , 97, 170404	1.6	16
148	Comment on "Instability and entanglement of the ground state of the Dicke model". <i>Physical Review Letters</i> , <b>2006</b> , 96, 089301; author reply 089302	7.4	17
147	Dynamics of a relative superflow between a Bose-Einstein condensate and the thermal cloud. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	7
146	Thermally induced instability of a doubly quantized vortex in a Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2006</b> , 39, L225-L231	1.3	21
145	On the stability of Bose-Fermi mixtures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2005</b> , 38, L215-L221	1.3	12
144	Phase fluctuations of a Bose-Einstein condensate in low-dimensional geometry. <i>Physical Review A</i> , <b>2005</b> , 72,	2.6	28
143	Quantum multimode model of elastic scattering from Bose-Einstein condensates. <i>Physical Review Letters</i> , <b>2005</b> , 94, 200401	7.4	32
142	Elastic scattering losses in the four-wave mixing of Bose-Einstein condensates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2004</b> , 37, L391-L398	1.3	6

141	Soliton trains in Bose-Fermi mixtures. <i>Physical Review Letters</i> , <b>2004</b> , 93, 100401	7.4	69
140	Classical-field approximation for cold weakly interacting bosons without free parameters. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	17
139	Correlations in atomic systems: diagnosing coherent superpositions. <i>Physical Review Letters</i> , <b>2004</b> , 92, 200401	7.4	31
138	Ground state of two-component degenerate fermionic gases. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	18
137	Correlation functions of cold bosons in an optical lattice. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	29
136	Temperature-dependent Bogoliubov approximation in the classical field approach to weakly interacting Bose gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2004</b> , 37, 2725-2738	1.3	28
135	Equivalence of interaction Hamiltonians in the electric dipole approximation. <i>Journal of Modern Optics</i> , <b>2004</b> , 51, 1137-1147	1.1	5
134	Dynamics of optically generated vortices in a one-component ultracold fermionic gas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2003</b> , 36, L69-L75	1.3	2
133	Probing the classical field approximation thermodynamics and decaying vortices. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2003</b> , 5, S96-S102		38
132	Dipolar relaxation in an ultra-cold gas of magnetically trapped chromium atoms. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 77, 765-772	1.9	73
131	Two characteristic temperatures for a Bose-Einstein condensate of a finite number of particles. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	8
130	Hydrodynamic excitations of trapped dipolar fermions. <i>Physical Review A</i> , <b>2003</b> , 67,	2.6	24
129	Harmonically Trapped Classical Gas under Critical Rotation. <i>Acta Physica Polonica A</i> , <b>2003</b> , 104, 399-407	0.6	
128	Optical generation of solitonlike pulses in a single-component gas of neutral fermionic atoms. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	14
127	Spontaneous emission of atoms via collisions of Bose-Einstein condensates. <i>Physical Review A</i> , <b>2002</b> , 65,	2.6	32
126	Thermodynamics of an interacting trapped Bose-Einstein gas in the classical field approximation. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	56
125	Solitons and vortices in ultracold fermionic gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2002</b> , 35, L315-L321	1.3	15
124	How should the dynamics of an interacting degenerate Bose gas be described?. <i>Journal of Modern Optics</i> , <b>2002</b> , 49, 2039-2044	1.1	1

123	Bose-Einstein Condensates in Optical Lattices. <i>Acta Physica Polonica A</i> , <b>2002</b> , 101, 47-60	0.6	
122	Bose-Einstein condensation of two interacting particles. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2001</b> , 34, 4571-4587	1.3	23
121	Interaction of a multi-electron atom with intense radiation in the VUV range: beyond the conventional model for high harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2001</b> , 34, L289-L296	1.3	9
120	Finite temperature oscillations of a Bose-Einstein condensate in a two-gas model. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2001</b> , 34, 3575-3584	1.3	3
119	Quantum anticentrifugal force. <i>Physical Review A</i> , <b>2001</b> , 65,	2.6	27
118	Semiclassical theory of trapped fermionic dipoles. <i>Physical Review A</i> , <b>2001</b> , 63,	2.6	51
117	Multimode dynamics of a coupled ultracold atomic-molecular system. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1397-401	7.4	57
116	Multi-mode description of an interacting Bose-Einstein condensate. <i>Optics Express</i> , <b>2001</b> , 8, 92-8	3.3	77
115	Statistical Physics of Bose-Einstein Condensation. <i>Acta Physica Polonica A</i> , <b>2001</b> , 100, 7-28	0.6	2
114	Beyond the Simple Man's Model for High Harmonic Generation <b>2001</b> , 239-248		
113	Beyond the moving mirror model: Attosecond pulses from a relativistically moving plasma. <i>Laser and Particle Beams</i> , <b>2000</b> , 18, 467-475	0.9	11
112	Probe-field reflection on a plasma surface driven by a strong electromagnetic field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2000</b> , 33, 2549-2558	1.3	4
111	Bose-Einstein condensation with magnetic dipole-dipole forces. <i>Physical Review A</i> , <b>2000</b> , 61,	2.6	277
110	Quantum anti-Zeno effect. <i>Physical Review A</i> , <b>2000</b> , 61,	2.6	66
109	Probing the statistical properties of Bose-Einstein condensates with light. <i>Physical Review A</i> , <b>2000</b> , 61,	2.6	26
108	Multielectron dissociative ionization of molecules by strong femtosecond pulses. <i>Physical Review A</i> , <b>2000</b> , 61,	2.6	9
107	Structure of binary Bose-Einstein condensates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2000</b> , 33, 4017-4031	1.3	174
106	Over-the-barrier ionization of multielectron atoms by intense VUV free-electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1999</b> , 32, L1-L4	1.3	15

105	Non-self-similar modes of vibration of a Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1999</b> , 32, L271-L278	1.3	
104	Scattering of atoms on the Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1999</b> , 32, L205-L212	1.3	9
103	Coherent Evolution of Bouncing Bose-Einstein Condensates. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3577-3580	7.4	107
102	Electromagnetic radiation in a cavity with a time-dependent mirror. <i>Physical Review A</i> , <b>1999</b> , 60, 886-892	2.6	14
101	Fluctuations of the Weakly Interacting Bose-Einstein Condensate. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4376-4379	7.4	51
100	Superradiant laser: First-order phase transition and non-stationary regime. <i>European Physical Journal D</i> , <b>1999</b> , 5, 405-409	1.3	2
99	One-dimensional Thomas-Fermi model of atoms, molecules, and small clusters exposed to an intense laser field. <i>Physical Review A</i> , <b>1999</b> , 60, 2285-2295	2.6	22
98	Two Cold Atoms in a Harmonic Trap. <i>Foundations of Physics</i> , <b>1998</b> , 28, 549-559	1.2	501
97	Stopped reflection of an atomic wavepacket by a laser beam with an evanescent profile. <i>Optics Communications</i> , <b>1998</b> , 148, 376-382	2	1
96	Generation of attosecond pulse trains during the reflection of a very intense laser on a solid surface. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1998</b> , 15, 1904	1.7	57
95	Wave Packet Dynamics with Bose-Einstein Condensates. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3899-3902	7.4	30
94	Effects of motional states of a trapped atom on its interaction with nonresonant light. <i>Physical Review A</i> , <b>1998</b> , 57, 1202-1207	2.6	2
93	Strong-field driving of a dilute atomic Bose-Einstein condensate. <i>Physical Review A</i> , <b>1998</b> , 57, 488-492	2.6	4
92	Stepwise Explosion of Atomic Clusters Induced by a Strong Laser Field. <i>Physical Review Letters</i> , <b>1998</b> , 80, 1857-1860	7.4	36
91	Fluctuations of Bose-Einstein Condensate. <i>Physical Review Letters</i> , <b>1997</b> , 78, 2686-2689	7.4	85
90	Multielectron Dissociative Ionization of Molecules by Intense Laser Radiation. <i>Physical Review Letters</i> , <b>1997</b> , 78, 191-194	7.4	42
89	Atomic wave packet in a ring cavity. <i>Physical Review A</i> , <b>1997</b> , 55, 2254-2266	2.6	
88	Resonance fluorescence of an extended atomic wave packet. <i>Physical Review A</i> , <b>1997</b> , 55, 4386-4396	2.6	1

- 87 Photon generation by time-dependent dielectric: A soluble model. *Physical Review A*, **1997**, 55, 62-66 2.6 38
- 86 Fourth Statistical Ensemble for the Bose-Einstein Condensate. *Physical Review Letters*, **1997**, 79, 1789-1792 117
- 85 Stopped atomic wavepackets generated by interaction with a square-profile laser beam. *Quantum and Semiclassical Optics: Journal of the European Optical Society Part B*, **1996**, 8, 673-686 6
- 84 SFA applied to the nonsequential double ionization of the helium atom by a circularly polarized plane wave. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **1996**, 29, 3351-3362 1.3 6
- 83 Multiple reflection of an extended atomic wave packet through a square-profile laser beam. *Physical Review A*, **1996**, 53, 4260-4267 2.6
- 82 High-order optical harmonic generation from solid surfaces **1996**, 63, 499 37
- 81 Appearance intensities for multiply charged ions in a strong laser field. *Physical Review A*, **1995**, 52, 1468-1473 12
- 80 Classical aspects of quantum localization in microwave ionization of H atoms. *Physical Review A*, **1995**, 52, R2523-R2526 2.6 6
- 79 Spontaneous emission from a trapped atom. *Physical Review A*, **1995**, 52, 1494-1499 2.6 5
- 78 Classical chaos and its quantum measures in Rydberg states of multielectron atoms. *Physical Review A*, **1995**, 52, 149-156 2.6 13
- 77 Micromaser as a maser without inversion. *Physical Review A*, **1995**, 51, 3267-3273 2.6 6
- 76 SFA applied to the one-dimensional two-electron model atom. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **1995**, 28, 4413-4419 1.3 5
- 75 Measure of electron-electron correlation in atomic physics. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **1994**, 27, L503-L508 1.3 194
- 74 Ionization of an excited hydrogen atom by a high-frequency circularly polarized pulsed field. *Physical Review A*, **1994**, 50, 2528-2539 2.6 28
- 73 Ionization of highly excited hydrogen atoms by a circularly polarized microwave field. *Physical Review A*, **1993**, 47, R2468-R2471 2.6 36
- 72 Failure of an atomic-injection model for the description of pump fluctuations in masers and lasers. *Physical Review A*, **1993**, 47, 1564-1567 2.6 10
- 71 Comparison of Strong-field Light Scattering Spectra Obtained from the Dipole Correlation Function and the Dipole Expectation Value. *Journal of Modern Optics*, **1992**, 39, 795-806 1.1 7
- 70 Are Free-free Transitions a Good Basis for Nonlinear Optics?. *Journal of Modern Optics*, **1992**, 39, 2377-2381 6



69	Spontaneous emission from an extended wavepacket. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1992</b> , 25, L319-L322	1.3	26
68	Lasing from autoionization resonance. <i>Optics Communications</i> , <b>1992</b> , 92, 266-270	2	4
67	Above-threshold ionization. <i>Physics Reports</i> , <b>1991</b> , 204, 331-383	27.7	218
66	Three-dimensional-model study of above-threshold photodetachment in a linearly polarized field. <i>Physical Review A</i> , <b>1991</b> , 44, 2210-2213	2.6	17
65	Multiple ionization of atoms by powerful circularly polarized laser field. <i>Physical Review Letters</i> , <b>1991</b> , 67, 2276-2278	7.4	2
64	Stabilization of atoms in superintense laser fields: Is it real?. <i>Physical Review Letters</i> , <b>1991</b> , 66, 1038-1041	7.4	116
63	How Good is the Adiabatic Approximation for Strong Field Multiple Ionization?. <i>Journal of Modern Optics</i> , <b>1991</b> , 38, 1883-1885	1.1	2
62	Two-colour Multiphoton Ionization with Flat Continua: Analytical Solution and Numerical Test. <i>Journal of Modern Optics</i> , <b>1991</b> , 38, 997-1006	1.1	4
61	Anomalies in optical harmonic generation using high-intensity laser radiation. <i>Physical Review A</i> , <b>1990</b> , 41, 3822-3825	2.6	26
60	Three-dimensional-model study of above-threshold photodetachment. <i>Physical Review A</i> , <b>1990</b> , 41, 6176-6182	2.6	31
59	Angular photoelectron distributions in above-threshold ionization with bichromatic excitation. <i>Physical Review A</i> , <b>1990</b> , 42, 6784-6793	2.6	2
58	Quantum fluctuations in parametric down-conversion and their classical stochastic description. <i>Physical Review A</i> , <b>1990</b> , 42, 6869-6872	2.6	8
57	Noise initiation of stimulated Brillouin scattering. <i>Physical Review A</i> , <b>1990</b> , 42, 5514-5521	2.6	315
56	Beyond above-threshold ionization: ionization of an atom by an ultrashort laser pulse above atomic intensity. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1990</b> , 7, 607	1.7	13
55	The Theory of Coherent Atomic Excitation. Bruce W. Shore. In two volumes. Vol. 1, Simple Atoms and Fields. Vol. 2, Multilevel Atoms and Incoherence. Wiley-Interscience, New York, 1990. xxxiv, 1735 pp., illus. \$123. <i>Science</i> , <b>1990</b> , 250, 1603	33.3	2
54	Atoms and Laser Light: The Theory of Coherent Atomic Excitation . Bruce W. Shore. In two volumes. Vol. 1, Simple Atoms and Fields. Vol. 2, Multilevel Atoms and Incoherence. Wiley-Interscience, New York, 1990. xxxiv, 1735 pp., illus. \$123. <i>Science</i> , <b>1990</b> , 250, 1603-1603	33.3	
53	Atoms and Laser Light: The Theory of Coherent Atomic Excitation . Bruce W. Shore. In two volumes. Vol. 1, Simple Atoms and Fields. Vol. 2, Multilevel Atoms and Incoherence. Wiley-Interscience, New York, 1990. xxxiv, 1735 pp., illus. \$123. <i>Science</i> , <b>1990</b> , 250, 1603-1603	33.3	
52	Resonance fluorescence of an arbitrarily driven two-level atom. <i>Physical Review A</i> , <b>1989</b> , 40, 3164-3178	2.6	36

51	Population trapping in laser-induced continuum-continuum transitions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1989</b> , 22, 3175-3185	1.3	2
50	Generalisation of Fermi's golden rule for the strong bound-free transitions. <i>Journal of Physics A</i> , <b>1989</b> , 22, 4163-4169		
49	Semiclassical matrix elements, essential-states models and perturbation theory of above-threshold ionisation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1989</b> , 22, 1193-1205	1.3	25
48	Noise reduction in a Raman ring laser driven by a chaotic pump: numerical approach. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1989</b> , 6, 550	1.7	4
47	Second harmonic generation and statistical properties of light. <i>Optics Communications</i> , <b>1988</b> , 65, 225-228		20
46	Raman scattering in a ring-cavity linear regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1988</b> , 5, 53	1.7	2
45	Collisionally induced configuration mixing: soluble model with continuous spectrum. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1988</b> , 5, 2289	1.7	
44	Chirped pulses and squeezing in parametric down-conversion. <i>Physical Review A</i> , <b>1988</b> , 37, 1366-1367	2.6	
43	Angular distribution of photoelectrons in the above-threshold ionization of atomic hydrogen. <i>Physical Review A</i> , <b>1988</b> , 37, 4194-4200	2.6	13
42	Non-linear neural networks with external noise. <i>Journal of Physics A</i> , <b>1987</b> , 20, 6553-6560		4
41	Near-threshold ionization of atomic hydrogen. <i>Physical Review A</i> , <b>1987</b> , 36, 2718-2725	2.6	9
40	Competition between amplified spontaneous emission and the four-wave-mixing process. <i>Physical Review A</i> , <b>1987</b> , 35, 1648-1658	2.6	101
39	Noise reduction in a Raman ring-laser driven by a chaotic pump. <i>Optics Communications</i> , <b>1987</b> , 63, 174-178		6
38	Migration of population to higher-angular-momentum Rydberg states through the degenerate Raman coupling. <i>Physical Review A</i> , <b>1986</b> , 34, 1188-1194	2.6	20
37	Theory of fluorescence spectra induced by short laser pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1986</b> , 3, 22	1.7	51
36	Autoionization in a fluctuating electric field. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1986</b> , 3, 891	1.7	6
35	Saturation of continuum-continuum transitions in multiphoton absorption. <i>Physical Review Letters</i> , <b>1985</b> , 54, 1729	7.4	28
34	Linear-versus-nonlinear regime in macroscopic quantum fluctuations of Stokes pulses. <i>Physical Review A</i> , <b>1985</b> , 31, 1932-1935	2.6	7

33	Resonance scattering of a short laser pulse on a two-level system: Time-dependent approach. <i>Physical Review A</i> , <b>1985</b> , 31, 1558-1562	2.6	40
32	Threshold effects in strong-field photodetachment monitored by spontaneous photo-relaxation. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1984</b> , 17, 729-733		12
31	The resonance fluorescence of a two-level system driven by a smooth pulse. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1984</b> , 17, L509-L513		56
30	Averaging in quantum stochastics: a soluble model with coloured noise. <i>Journal of Physics A</i> , <b>1984</b> , 17, 1019-1031		3
29	Finite interaction times and laser-bandwidth effects on the photoemission from an autoionizing atom. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1984</b> , 1, 641	1.7	7
28	Stimulated Raman scattering of colored chaotic light. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1984</b> , 1, 671	1.7	19
27	Laser-induced auto-ionization in an inhomogeneously broadened medium. <i>Optics Communications</i> , <b>1983</b> , 46, 191-194	2	10
26	Photoexcitation of an autoionizing resonance in the presence of off-diagonal relaxation. <i>Physical Review A</i> , <b>1983</b> , 27, 2026-2042	2.6	96
25	Effects of collisional broadening and radiative recombination on the time dependence of initial-state population of a photoexcited autoionizing atom. <i>Physical Review A</i> , <b>1983</b> , 28, 3648-3650	2.6	15
24	Photon Spectrum in Laser-Induced Autoionization. <i>Physical Review Letters</i> , <b>1983</b> , 50, 417-420	7.4	50
23	Nonlinear Langevin equations with colored noise and their (harmonic) oscillator representations. <i>Physical Review A</i> , <b>1983</b> , 28, 474-476	2.6	5
22	Laser-induced autoionization in the presence of radiative damping and transverse relaxation. <i>Physical Review A</i> , <b>1983</b> , 28, 2269-2281	2.6	31
21	Threshold effects in strong-field photodetachment. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1982</b> , 15, L661-L667		77
20	Coupling between left- and right-going waves in the initial state of superfluorescence. <i>Physical Review A</i> , <b>1982</b> , 26, 1510-1515	2.6	14
19	Influence of Relaxation on Laser-Induced Autoionization. <i>Physical Review Letters</i> , <b>1982</b> , 49, 693-693	7.4	27
18	On a model for multiphoton excitation of molecules in a strong laser field. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1982</b> , 15, L903-L907		1
17	Pulse-energy statistics in stimulated Raman scattering. <i>Optics Letters</i> , <b>1982</b> , 7, 71-3	3	64
16	Classical and quantum mechanical resonance fluorescence. <i>European Physical Journal B</i> , <b>1982</b> , 48, 175-182		6

15	Statistics of stimulated stokes pulse energies in the steady-state regime. <i>Optics Communications</i> , <b>1982</b> , 43, 451-454	2	29
14	Spectral properties of superfluorescent pulses. <i>Optics Communications</i> , <b>1981</b> , 39, 194-196	2	4
13	Confluence of Bound-Free Coherences in Laser-Induced Autoionization. <i>Physical Review Letters</i> , <b>1981</b> , 47, 408-412	7.4	224
12	On the thermodynamic equivalence of the Dicke maser model and a certain spin system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1980</b> , 77, 211-213	2.3	5
11	Rabi oscillations in a partially coherent field. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , <b>1980</b> , 39, 183-185		9
10	Collective radiation and the near-zone field. <i>Journal of Physics A</i> , <b>1980</b> , 13, 743-756		13
9	Thermodynamics of oscillators interacting with radiation. <i>Journal of Physics A</i> , <b>1979</b> , 12, 2151-2156		2
8	No-go theorem concerning the superradiant phase transition in atomic systems. <i>Physical Review A</i> , <b>1979</b> , 19, 301-303	2.6	93
7	Photon bunching and antibunching in second harmonics generation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1978</b> , 66, 275-278	2.3	48
6	Bose-Einstein correlations and determination of fireball dimension in hadron collisions. <i>Physical Review D</i> , <b>1978</b> , 18, 4308-4312	4.9	2
5	Remark on the superradiant phase transition. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1976</b> , 58, 211-212	2.3	13
4	Initial value problem and causality of radiating oscillator. <i>Journal of Physics A</i> , <b>1976</b> , 9, 1159-1170		31
3	Phase Transitions, Two-Level Atoms, and the A2 Term. <i>Physical Review Letters</i> , <b>1975</b> , 35, 432-434	7.4	212
2	Heisenberg-picture operator perturbation theory. <i>Physical Review A</i> , <b>1975</b> , 12, 2549-2567	2.6	70
1	Collective radiation by harmonic oscillators. <i>Journal of Physics A: Mathematical Nuclear and General</i> , <b>1974</b> , 7, 869-880		16