

# Joseph H Eberly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1936981/publications.pdf>

Version: 2024-02-01

39  
papers

1,737  
citations

304368

22  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superradiance. <i>Physical Review A</i> , 1971, 3, 1735-1751.	1.0	480
2	Radiation Reaction and Radiative Frequency Shifts. <i>Physical Review Letters</i> , 1973, 30, 456-460.	2.9	185
3	Scattering of a High-Intensity, Low-Frequency Electromagnetic Wave by an Unbound Electron. <i>Physical Review</i> , 1964, 136, B871-B887.	2.7	90
4	Trajectory and Mass Shift of a Classical Electron in a Radiation Pulse. <i>Physical Review</i> , 1968, 176, 1570-1573.	2.7	77
5	Green's Function in Intense-Field Electrodynamics. <i>Physical Review</i> , 1966, 151, 1058-1066.	2.7	73
6	Quantum Scattering Theory in One Dimension. <i>American Journal of Physics</i> , 1965, 33, 771-773.	0.3	70
7	Analytic Study of Pulse Chirping in Self-Induced Transparency. <i>Physical Review A</i> , 1972, 6, 822-836.	1.0	67
8	Electron Self-Energy in Intense Plane-Wave Field. <i>Physical Review</i> , 1966, 145, 1035-1040.	2.7	63
9	Superradiant Intensity Fluctuations. <i>Physical Review A</i> , 1970, 2, 1607-1610.	1.0	59
10	VII Interaction of Very Intense Light with Free Electrons. <i>Progress in Optics</i> , 1969, 7, 359-415.	0.4	55
11	Coherence Constraints and the Last Hidden Optical Coherence. <i>Physical Review Letters</i> , 2016, 117, 153901.	2.9	55
12	Optical Pulse and Pulse-Train Propagation in a Resonant Medium. <i>Physical Review Letters</i> , 1969, 22, 760-762.	2.9	51
13	Superradiance Revisited. <i>American Journal of Physics</i> , 1972, 40, 1374-1383.	0.3	45
14	The nature of solution spectra. Inhomogeneous broadening and phonon effects in frozen solutions. <i>Journal of the American Chemical Society</i> , 1978, 100, 5622-5626.	6.6	45
15	Qubit entanglement driven by remote optical fields. <i>Optics Letters</i> , 2008, 33, 270.	1.7	42
16	Triangle Measure of Tripartite Entanglement. <i>Physical Review Letters</i> , 2021, 127, 040403.	2.9	41
17	Theoretical analysis of quantum ghost imaging through turbulence. <i>Physical Review A</i> , 2011, 84, .	1.0	35
18	Proposed Experiment for Observation of Nonlinear Compton Wavelength Shift. <i>Physical Review Letters</i> , 1965, 15, 91-93.	2.9	31

#	ARTICLE	IF	CITATIONS
19	Time Operators, Partial Stationarity, and the Energy-Time Uncertainty Relation. Physical Review D, 1973, 7, 359-362.	1.6	27
20	Relativistic Statistical Mechanics and Blackbody Radiation. Physical Review, 1967, 155, 10-19.	2.7	26
21	Chirped optical pulses in nonlinear absorbers. Optics Communications, 1969, 1, 241-244.	1.0	24
22	Emerging Connections: Classical and Quantum Optics. Optics and Photonics News, 2017, 28, 34.	0.4	23
23	Very short optical pulses: A new approximation method. Physical Review A, 1974, 9, 2733-2743.	1.0	19
24	Solving non-Markovian open quantum systems with multi-channel reservoir coupling. Annals of Physics, 2012, 327, 1962-1973.	1.0	15
25	Coherent control of multipartite entanglement. Physical Review A, 2015, 91, .	1.0	11
26	Vector-soliton storage and three-pulse-area theorem. Physical Review A, 2016, 94, .	1.0	8
27	Relativistic Statistical Mechanics and Blackbody Radiation. II. Spectral Correlations. Physical Review, 1968, 166, 197-206.	2.7	5
28	Analytic Study of Pulse Chirping in Self-Induced Transparency,. Physical Review A, 1972, 6, 1258-1258.	1.0	3
29	Manipulation of optical-pulse-imprinted memory in a $\hat{L}$ system. Physical Review A, 2015, 92, .	1.0	3
30	A Quantum Electrodynamics Investigation of the Jaynes-Crisp-Stroud Approach to Spontaneous Emission. , 1973, , 635-644.		3
31	Multicolour entanglement. Nature Photonics, 2010, 4, 12-13.	15.6	2
32	Multipulse storage and manipulation via solitonic solutions. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2271.	0.9	2
33	Evanescent Waves in Potential Scattering from Regular Lattices. Physical Review D, 1972, 5, 1262-1273.	1.6	1
34	Nonlinear Coupling of Radiation Pulses to Absorbing Anharmonic Molecular Media. North-Holland Mathematics Studies, 1983, 80, 69-94.	0.2	1
35	A coherent life. Nature Photonics, 2018, 12, 637-639.	15.6	0
36	How Does Noise Affect a Quantum State?. , 2012, , 45-52.		0

#	ARTICLE	IF	CITATIONS
37	Theory of Sub-Cooperation-Limit Optical Pulses in Resonant Absorbers. , 1973, , 649-658.		0
38	Theory of Intense-Broadband-Pulse Storage and Retrieval. , 2016, , .		0
39	Multiple Pulse Chirping in Self-Induced Transparency. , 1973, , 659-673.		0