

Joseph H Eberly

List of Publications by Year in descending order

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39
papers

1,737
citations

346980

22
h-index

445137

33
g-index

41
all docs

41
docs citations

41
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Triangle Measure of Tripartite Entanglement. <i>Physical Review Letters</i> , 2021, 127, 040403.	2.9	41
2	A coherent life. <i>Nature Photonics</i> , 2018, 12, 637-639.	15.6	0
3	Emerging Connections: Classical and Quantum Optics. <i>Optics and Photonics News</i> , 2017, 28, 34.	0.4	23
4	Coherence Constraints and the Last Hidden Optical Coherence. <i>Physical Review Letters</i> , 2016, 117, 153901.	2.9	55
5	Vector-soliton storage and three-pulse-area theorem. <i>Physical Review A</i> , 2016, 94, .	1.0	8
6	Theory of Intense-Broadband-Pulse Storage and Retrieval. , 2016, , .		0
7	Multipulse storage and manipulation via solitonic solutions. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 2271.	0.9	2
8	Manipulation of optical-pulse-imprinted memory in a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ system. <i>Physical Review A</i> , 2015, 92, .	1.0	3
9	Coherent control of multipartite entanglement. <i>Physical Review A</i> , 2015, 91, .	1.0	11
10	Solving non-Markovian open quantum systems with multi-channel reservoir coupling. <i>Annals of Physics</i> , 2012, 327, 1962-1973.	1.0	15
11	How Does Noise Affect a Quantum State?. , 2012, , 45-52.		0
12	Theoretical analysis of quantum ghost imaging through turbulence. <i>Physical Review A</i> , 2011, 84, .	1.0	35
13	Multicolour entanglement. <i>Nature Photonics</i> , 2010, 4, 12-13.	15.6	2
14	Qubit entanglement driven by remote optical fields. <i>Optics Letters</i> , 2008, 33, 270.	1.7	42
15	Nonlinear Coupling of Radiation Pulses to Absorbing Anharmonic Molecular Media. <i>North-Holland Mathematics Studies</i> , 1983, 80, 69-94.	0.2	1
16	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
17	Very short optical pulses: A new approximation method. <i>Physical Review A</i> , 1974, 9, 2733-2743.	1.0	19
18	Radiation Reaction and Radiative Frequency Shifts. <i>Physical Review Letters</i> , 1973, 30, 456-460.	2.9	185

#	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	A Quantum Electrodynamical Investigation of the Jaynes-Crisp-Stroud Approach to Spontaneous Emission. , 1973, , 635-644.		3
21	Theory of Sub-Cooperation-Limit Optical Pulses in Resonant Absorbers. , 1973, , 649-658.		0
22	Multiple Pulse Chirping in Self-Induced Transparency. , 1973, , 659-673.		0
23	Superradiance Revisited. American Journal of Physics, 1972, 40, 1374-1383.	0.3	45
24	Evanescent Waves in Potential Scattering from Regular Lattices. Physical Review D, 1972, 5, 1262-1273.	1.6	1
25	Analytic Study of Pulse Chirping in Self-Induced Transparency. Physical Review A, 1972, 6, 822-836.	1.0	67
26	Analytic Study of Pulse Chirping in Self-Induced Transparency,. Physical Review A, 1972, 6, 1258-1258.	1.0	3
27	Superradiance. Physical Review A, 1971, 3, 1735-1751.	1.0	480
28	Superradiant Intensity Fluctuations. Physical Review A, 1970, 2, 1607-1610.	1.0	59
29	Optical Pulse and Pulse-Train Propagation in a Resonant Medium. Physical Review Letters, 1969, 22, 760-762.	2.9	51
30	VII Interaction of Very Intense Light with Free Electrons. Progress in Optics, 1969, 7, 359-415.	0.4	55
31	Chirped optical pulses in nonlinear absorbers. Optics Communications, 1969, 1, 241-244.	1.0	24
32	Relativistic Statistical Mechanics and Blackbody Radiation. II. Spectral Correlations. Physical Review, 1968, 166, 197-206.	2.7	5
33	Trajectory and Mass Shift of a Classical Electron in a Radiation Pulse. Physical Review, 1968, 176, 1570-1573.	2.7	77
34	Relativistic Statistical Mechanics and Blackbody Radiation. Physical Review, 1967, 155, 10-19.	2.7	26
35	Green's Function in Intense-Field Electrodynamics. Physical Review, 1966, 151, 1058-1066.	2.7	73
36	Electron Self-Energy in Intense Plane-Wave Field. Physical Review, 1966, 145, 1035-1040.	2.7	63

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37	Quantum Scattering Theory in One Dimension. American Journal of Physics, 1965, 33, 771-773.	0.3	70
38	Proposed Experiment for Observation of Nonlinear Compton Wavelength Shift. Physical Review Letters, 1965, 15, 91-93.	2.9	31
39	Scattering of a High-Intensity, Low-Frequency Electromagnetic Wave by an Unbound Electron. Physical Review, 1964, 136, B871-B887.	2.7	90