

Cem Yuce

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.

59
papers

790
citations

16
h-index

26
g-index

61
ext. papers

974
ext. citations

2.4
avg, IF

5.73
L-index

#	Paper	IF	Citations
59	Non-diffracting states at exceptional points. <i>Optics Letters</i> , 2021 , 46, 765-768	3	2
58	Quantum inverted harmonic potential. <i>Physica Scripta</i> , 2021 , 96, 105006	2.6	1
57	Quasi-stationary solutions in 1D non-Hermitian systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 403, 127384	2.3	1
56	Nonlinear non-Hermitian skin effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 408, 127484	2.3	0
55	Anomalous features of non-Hermitian topological states. <i>Annals of Physics</i> , 2020 , 415, 168098	2.5	6
54	Topological insulating phase for anti-Hermitian Hamiltonians. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126285	2.3	2
53	Robust localized zero-energy modes from locally embedded PT-symmetric defects. <i>Physical Review Research</i> , 2020 , 2,	3.9	6
52	Constant intensity conical diffraction in discrete one-dimensional lattices with charge-conjugation symmetry. <i>Optics Letters</i> , 2020 , 45, 101	3	3
51	Nonlinear waves in an anti-Hermitian lattice with cubic nonlinearity. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020 , 83, 105106	3.7	3
50	Non-Hermitian anomalous skin effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126094	2.3	14
49	Eigenstate clustering around exceptional points. <i>Physical Review A</i> , 2020 , 102,	2.6	2
48	Topological states in a non-Hermitian two-dimensional Su-Schrieffer-Heeger model. <i>Physical Review A</i> , 2019 , 100,	2.6	29
47	Topological states at exceptional points. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 2567-2570	2.3	4
46	Robust exceptional points in disordered systems. <i>Europhysics Letters</i> , 2019 , 126, 17002	1.6	10
45	State conversions around exceptional points. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019 , 52, 485301	2	1
44	Spontaneous topological pumping in non-Hermitian systems. <i>Physical Review A</i> , 2019 , 99,	2.6	15
43	Robust bulk states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 1791-1794	2.3	5

42	Open and closed boundaries in non-Hermitian topological systems. <i>Physical Review A</i> , 2019 , 99,	2.6	21
41	Pseudo topological insulators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 248-251	2.3	8
40	Edge states at the interface of non-Hermitian systems. <i>Physical Review A</i> , 2018 , 97,	2.6	63
39	Stable topological edge states in a non-Hermitian four-band model. <i>Physical Review A</i> , 2018 , 98,	2.6	28
38	PT symmetry protected non-Hermitian topological systems. <i>Scientific Reports</i> , 2018 , 8, 17416	4.9	27
37	Spontaneously broken particle-hole symmetry in photonic graphene with gain and loss. <i>Physical Review A</i> , 2018 , 98,	2.6	18
36	PT symmetric Floquet topological phase in SSH model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 2013-2016	2.3	23
35	Self-acceleration in non-Hermitian systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017 , 381, 2235-2238	2.3	1
34	Self-oscillating beams in a photonic lattice. <i>Europhysics Letters</i> , 2016 , 114, 64001	1.6	2
33	Majorana edge modes with gain and loss. <i>Physical Review A</i> , 2016 , 93,	2.6	55
32	Super Bloch oscillation in aPTsymmetric system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 2260-2264	2.3	7
31	Self-accelerating parabolic cylinder waves in 1-D. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 3791-3795	2.3	4
30	Discrete parametric oscillation and nondiffracting beams in a Glauber-Bloch oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 3307-3311	2.3	2
29	Pseudo PT symmetric lattice. <i>European Physical Journal D</i> , 2015 , 69, 1	1.3	6
28	PT symmetric Floquet topological phase. <i>European Physical Journal D</i> , 2015 , 69, 1	1.3	43
27	Discrete rogue waves in an array of waveguides. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 1251-1255	2.3	4
26	Discrete rogue waves in an array of waveguides 2015 ,		1
25	Self-accelerating matter waves. <i>Modern Physics Letters B</i> , 2015 , 29, 1550171	1.6	8

24	Topological phase in a non-Hermitian . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 1213-1218	2.3	106
23	PT symmetric Aubry-Andre model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 2024-2028	2.3	49
22	Dynamical control in a quasi-periodically modulated optical lattice. <i>Europhysics Letters</i> , 2013 , 103, 30011-1.6	1.6	5
21	Fast frictionless expansion of an optical lattice. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 376, 1717-1720	2.3	9
20	Scattering from a PT symmetric standing wave. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 376, 2770-2774	2.3	1
19	Shortcuts to adiabaticity for growing condensates. <i>Physica Scripta</i> , 2012 , 86, 055001	2.6	4
18	Critical trap aspect ratios for dipolar BEC. <i>European Physical Journal D</i> , 2011 , 61, 695-699	1.3	4
17	Bright soliton in an expulsive potential in a dipolar condensate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 1913-1916	2.3	1
16	Oscillating and rotating boundary conditions in quantum mechanics. <i>Physica Scripta</i> , 2011 , 83, 035005	2.6	
15	Off-axis vortex in a rotating dipolar Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010 , 43, 135301	1.3	8
14	Dynamical Casimir effect for a swinging cavity. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009 , 42, 035403	2	5
13	The dynamical Casimir effect for two oscillating mirrors in 3D. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 265401	2	10
12	An exact treatment for the BEC with three-body recombination and time-dependent scattering length. <i>Annals of Physics</i> , 2007 , 322, 1249-1253	2.5	2
11	Dark and bright solitons in a Bose-Einstein condensate with a Feshbach resonance. <i>Physica Scripta</i> , 2007 , 75, 157-159	2.6	2
10	Free electron in a laser field: The nonrelativistic solution. <i>Physical Review A</i> , 2006 , 74,	2.6	3
9	Feshbach resonance and growth of a Bose-Einstein condensate. <i>Physical Review A</i> , 2006 , 74,	2.6	21
8	ABSORPTION AND EMISSION PROCESSES IN NONCOMMUTATIVE SPACE. <i>Modern Physics Letters A</i> , 2006 , 21, 1829-1836	1.3	
7	Inverted oscillator. <i>Physica Scripta</i> , 2006 , 74, 114-116	2.6	35

6	Time-dependent PT symmetric problems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 336, 290-294	2.3	12
5	Singular potentials and moving boundaries in 3D. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 321, 291-294	2.3	11
4	Exact solvability of moving boundary problems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 327, 107-112	2.3	11
3	Exact solution of the time-dependent harmonic plus an inverse harmonic potential with a time-dependent electromagnetic field. <i>Annals of Physics</i> , 2003 , 308, 599-604	2.5	19
2	T violation in $B \rightarrow \pi\pi$ decay beyond standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 542, 229-238	4.2	28
1	T-odd correlations in $B \rightarrow K^*l+l$ decay beyond the standard model. <i>Physical Review D</i> , 2002 , 66,	4.9	19