

Jung-Wan Ryu

List of Publications by Year in descending order

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36
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-layered transformation cavities: Crossover between local and global transformations. Physical Review A, 2022, 105, .	1.0	0
2	Nonorientability-induced $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ phase transition in ladder lattices. Physical Review A, 2021, 103, .	1.0	1
3	Transformation cavities with a narrow refractive index profile. Optics Letters, 2021, 46, 1900.	1.7	1
4	Salient role of the non-Hermitian coupling for optimizing conditions in multiple maximizations of inter-cavity light transfer. Optics Express, 2021, 29, 19998.	1.7	2
5	Stochastic thermodynamics of inertial-like Stuartâ€™Landau dimer. New Journal of Physics, 2021, 23, 105005.	1.2	7
6	Optimization of conformal whispering gallery modes in limaçon-shaped transformation cavities. Scientific Reports, 2019, 9, 8506.	1.6	9
7	Flat-band localization and self-collimation of light in photonic crystals. Scientific Reports, 2019, 9, 2862.	1.6	15
8	Boundary integral equation method for resonances in gradient index cavities designed by conformal transformation optics. Scientific Reports, 2019, 9, 19684.	1.6	3
9	Quantum Transport and Non-Hermiticity on Flat-Band Lattices. Journal of Low Temperature Physics, 2018, 191, 49-60.	0.6	5
10	Husimi functions at gradient index cavities designed by conformal transformation optics. Optics Express, 2018, 26, 6851.	1.7	10
11	Reconfiguration of quantum states in $\mathbb{P}T$ -symmetric quasi-one-dimensional lattices. Scientific Reports, 2017, 7, 8746.	1.6	5
12	Amplitude death in a ring of nonidentical nonlinear oscillators with unidirectional coupling. Chaos, 2017, 27, 083119.	1.0	5
13	Antiresonance induced by symmetry-broken contacts in quasi-one-dimensional lattices. Physical Review B, 2017, 96, .	1.1	6
14	Designing whispering gallery modes via transformation optics. Nature Photonics, 2016, 10, 647-652.	15.6	47
15	Designing whispering gallery modes via transformation optics. , 2016, , .		0
16	Exceptional points in coupled dissipative dynamical systems. Physical Review E, 2015, 91, 052910.	0.8	19
17	Designing whispering gallery modes via transformation optics. , 2015, , .		0
18	Rotationally reconfigurable metamaterials based on moiré phenomenon. Optics Express, 2015, 23, 17443.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Abnormal high-Q modes of coupled stadium-shaped microcavities. <i>Optics Letters</i> , 2014, 39, 4196.	1.7	1
20	Terahertz beat frequency generation from two-mode lasing operation of coupled microdisk laser. <i>Optics Letters</i> , 2012, 37, 3210.	1.7	4
21	Designing coupled microcavity lasers for high-Q modes with unidirectional light emission. <i>Optics Letters</i> , 2011, 36, 1116.	1.7	21
22	Nonorthogonal pairs of copropagating optical modes in deformed microdisk cavities. <i>Physical Review A</i> , 2011, 84, .	1.0	78
23	Coupled nonidentical microdisks: Avoided crossing of energy levels and unidirectional far-field emission. <i>Physical Review A</i> , 2009, 79, .	1.0	44
24	Oscillation Quenching in Coupled Different Oscillators. <i>Journal of the Korean Physical Society</i> , 2009, 55, 395-399.	0.3	6
25	Resonances in a circular dielectric cavity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 3531-3536.	0.9	17
26	Divergent Petermann factor of interacting resonances in a stadium-shaped microcavity. <i>Physical Review A</i> , 2008, 78, .	1.0	66
27	Quantum localization in open chaotic systems. <i>Physical Review E</i> , 2008, 78, 037201.	0.8	7
28	Mode Exchange by Cyclic Parameter Variation in Dielectric Microcavity. , 2007, , .		0
29	Characteristics of Lasing Modes in a Spiral-Shaped Microcavity. <i>Progress of Theoretical Physics Supplement</i> , 2007, 166, 112-118.	0.2	3
30	Symmetric Interacting Whispering Gallery Modes in Coupled Dielectric Microdisks. , 2007, , .		0
31	Directional interacting whispering-gallery modes in coupled dielectric microdisks. <i>Physical Review A</i> , 2006, 74, .	1.0	33
32	Stabilization of a chaotic laser and quenching. <i>Applied Physics Letters</i> , 2005, 86, 181104.	1.5	9
33	Scarred resonances and steady probability distribution in a chaotic microcavity. <i>Physical Review A</i> , 2005, 72, .	1.0	57
34	Quasiscarred Resonances in a Spiral-Shaped Microcavity. <i>Physical Review Letters</i> , 2004, 93, 164102.	2.9	124
35	Anti-synchronization of chaotic oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 320, 39-46.	0.9	183
36	Mesoscopic Möbius ladder lattices as non-Hermitian model systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 0, , .	0.7	0