

Jae Woong Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

539
citations

1040056

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docs citations

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times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Topological Nodal Phase in Bilayer Resonant Gratings. <i>Physical Review Letters</i> , 2022, 128, 053002.	7.8	6
2	Topological guided-mode resonances at non-Hermitian nanophotonic interfaces. <i>Nanophotonics</i> , 2021, 10, 1853-1860.	6.0	13
3	Optical Energy-Difference Conservation in a Synthetic Anti-PT-Symmetric System. <i>Physical Review Letters</i> , 2021, 127, 083601.	7.8	10
4	Monolithic focus-tunable lens technology enabled by disk-type dielectric-elastomer actuators. <i>Scientific Reports</i> , 2020, 10, 16937.	3.3	16
5	Direct observation of time-asymmetric breakdown of the standard adiabaticity around an exceptional point. <i>Communications Physics</i> , 2020, 3, .	5.3	6
6	Addendum: Observation of an anti-PT-symmetric exceptional point and energy-difference conserving dynamics in electrical circuit resonators. <i>Nature Communications</i> , 2019, 10, 2432.	12.8	1
7	Nanophotonic identification of defects buried in three-dimensional NAND flash memory devices. <i>Nature Electronics</i> , 2018, 1, 60-67.	26.0	6
8	Time-asymmetric loop around an exceptional point over the full optical communications band. <i>Nature</i> , 2018, 562, 86-90.	27.8	139
9	Observation of an anti-PT-symmetric exceptional point and energy-difference conserving dynamics in electrical circuit resonators. <i>Nature Communications</i> , 2018, 9, 2182.	12.8	180
10	Extremely broadband, on-chip optical nonreciprocity enabled by mimicking nonlinear anti-adiabatic quantum jumps near exceptional points. <i>Nature Communications</i> , 2017, 8, 14154.	12.8	83
11	Multiple p-n junction subwavelength gratings for transmission-mode electro-optic modulators. <i>Scientific Reports</i> , 2017, 7, 46508.	3.3	11
12	Observation of exceptional points in reconfigurable non-Hermitian vector-field holographic lattices. <i>Nature Communications</i> , 2016, 7, 12201.	12.8	51
13	Broadband light absorber based on one-dimensional gratings in semiconductor films. , 2013, , .		0
14	Surface-plasmon mediated total absorption of light into silicon. <i>Optics Express</i> , 2011, 19, 20673.	3.4	14