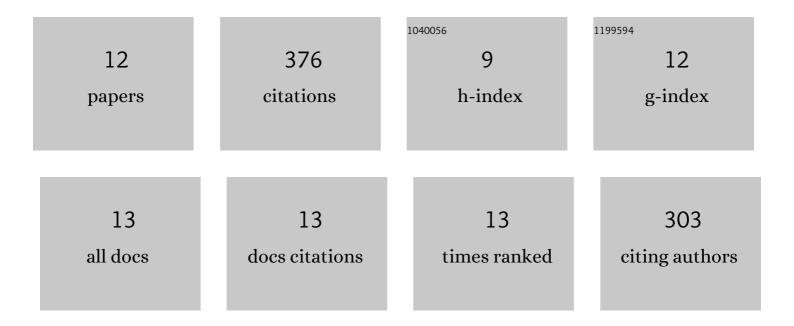
Yan Kei Chiang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Microacoustic Metagratings at Ultraâ€High Frequencies Fabricated by Twoâ€Photon Lithography. Advanced Science, 2022, 9, e2200990.	11.2	6
2	Topological Supercavity Resonances in the Finite System. Advanced Science, 2022, 9, e2200257.	11.2	34
3	Sound trapping in an open resonator. Nature Communications, 2021, 12, 4819.	12.8	56
4	Scalable Metagrating for Efficient Ultrasonic Focusing. Physical Review Applied, 2021, 16, .	3.8	20
5	Acoustic radiation force and radiation torque beyond particles: Effects of nonspherical shape and Willis coupling. Physical Review E, 2021, 104, 065003.	2.1	8
6	Fault detection of wheel in wheel/rail system using kurtosis beamforming method. Structural Health Monitoring, 2020, 19, 495-509.	7.5	24
7	Reconfigurable Acoustic Metagrating for High-Efficiency Anomalous Reflection. Physical Review Applied, 2020, 13, .	3.8	54
8	Enhanced light–matter interactions in dielectric nanostructures via machine-learning approach. Advanced Photonics, 2020, 2, 1.	11.8	81
9	Acoustic meta-atom with experimentally verified maximum Willis coupling. Nature Communications, 2019, 10, 3148.	12.8	60
10	Noise control for a dipole sound source using micro-perforated panel housing integrated with a Herschel–Quincke tube. Applied Acoustics, 2019, 148, 202-211.	3.3	13
11	Acoustic behaviors of the microperforated panel absorber array in nonlinear regime under moderate acoustic pressure excitation. Journal of the Acoustical Society of America, 2018, 143, 538-549.	1.1	16
12	Vortex sound radiation in a flow duct with a dipole source and a flexible wall of finite length. Journal of the Acoustical Society of America, 2017, 141, 1999-2010.	1.1	4