

Yan Meng

List of Publications by Year in descending order

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13
papers

1,252
citations

932766

10
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive, self-powered triboelectric auditory sensor for social robotics and hearing aids. Science Robotics, 2018, 3, .	9.9	573
2	Direct observation of valley-polarized topological edge states in designer surface plasmon crystals. Nature Communications, 2017, 8, 1304.	5.8	287
3	Low-frequency tunable acoustic absorber based on split tube resonators. Applied Physics Letters, 2016, 109, .	1.5	103
4	Anisotropic metasurface with near-unity circular polarization conversion. Applied Physics Letters, 2016, 108, .	1.5	81
5	Su-Schrieffer-Heeger model inspired acoustic interface states and edge states. Applied Physics Letters, 2018, 113, .	1.5	55
6	Topological Corner Modes Induced by Dirac Vortices in Arbitrary Geometry. Physical Review Letters, 2021, 126, 226802.	2.9	37
7	Spoof surface plasmon polaritons on ultrathin metal strips with tapered grooves. Optics Communications, 2015, 356, 59-63.	1.0	34
8	Designing topological interface states in phononic crystals based on the full phase diagrams. New Journal of Physics, 2018, 20, 073032.	1.2	29
9	Topological interface states in multiscale spoof-insulator-spoof waveguides. Optics Letters, 2016, 41, 3698.	1.7	21
10	Willis coupling in water waves. New Journal of Physics, 2021, 23, 073004.	1.2	14
11	Non-Hermitian topological coupler for elastic waves. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	7
12	Surface plasmon polaritons on the thin metallic film coated with symmetrical and asymmetrical dielectric gratings. Journal Physics D: Applied Physics, 2017, 50, 485101.	1.3	6
13	Acoustic Pulling with a Single Incident Plane Wave. Physical Review Applied, 2020, 14, .	1.5	5