Yarden Mazor

List of Publications by Year
in descending order

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32	868	840776 11	839539 18
papers	citations	h-index	g-index

32	32	32	916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fundamentals of acoustic Willis media. Wave Motion, 2022, 112, 102930.	2.0	1
2	Homogenization and design of acoustic Willis metasurfaces. Physical Review B, 2021, 103, .	3.2	17
3	Tailoring Light with Layered and MoirÃ© Metasurfaces. Trends in Chemistry, 2021, 3, 342-358.	8.5	69
4	Unitary Excitation Transfer between Coupled Cavities Using Temporal Switching. Physical Review Letters, 2021, 127, 013902.	7.8	8
5	One-Way Hyperbolic Metasurfaces Based on Synthetic Motion. IEEE Transactions on Antennas and Propagation, 2020, 68, 1739-1747.	5.1	21
6	Topological polaritons and photonic magic angles in twisted Î±-MoO3 bilayers. Nature, 2020, 582, 209-213.	27.8	413
7	Routing Optical Spin and Pseudospin with Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	14
8	MoirÃ© Hyperbolic Metasurfaces. Nano Letters, 2020, 20, 3217-3224.	9.1	167
9	Angular-momentum selectivity and asymmetry in highly confined wave propagation along sheath-helical metasurface tubes. Physical Review B, 2019, 99, .	3.2	9
10	Rest Frame Interference in Rotating Structures and Metamaterials. Physical Review Letters, 2019, 123, 243204.	7.8	6
11	Nonreciprocal hyperbolic propagation over moving metasurfaces. Physical Review B, 2019, 99, .	3.2	21
12	Dark modeâ€“Faraday rotation synergy for enhanced magneto-optics. Physical Review B, 2017, 95, .	3.2	2
13	Breach of electromagnetic symmetries in particle arrays. , 2016, , .		0
14	Enhanced non-reciprocity induced by synergy of dark-modes and Faraday rotation. , 2016, , .		0
15	Modal and excitation asymmetries in magnetodielectric particle chains. Physical Review B, 2016, 94, .	3.2	3
16	Left handed modes in linear arrays of isotropic particles with electric and magnetic response. , 2016, , .		0
17	Left handedness and asymmetric excitation in linear arrays of isotropic electric-magnetic particles. , 2016, , .		0
18	Synergetic interaction of dark-modes and Faraday rotation for enhanced non-reciprocity. , 2016, , .		0

#	Article	IF	Citations
19	Planar one-way guiding in periodic particle arrays with asymmetric unit cell and general group-symmetry considerations. Physical Review B, 2015, 92, .	3.2	11
20	Laterally asymmetric particle arrays for one-way guiding. , 2015, , .		0
21	Reciprocal and non-reciprocal wave phenomena in quasi-periodic particle chains. , 2015, , .		0
22	Period asymmetries in particle arrays for one-way and sector-way guiding. , 2015, , .		0
23	Waves on chains: Periodic, clustered, and quasi-periodic arrangements. , 2014, , .		0
24	Metaweaves: Sector-Way Nonreciprocal Metasurfaces. Physical Review Letters, 2014, 112, 153901.	7.8	32
25	Weaving one-way threads into non reciprocal meta-surfaces: The meta-weaves. , 2014, , .		0
26	Waves in almost periodic particle chains. Physical Review B, 2014, 90, .	3.2	4
27	Meta-Weaves: Nonreciprocal Sector-Way Surfaces. , 2014, , .		1
28	Green's function theory for one-way particle chains. Physical Review B, 2013, 87, .	3.2	32
29	Wave propagation in quasi-periodic particle chains. , 2013, , .		0
30	Interrupting inclusions and engineered surfaces. , 2013, , .		0
31	Longitudinal chirality, particle clusters, and planar nanoscale one-way guiding. , 2012, , .		0
32	Longitudinal chirality, enhanced nonreciprocity, and nanoscale planar one-way plasmonic guiding. Physical Review B, 2012, 86, .	3.2	37