

Yarden Mazor

List of Publications by Year in descending order

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papers

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840776

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docs citations

32
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological polaritons and photonic magic angles in twisted $\hat{I}\pm$ -MoO ₃ bilayers. Nature, 2020, 582, 209-213.	27.8	413
2	Moiré Hyperbolic Metasurfaces. Nano Letters, 2020, 20, 3217-3224.	9.1	167
3	Tailoring Light with Layered and Moiré Metasurfaces. Trends in Chemistry, 2021, 3, 342-358.	8.5	69
4	Longitudinal chirality, enhanced nonreciprocity, and nanoscale planar one-way plasmonic guiding. Physical Review B, 2012, 86, .	3.2	37
5	Green's function theory for one-way particle chains. Physical Review B, 2013, 87, .	3.2	32
6	Metaweaves: Sector-Way Nonreciprocal Metasurfaces. Physical Review Letters, 2014, 112, 153901.	7.8	32
7	Nonreciprocal hyperbolic propagation over moving metasurfaces. Physical Review B, 2019, 99, .	3.2	21
8	One-Way Hyperbolic Metasurfaces Based on Synthetic Motion. IEEE Transactions on Antennas and Propagation, 2020, 68, 1739-1747.	5.1	21
9	Homogenization and design of acoustic Willis metasurfaces. Physical Review B, 2021, 103, .	3.2	17
10	Routing Optical Spin and Pseudospin with Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	14
11	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
12	Angular-momentum selectivity and asymmetry in highly confined wave propagation along sheath-helical metasurface tubes. Physical Review B, 2019, 99, .	3.2	9
13	Unitary Excitation Transfer between Coupled Cavities Using Temporal Switching. Physical Review Letters, 2021, 127, 013902.	7.8	8
14	Rest Frame Interference in Rotating Structures and Metamaterials. Physical Review Letters, 2019, 123, 243204.	7.8	6
15	Waves in almost periodic particle chains. Physical Review B, 2014, 90, .	3.2	4
16	Modal and excitation asymmetries in magnetodielectric particle chains. Physical Review B, 2016, 94, .	3.2	3
17	Dark mode Faraday rotation synergy for enhanced magneto-optics. Physical Review B, 2017, 95, .	3.2	2
18	Meta-Weaves: Nonreciprocal Sector-Way Surfaces. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Fundamentals of acoustic Willis media. <i>Wave Motion</i> , 2022, 112, 102930.	2.0	1
20	Longitudinal chirality, particle clusters, and planar nanoscale one-way guiding. , 2012, , .		0
21	Wave propagation in quasi-periodic particle chains. , 2013, , .		0
22	Interrupting inclusions and engineered surfaces. , 2013, , .		0
23	Waves on chains: Periodic, clustered, and quasi-periodic arrangements. , 2014, , .		0
24	Weaving one-way threads into non reciprocal meta-surfaces: The meta-weaves. , 2014, , .		0
25	Laterally asymmetric particle arrays for one-way guiding. , 2015, , .		0
26	Reciprocal and non-reciprocal wave phenomena in quasi-periodic particle chains. , 2015, , .		0
27	Period asymmetries in particle arrays for one-way and sector-way guiding. , 2015, , .		0
28	Breach of electromagnetic symmetries in particle arrays. , 2016, , .		0
29	Enhanced non-reciprocity induced by synergy of dark-modes and Faraday rotation. , 2016, , .		0
30	Left handed modes in linear arrays of isotropic particles with electric and magnetic response. , 2016, , .		0
31	Left handedness and asymmetric excitation in linear arrays of isotropic electric-magnetic particles. , 2016, , .		0
32	Synergetic interaction of dark-modes and Faraday rotation for enhanced non-reciprocity. , 2016, , .		0