

Fuli Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3377443/publications.pdf>

Version: 2024-02-01

45
papers

2,835
citations

236925

25
h-index

254184

43
g-index

46
all docs

46
docs citations

46
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarizationâ€Multiplexed Silicon Metasurfaces for Multiâ€Channel Visible Light Modulation. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	26
2	Time-Modulated Transmissive Programmable Metasurface for Low Sidelobe Beam Scanning. <i>Research</i> , 2022, 2022, .	5.7	13
3	A Review of Tunable Electromagnetic Metamaterials With Anisotropic Liquid Crystals. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	16
4	Subwavelength optical localization with toroidal excitations in plasmonic and <sc>Mie</sc> metamaterials. <i>InformaÃnÃ-MateriÃjly</i> , 2021, 3, 577-597.	17.3	27
5	Broadband and wide angle microwave absorption with optically transparent metamaterial. <i>Optical Materials</i> , 2021, 113, 110852.	3.6	29
6	Thermally reconfigurable Fano resonance in water brick pair metamaterial. <i>Results in Physics</i> , 2021, 28, 104650.	4.1	7
7	Actively Controlled Frequency-Agile Fano-Resonant Metasurface for Broadband and Unity Modulation. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	2
8	Active Control of Terahertz Toroidal Excitations in a Hybrid Metasurface with an Electrically Biased Silicon Layer. <i>Advanced Photonics Research</i> , 2021, 2, 2100103.	3.6	19
9	Multifieldâ€Inspired Tunable Carrier Effects Based on Ferroelectricâ€Silicon PN Heterojunction. <i>Advanced Electronic Materials</i> , 2020, 6, 1900795.	5.1	12
10	Realization of a near-infrared active Fano-resonant asymmetric metasurface by precisely controlling the phase transition of Ge₂Sb₂Te₅. <i>Nanoscale</i> , 2020, 12, 8758-8767.	5.6	57
11	Titanium dioxide metasurface manipulating high-efficiency and broadband photonic spin Hall effect in visible regime. <i>Nanophotonics</i> , 2020, 9, 4327-4335.	6.0	24
12	EIA metamaterials based on hybrid metal/dielectric structures with dark-mode-enhanced absorption. <i>Optics Express</i> , 2020, 28, 17481.	3.4	10
13	Phaseâ€Modulated Scattering Manipulation for Exterior Cloaking in Metalâ€Dielectric Hybrid Metamaterials. <i>Advanced Materials</i> , 2019, 31, e1903206.	21.0	38
14	Electromagnetically induced transparency in all-dielectric metamaterials: Coupling between magnetic Mie resonance and substrate resonance. <i>Physical Review A</i> , 2019, 100, .	2.5	22
15	Engineering Coilingâ€Up Space Metasurfaces for Broadband Lowâ€Frequency Acoustic Absorption. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1900426.	2.4	25
16	Thermally controllable Mie resonances in a water-based metamaterial. <i>Scientific Reports</i> , 2019, 9, 5417.	3.3	13
17	Realization of switchable EIT metamaterial by exploiting fluidity of liquid metal. <i>Optics Express</i> , 2019, 27, 2837.	3.4	41
18	Graphene Plasmonics: A Platform for 2D Optics. <i>Advanced Optical Materials</i> , 2019, 7, 1800537.	7.3	139

#	ARTICLE	IF	CITATIONS
19	Active control of EIT-like response in a symmetry-broken metasurface with orthogonal electric dipolar resonators. <i>Photonics Research</i> , 2019, 7, 955.	7.0	29
20	Photoexcited Graphene Metasurfaces: Significantly Enhanced and Tunable Magnetic Resonances. <i>ACS Photonics</i> , 2018, 5, 1612-1618.	6.6	123
21	Achieving a high- Q response in metamaterials by manipulating the toroidal excitations. <i>Physical Review A</i> , 2018, 97, .	2.5	67
22	Broadband Terahertz Absorption in Graphene-Embedded Photonic Crystals. <i>Plasmonics</i> , 2018, 13, 1153-1158.	3.4	36
23	A Review of Tunable Acoustic Metamaterials. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1480.	2.5	94
24	Controlling optical polarization conversion with $\text{Ge}_2\text{Sb}_2\text{Te}_5$ -based phase-change dielectric metamaterials. <i>Nanoscale</i> , 2018, 10, 12054-12061.	5.6	70
25	An electromagnetic modulator based on electrically controllable metamaterial analogue to electromagnetically induced transparency. <i>Scientific Reports</i> , 2017, 7, 40441.	3.3	104
26	Weak coupling between bright and dark resonators with electrical tunability and analysis based on temporal coupled-mode theory. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	34
27	Temperature-Controlled Chameleonlike Cloak. <i>Physical Review X</i> , 2017, 7, .	8.9	21
28	Electrically controlled switch based on Fano resonance micro-structure. , 2016, , .		0
29	Electrically tunable Fano-type resonance of an asymmetric metal wire pair. <i>Optics Express</i> , 2016, 24, 11708.	3.4	19
30	Electrically Tunable Goos-Hänchen Effect with Graphene in the Terahertz Regime. <i>Advanced Optical Materials</i> , 2016, 4, 1824-1828.	7.3	144
31	Metamaterials: Tailorable Zero-Phase Delay of Subwavelength Particles toward Miniaturized Wave Manipulation Devices (<i>Adv. Mater.</i> 40/2015). <i>Advanced Materials</i> , 2015, 27, 6304-6304.	21.0	0
32	Tunable mid-infrared coherent perfect absorption in a graphene meta-surface. <i>Scientific Reports</i> , 2015, 5, 13956.	3.3	115
33	Tailorable Zero-Phase Delay of Subwavelength Particles toward Miniaturized Wave Manipulation Devices. <i>Advanced Materials</i> , 2015, 27, 6187-6194.	21.0	31
34	Mechanically stretchable and tunable metamaterial absorber. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	101
35	Tunable terahertz coherent perfect absorption in a monolayer graphene. <i>Optics Letters</i> , 2014, 39, 6269.	3.3	116
36	Magnetically coupled electromagnetically induced transparency analogy of dielectric metamaterial. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	53

#	ARTICLE	IF	CITATIONS
37	Fano resonance of an asymmetric dielectric wire pair. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	63
38	Polarization and incidence insensitive dielectric electromagnetically induced transparency metamaterial. <i>Optics Express</i> , 2013, 21, 19675.	3.4	92
39	Metamaterials. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-2.	1.2	1
40	Magnetic and electric coupling effects of dielectric metamaterial. <i>New Journal of Physics</i> , 2012, 14, 033031.	2.9	46
41	Electrically controllable fishnet metamaterial based on nematic liquid crystal. <i>Optics Express</i> , 2011, 19, 1563.	3.4	71
42	Voltage tunable short wire-pair type of metamaterial infiltrated by nematic liquid crystal. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	62
43	Mie resonance-based dielectric metamaterials. <i>Materials Today</i> , 2009, 12, 60-69.	14.2	750
44	Magnetic control of negative permeability metamaterials based on liquid crystals. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	67
45	Nonlinearly tunable extraordinary optical transmission in a hybrid metamaterial. <i>Journal Physics D: Applied Physics</i> , 0, , .	2.8	2