

# Fuli Zhang

## List of Publications by Year in descending order

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45  
papers

2,835  
citations

236925

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254184

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all docs

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docs citations

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times ranked

2787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mie resonance-based dielectric metamaterials. <i>Materials Today</i> , 2009, 12, 60-69.	14.2	750
2	Electrically Tunable Goos-Hänchen Effect with Graphene in the Terahertz Regime. <i>Advanced Optical Materials</i> , 2016, 4, 1824-1828.	7.3	144
3	Graphene Plasmonics: A Platform for 2D Optics. <i>Advanced Optical Materials</i> , 2019, 7, 1800537.	7.3	139
4	Photoexcited Graphene Metasurfaces: Significantly Enhanced and Tunable Magnetic Resonances. <i>ACS Photonics</i> , 2018, 5, 1612-1618.	6.6	123
5	Tunable terahertz coherent perfect absorption in a monolayer graphene. <i>Optics Letters</i> , 2014, 39, 6269.	3.3	116
6	Tunable mid-infrared coherent perfect absorption in a graphene meta-surface. <i>Scientific Reports</i> , 2015, 5, 13956.	3.3	115
7	An electromagnetic modulator based on electrically controllable metamaterial analogue to electromagnetically induced transparency. <i>Scientific Reports</i> , 2017, 7, 40441.	3.3	104
8	Mechanically stretchable and tunable metamaterial absorber. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	101
9	A Review of Tunable Acoustic Metamaterials. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1480.	2.5	94
10	Polarization and incidence insensitive dielectric electromagnetically induced transparency metamaterial. <i>Optics Express</i> , 2013, 21, 19675.	3.4	92
11	Electrically controllable fishnet metamaterial based on nematic liquid crystal. <i>Optics Express</i> , 2011, 19, 1563.	3.4	71
12	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
13	Magnetic control of negative permeability metamaterials based on liquid crystals. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	67
14	Achieving a high- $Q$ response in metamaterials by manipulating the toroidal excitations. <i>Physical Review A</i> , 2018, 97, .	2.5	67
15	Fano resonance of an asymmetric dielectric wire pair. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	63
16	Voltage tunable short wire-pair type of metamaterial infiltrated by nematic liquid crystal. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	62
17	Realization of a near-infrared active Fano-resonant asymmetric metasurface by precisely controlling the phase transition of $\text{Ge}_2\text{Sb}_2\text{Te}_5$ . <i>Nanoscale</i> , 2020, 12, 8758-8767.	5.6	57
18	Magnetically coupled electromagnetically induced transparency analogy of dielectric metamaterial. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	53

#	ARTICLE	IF	CITATIONS
19	Magnetic and electric coupling effects of dielectric metamaterial. <i>New Journal of Physics</i> , 2012, 14, 033031.	2.9	46
20	Realization of switchable EIT metamaterial by exploiting fluidity of liquid metal. <i>Optics Express</i> , 2019, 27, 2837.	3.4	41
21	Phase-Modulated Scattering Manipulation for Exterior Cloaking in Metal-Dielectric Hybrid Metamaterials. <i>Advanced Materials</i> , 2019, 31, e1903206.	21.0	38
22	Broadband Terahertz Absorption in Graphene-Embedded Photonic Crystals. <i>Plasmonics</i> , 2018, 13, 1153-1158.	3.4	36
23	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
24	Tailorable Zero-Phase Delay of Subwavelength Particles toward Miniaturized Wave Manipulation Devices. <i>Advanced Materials</i> , 2015, 27, 6187-6194.	21.0	31
25	Broadband and wide angle microwave absorption with optically transparent metamaterial. <i>Optical Materials</i> , 2021, 113, 110852.	3.6	29
26	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
27	Subwavelength optical localization with toroidal excitations in plasmonic and Mie metamaterials. <i>Informa-Materially</i> , 2021, 3, 577-597.	17.3	27
28	Polarization-Multiplexed Silicon Metasurfaces for Multi-Channel Visible Light Modulation. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	26
29	Engineering Coiling-Up Space Metasurfaces for Broadband Low-Frequency Acoustic Absorption. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1900426.	2.4	25
30	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
31	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
32	Temperature-Controlled Chameleonlike Cloak. <i>Physical Review X</i> , 2017, 7, .	8.9	21
33	Electrically tunable Fano-type resonance of an asymmetric metal wire pair. <i>Optics Express</i> , 2016, 24, 11708.	3.4	19
34	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
35	A Review of Tunable Electromagnetic Metamaterials With Anisotropic Liquid Crystals. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	16
36	Thermally controllable Mie resonances in a water-based metamaterial. <i>Scientific Reports</i> , 2019, 9, 5417.	3.3	13

#	ARTICLE	IF	CITATIONS
37	Time-Modulated Transmissive Programmable Metasurface for Low Sidelobe Beam Scanning. Research, 2022, 2022, .	5.7	13
38	Multifield-Inspired Tunable Carrier Effects Based on Ferroelectric-Silicon PN Heterojunction. Advanced Electronic Materials, 2020, 6, 1900795.	5.1	12
39	EIA metamaterials based on hybrid metal/dielectric structures with dark-mode-enhanced absorption. Optics Express, 2020, 28, 17481.	3.4	10
40	Thermally reconfigurable Fano resonance in water brick pair metamaterial. Results in Physics, 2021, 28, 104650.	4.1	7
41	Actively Controlled Frequency-Agile Fano-Resonant Metasurface for Broadband and Unity Modulation. Frontiers in Physics, 2021, 9, .	2.1	2
42	Nonlinearly tunable extraordinary optical transmission in a hybrid metamaterial. Journal Physics D: Applied Physics, 0, , .	2.8	2
43	Metamaterials. International Journal of Antennas and Propagation, 2013, 2013, 1-2.	1.2	1
44	Metamaterials: Tailorable Zero-Phase Delay of Subwavelength Particles toward Miniaturized Wave Manipulation Devices (Adv. Mater. 40/2015). Advanced Materials, 2015, 27, 6304-6304.	21.0	0
45	Electrically controlled switch based on Fano resonance micro-structure. , 2016, , .		0