

Jianxiong Li

List of Publications by Year in descending order

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1063
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#	ARTICLE	IF	CITATIONS
1	Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces. <i>Advanced Functional Materials</i> , 2015, 25, 704-710.	14.9	178
2	Dynamically tunable broadband mid-infrared cross polarization converter based on graphene metamaterial. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	152
3	Dynamically Tunable Broadband Infrared Anomalous Refraction Based on Graphene Metasurfaces. <i>Advanced Optical Materials</i> , 2015, 3, 1744-1749.	7.3	108
4	Optical Polarization Encoding Using Graphene-Loaded Plasmonic Metasurfaces. <i>Advanced Optical Materials</i> , 2016, 4, 91-98.	7.3	100
5	High-Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinorod Metasurfaces. <i>Advanced Functional Materials</i> , 2015, 25, 5428-5434.	14.9	69
6	Bidirectional Perfect Absorber Using Free Substrate Plasmonic Metasurfaces. <i>Advanced Optical Materials</i> , 2017, 5, 1700152.	7.3	52
7	Numerical simulation of temporarily plugging staged fracturing (TPSF) based on cohesive zone method. <i>Computers and Geotechnics</i> , 2020, 121, 103453.	4.7	33
8	High Performance Broadband Asymmetric Polarization Conversion Due to Polarization-dependent Reflection. <i>Plasmonics</i> , 2015, 10, 1703-1711.	3.4	31
9	An extended maximum tangential strain energy density criterion considering T-stress for combined mode III brittle fracture. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 169-181.	3.4	30
10	Numerical Investigation of Hydraulic Fracture Propagation Based on Cohesive Zone Model in Naturally Fractured Formations. <i>Processes</i> , 2019, 7, 28.	2.8	26
11	Experimental Study on Mixed Mode Fracture Behavior of Sandstone under Water-Rock Interactions. <i>Processes</i> , 2019, 7, 70.	2.8	19
12	Large enhancement and uniform distribution of optical near field through combining periodic bowtie nanoantenna with rectangular nanoaperture array. <i>Optics Letters</i> , 2011, 36, 4014.	3.3	16
13	Numerical Simulation on Deflecting Hydraulic Fracture with Refracturing Using Extended Finite Element Method. <i>Energies</i> , 2019, 12, 2044.	3.1	16
14	Numerical Investigation on Mixed Mode (I-II) Fracture Propagation of CCBBD Specimens Under Confining Pressure. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050111.	2.2	15
15	Comparison of Different Hydraulic Fracturing Scenarios in Horizontal Wells Using XFEM Based on the Cohesive Zone Method. <i>Energies</i> , 2019, 12, 1232.	3.1	11
16	Dynamically Tunable Plasmonic Lens between the Near and Far Fields Based on Composite Nanorings Illuminated with Radially Polarized Light. <i>Plasmonics</i> , 2015, 10, 625-631.	3.4	8
17	Rules of fracture propagation of hydraulic fracturing in radial well based on XFEM. <i>Journal of Petroleum Exploration and Production</i> , 2018, 8, 1547-1557.	2.4	8
18	Theoretical Error Analysis of the T-Stress for a Central Cracked Brazilian Disk Specimen. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050058.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Realization of near-field linear nano-polarizer by asymmetric nanoaperture and bowtie nanoantenna. <i>Optics Express</i> , 2013, 21, 10342.	3.4	6
20	Indirectly Manipulating Nanoscale Localized Fields of Bowtie Nanoantennas with Asymmetric Nanoapertures. <i>Plasmonics</i> , 2013, 8, 495-499.	3.4	5
21	Refraction: Dynamically Tunable Broadband Infrared Anomalous Refraction Based on Graphene Metasurfaces (<i>Advanced Optical Materials</i> 12/2015). <i>Advanced Optical Materials</i> , 2015, 3, 1743-1743.	7.3	4
22	Numerical Investigation on Crack Propagation for a Central Cracked Brazilian Disk Concerning Friction. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2839.	2.5	3
23	Metasurfaces: Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces (<i>Adv. Funct. Mater.</i> 5/2015). <i>Advanced Functional Materials</i> , 2015, 25, 824-824.	14.9	1
24	Beam Deflectors: High-Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinorod Metasurfaces (<i>Adv. Funct. Mater.</i> 34/2015). <i>Advanced Functional Materials</i> , 2015, 25, 5567-5567.	14.9	0
25	Polarization: Optical Polarization Encoding Using Graphene-Loaded Plasmonic Metasurfaces (<i>Advanced Optical Materials</i> 1/2016). <i>Advanced Optical Materials</i> , 2016, 4, 2-2.	7.3	0