

Chang-Zhi Gu

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136
papers

3,177
citations

32
h-index

52
g-index

147
ext. papers

3,782
ext. citations

7.4
avg, IF

5.18
L-index

#	Paper	IF	Citations
136	Universal mechanical exfoliation of large-area 2D crystals. <i>Nature Communications</i> , 2020 , 11, 2453	17.4	169
135	Critical fields and anisotropy of NdFeAsO _{0.82} F _{0.18} single crystals. <i>Applied Physics Letters</i> , 2008 , 93, 032503	3.4	157
134	Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces. <i>Advanced Functional Materials</i> , 2015 , 25, 704-710	15.6	150
133	Individual Water-Filled Single-Walled Carbon Nanotubes as Hydroelectric Power Converters. <i>Advanced Materials</i> , 2008 , 20, 1772-1776	24	148
132	Polarization insensitive and omnidirectional broadband near perfect planar metamaterial absorber in the near infrared regime. <i>Applied Physics Letters</i> , 2011 , 99, 253104	3.4	116
131	Direct Observations of Nanofilament Evolution in Switching Processes in HfO ₂ -Based Resistive Random Access Memory by In Situ TEM Studies. <i>Advanced Materials</i> , 2017 , 29, 1602976	24	107
130	Tunable mid-infrared coherent perfect absorption in a graphene meta-surface. <i>Scientific Reports</i> , 2015 , 5, 13956	4.9	104
129	High-Quality-Factor Mid-Infrared Toroidal Excitation in Folded 3D Metamaterials. <i>Advanced Materials</i> , 2017 , 29, 1606298	24	89
128	Directly patterned substrate-free plasmonic nanograting structures with unusual Fano resonances. <i>Light: Science and Applications</i> , 2015 , 4, e308-e308	16.7	84
127	Electronic transport in single polyaniline and polypyrrole microtubes. <i>Physical Review B</i> , 2005 , 71,	3.3	83
126	Demonstration of Orbital Angular Momentum Multiplexing and Demultiplexing Based on a Metasurface in the Terahertz Band. <i>ACS Photonics</i> , 2018 , 5, 1726-1732	6.3	61
125	Introduction of Interfacial Charges to Black Phosphorus for a Family of Planar Devices. <i>Nano Letters</i> , 2016 , 16, 6870-6878	11.5	60
124	Controllable optical activity with non-chiral plasmonic metasurfaces. <i>Light: Science and Applications</i> , 2016 , 5, e16096	16.7	59
123	Polarization-insensitive and wide-angle plasmonically induced transparency by planar metamaterials. <i>Applied Physics Letters</i> , 2012 , 101, 143105	3.4	58
122	Three Dimensional Hybrids of Vertical Graphene-nanosheet Sandwiched by Ag-nanoparticles for Enhanced Surface Selectively Catalytic Reactions. <i>Scientific Reports</i> , 2015 , 5, 16019	4.9	57
121	High-Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinanoscale Metasurfaces. <i>Advanced Functional Materials</i> , 2015 , 25, 5428-5434	15.6	53
120	Sub-5 nm Metal Nanogaps: Physical Properties, Fabrication Methods, and Device Applications. <i>Small</i> , 2019 , 15, e1804177	11	53

119	Phenanthrene Condensed Thiadiazoloquinoxaline Donor-Acceptor Polymer for Phototransistor Applications. <i>Chemistry of Materials</i> , 2015 , 27, 2218-2223	9.6	52
118	Electrical conductivity of single CdS nanowire synthesized by aqueous chemical growth. <i>Applied Physics Letters</i> , 2005 , 86, 153102	3.4	51
117	Spin-Selective Transmission in Chiral Folded Metasurfaces. <i>Nano Letters</i> , 2019 , 19, 3432-3439	11.5	50
116	Single grain boundary break junction for suspended nanogap electrodes with gapwidth down to 1-2 nm by focused ion beam milling. <i>Advanced Materials</i> , 2015 , 27, 3002-6	24	46
115	Tuning electrical properties of conjugated polymer nanowires with the diameter. <i>Applied Physics Letters</i> , 2007 , 90, 102114	3.4	46
114	Manipulating DNA molecules in nanofluidic channels. <i>Microfluidics and Nanofluidics</i> , 2006 , 2, 85-88	2.8	46
113	Temperature-dependent Raman investigation on suspended graphene: Contribution from thermal expansion coefficient mismatch between graphene and substrate. <i>Carbon</i> , 2016 , 104, 27-32	10.4	46
112	Fano resonance Rabi splitting of surface plasmons. <i>Scientific Reports</i> , 2017 , 7, 8010	4.9	43
111	Self-referenced sensing based on terahertz metamaterial for aqueous solutions. <i>Applied Physics Letters</i> , 2013 , 102, 151109	3.4	42
110	Modulated terahertz responses of split ring resonators by nanometer thick liquid layers. <i>Applied Physics Letters</i> , 2008 , 92, 221101	3.4	41
109	Thickness-Dependently Enhanced Photodetection Performance of Vertically Grown SnS Nanoflakes with Large Size and High Production. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18073-18081	9.5	39
108	Annealing Effects of Ti/Au Contact on n-MgZnO/p-Si Ultraviolet-B Photodetectors. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 3474-3477	2.9	36
107	3D conductive coupling for efficient generation of prominent Fano resonances in metamaterials. <i>Scientific Reports</i> , 2016 , 6, 27817	4.9	35
106	Anomalous magnetoresistance oscillations and enhanced superconductivity in single-crystal Pb nanobelts. <i>Applied Physics Letters</i> , 2008 , 92, 233119	3.4	35
105	Realization of a near-infrared active Fano-resonant asymmetric metasurface by precisely controlling the phase transition of GeSbTe. <i>Nanoscale</i> , 2020 , 12, 8758-8767	7.7	33
104	Two-Photon Rabi Splitting in a Coupled System of a Nanocavity and Exciton Complexes. <i>Physical Review Letters</i> , 2018 , 120, 213901	7.4	32
103	Excitation of ultrasharp trapped-mode resonances in mirror-symmetric metamaterials. <i>Physical Review B</i> , 2016 , 93,	3.3	30
102	Surface Plasmon Polariton Mediated Multiple Toroidal Resonances in 3D Folding Metamaterials. <i>ACS Photonics</i> , 2017 , 4, 2650-2658	6.3	28

101	Dynamic observation of oxygen vacancies in hafnia layer by in situ transmission electron microscopy. <i>Nano Research</i> , 2015 , 8, 3571-3579	10	27
100	Folding 2D Structures into 3D Configurations at the Micro/Nanoscale: Principles, Techniques, and Applications. <i>Advanced Materials</i> , 2019 , 31, e1802211	24	27
99	Quasi-2D Transport and Weak Antilocalization Effect in Few-layered VSe. <i>Nano Letters</i> , 2019 , 19, 4551-4559	26	
98	Simultaneous excitation of extremely high-Q-factor trapped and octupolar modes in terahertz metamaterials. <i>Optics Express</i> , 2017 , 25, 15938-15946	3.3	25
97	A Well-Defined Silicon Nanocone-Carbon Structure for Demonstrating Exclusive Influences of Carbon Coating on Silicon Anode of Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2806-2814	9.5	24
96	In situ TEM observation of resistance switching in titanate based device. <i>Scientific Reports</i> , 2014 , 4, 3890	4.9	24
95	Epitaxy of Ultrathin SnSe Single Crystals on Polydimethylsiloxane: In-Plane Electrical Anisotropy and Gate-Tunable Thermopower. <i>Advanced Electronic Materials</i> , 2016 , 2, 1600292	6.4	23
94	Fabrication technique of micro/nano-scale speckle patterns with focused ion beam. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012 , 55, 1037-1044	3.6	22
93	Direct laser writing of symmetry-broken spiral tapers for polarization-insensitive three-dimensional plasmonic focusing. <i>Laser and Photonics Reviews</i> , 2014 , 8, 602-609	8.3	21
92	Enhanced Strong Interaction between Nanocavities and p-shell Excitons Beyond the Dipole Approximation. <i>Physical Review Letters</i> , 2019 , 122, 087401	7.4	21
91	Large magnetoelectric coupling in nanoscale BiFeO ₃ from direct electrical measurements. <i>Physical Review B</i> , 2014 , 90,	3.3	19
90	Ion-beam-induced bending of freestanding amorphous nanowires: The importance of the substrate material and charging. <i>Applied Physics Letters</i> , 2013 , 102, 213112	3.4	19
89	Electromechanically reconfigurable optical nano-kirigami. <i>Nature Communications</i> , 2021 , 12, 1299	17.4	19
88	Anisotropic expansion and size-dependent fracture of silicon nanotubes during lithiation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 15113-15122	13	18
87	Mass Production of Nanogap Electrodes toward Robust Resistive Random Access Memory. <i>Advanced Materials</i> , 2016 , 28, 8227-8233	24	18
86	Electrical properties of a single electrochemically template-synthesized polypyrrole nanowire. <i>Applied Physics Letters</i> , 2006 , 88, 253106	3.4	17
85	Intrinsic Chirality and Multispectral Spin-Selective Transmission in Folded Eta-Shaped Metamaterials. <i>Advanced Optical Materials</i> , 2020 , 8, 1901448	8.1	17
84	Broadband cross-polarization conversion by symmetry-breaking ultrathin metasurfaces. <i>Applied Physics Letters</i> , 2017 , 111, 241108	3.4	16

83	Broadband and Polarization-Insensitive Absorption Based on a Set of Multisized Fabry-Pérot-like Resonators. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 13856-13862	3.8	15
82	Magneto-resistance oscillations of ultrathin Pb bridges. <i>Nano Research</i> , 2009 , 2, 671-677	10	15
81	Diffusion dynamics of valley excitons by transient grating spectroscopy in monolayer WSe ₂ . <i>Applied Physics Letters</i> , 2019 , 115, 131902	3.4	14
80	Experimental observation of radial breathing-like mode of graphene nanoribbons. <i>Applied Physics Letters</i> , 2012 , 100, 101904	3.4	13
79	A 12-Pole K-Band Wideband High-Temperature Superconducting Microstrip Filter. <i>IEEE Transactions on Applied Superconductivity</i> , 2012 , 22, 1500106-1500106	1.8	13
78	Multidimensional Image and Beam Splitter Based on Hyperbolic Metamaterials. <i>Nano Letters</i> , 2021 , 21, 1792-1799	11.5	13
77	Tunable near-infrared perfect absorber based on the hybridization of phase-change material and nanocross-shaped resonators. <i>Applied Physics Letters</i> , 2018 , 113, 231103	3.4	13
76	Experimental identification of p-type conduction in fluoridized boron nitride nanotube. <i>Applied Physics Letters</i> , 2013 , 102, 153107	3.4	12
75	Electron emission from nanocrystalline diamond films. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001 , 19, 962		12
74	Multispectral plasmon-induced transparency in hyperfine terahertz meta-molecules. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 445002	1.8	11
73	Enhanced light extraction in n-GaN-based light-emitting diodes with three-dimensional semi-spherical structure. <i>Applied Physics Letters</i> , 2014 , 104, 061113	3.4	11
72	Field electron emission based on resonant tunneling in diamond/CoSi ₂ /Si quantum well nanostructures. <i>Scientific Reports</i> , 2012 , 2, 746	4.9	11
71	A three-terminal ultraviolet photodetector constructed on a barrier-modulated triple-layer architecture. <i>Scientific Reports</i> , 2016 , 6, 26169	4.9	11
70	Direct bandgap engineering with local biaxial strain in few-layer MoS ₂ bubbles. <i>Nano Research</i> , 2020 , 13, 2072-2078	10	10
69	Diabolical points in coupled active cavities with quantum emitters. <i>Light: Science and Applications</i> , 2020 , 9, 6	16.7	10
68	Fabrication of patterned boron carbide nanowires and their electrical, field emission, and flexibility properties. <i>Nano Research</i> , 2012 , 5, 896-902	10	10
67	Additional curvature-induced Raman splitting in carbon nanotube ring structures. <i>Physical Review B</i> , 2009 , 80,	3.3	10
66	A 23 GHz high-temperature superconducting microstrip filter for radio astronomy. <i>Science Bulletin</i> , 2009 , 54, 3485-3488	10.6	10

65	Titanium dioxide metasurface manipulating high-efficiency and broadband photonic spin Hall effect in visible regime. <i>Nanophotonics</i> , 2020 , 9, 4327-4335	6.3	10
64	Circular-Photon-Drag-Effect-Induced Elliptically Polarized Terahertz Emission from Vertically Grown Graphene. <i>Physical Review Applied</i> , 2019 , 12,	4.3	9
63	Rapid templated fabrication of large-scale, high-density metallic nanocone arrays and SERS applications. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9987-9992	7.1	9
62	Three-dimensional nanostructures by focused ion beam techniques: Fabrication and characterization. <i>Journal of Materials Research</i> , 2013 , 28, 3063-3078	2.5	9
61	Asymmetrical Chirality in 3D Bended Metasurface. <i>Advanced Functional Materials</i> , 2021 , 31, 2100689	15.6	9
60	Flexible Polyaniline/Poly(methyl methacrylate) Composite Fibers via Electrospinning and In Situ Polymerization for Ammonia Gas Sensing and Strain Sensing. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-8	3.2	9
59	Highly Sensitive, Low Voltage Operation, and Low Power Consumption Resistive Strain Sensors Based on Vertically Oriented Graphene Nanosheets. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800572	6.8	9
58	Tuning magnetism and crystal orientations by octahedral coupling in LaCoO ₃ /LaMnO ₃ thin films. <i>Physical Review B</i> , 2019 , 100,	3.3	8
57	Space qualification mechanical tests of HTS filters for satellite application. <i>Science Bulletin</i> , 2007 , 52, 1771-1775		8
56	Rapid Bending Origami in Micro/Nanoscale toward a Versatile 3D Metasurface. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900179	8.3	8
55	Spatially oriented plasmonic 'nanograter' structures. <i>Scientific Reports</i> , 2016 , 6, 28764	4.9	8
54	Light emitting enhancement and angle-resolved property of surface textured GaN-based vertical LED. <i>Journal of Optics (India)</i> , 2016 , 45, 81-86	1.3	8
53	Wafer Scale Mapping and Statistical Analysis of Radio Frequency Characteristics in Highly Uniform CVD Graphene Transistors. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800711	6.4	8
52	Morphology inducing selective plasma etching for AlN nanocone arrays: tip-size dependent photoluminescence and enhanced field emission properties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2417-2422	7.1	7
51	An impedance matched phase shifter using BaSrTiO ₃ /sub 3/ thin film. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 345-347	2.6	7
50	Direct Experimental Evidence of Biomimetic Surfaces with Chemical Modifications Interfering with Adhesive Protein Adsorption. <i>Molecules</i> , 2018 , 24,	4.8	7
49	Rapidly fabricating large-scale plasmonic silver nanosphere arrays with sub-20 nm gap on Si-pyramids by inverted annealing for highly sensitive SERS detection. <i>RSC Advances</i> , 2017 , 7, 11578-11584	3.7	6
48	Independent tuning of bright and dark meta-atoms with phase change materials on EIT metasurfaces. <i>Nanoscale</i> , 2020 , 12, 10065-10071	7.7	6

47	Semiconductor-superconductor transition and magnetoresistance terraces in an ultrathin superconducting Pb nanobridge. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, 678-681	1.3	6
46	Dissipation in an ultrathin superconducting single-crystal Pb nanobridge. <i>Journal of Applied Physics</i> , 2009 , 106, 034301	2.5	6
45	An L-band HTS duplexer with improved performance. <i>Science Bulletin</i> , 2010 , 55, 3527-3532		5
44	Field emission study of CNTs on metal tips. <i>Science Bulletin</i> , 2008 , 53, 17-21		5
43	Two Kinds of Metastable Structures in an Epitaxial Lanthanum Cobalt Oxide Thin Film. <i>Inorganic Chemistry</i> , 2019 , 58, 13440-13445	5.1	4
42	Nanogap Electrodes: Single Grain Boundary Break Junction for Suspended Nanogap Electrodes with Gapwidth Down to 1 nm by Focused Ion Beam Milling (Adv. Mater. 19/2015). <i>Advanced Materials</i> , 2015 , 27, 3095-3095	24	4
41	Nanofabrication Challenges for NEMS 2006 ,		4
40	Out-of-plane magnetic anisotropy enhancement in $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3/\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3/\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ thin films. <i>Physical Review B</i> , 2020 , 101,	3.3	3
39	A VHF band HTS filter based on modified single-spiral resonators for radio astronomy application. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013 , 56, 910-915	3.6	3
38	Thermal induced single grain boundary break junction for suspended nanogap electrodes. <i>Science China Materials</i> , 2015 , 58, 769-774	7.1	3
37	High Temperature Superconducting Microwave Filters for Applications in Mobile Communication, Satellite Receiver and Wind-Profile Radar 2007 ,		3
36	Effect of the addition of argon to reactive nitrogen gas on field emission properties of amorphous carbon nitride films. <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 2570		3
35	Trion-to-exciton upconversion dynamics in monolayer WSe ₂ . <i>Applied Physics Letters</i> , 2020 , 117, 083107	3.4	3
34	Plasmonic Hybrids of MoS ₂ and 10-nm Nanogap Arrays for Photoluminescence Enhancement. <i>Micromachines</i> , 2020 , 11,	3.3	3
33	Precise tailoring of multiple nanostructures based on atomic layer assembly via versatile soft-templates. <i>Nano Today</i> , 2021 , 38, 101145	17.9	3
32	Probing trans-polyacetylene segments in a diamond film by tip-enhanced Raman spectroscopy. <i>Diamond and Related Materials</i> , 2021 , 116, 108415	3.5	3
31	High-quality graphene grown on polycrystalline PtRh ₂₀ alloy foils by low pressure chemical vapor deposition and its electrical transport properties. <i>Applied Physics Letters</i> , 2016 , 108, 063102	3.4	3
30	Platinum composite nanowires for ultrasensitive mass detection. <i>Applied Physics Letters</i> , 2017 , 110, 143102	3.2	2

29	Sub-5 nm Metal Nanogaps: Sub-5 nm Metal Nanogaps: Physical Properties, Fabrication Methods, and Device Applications (Small 5/2019). <i>Small</i> , 2019 , 15, 1970030	11	2
28	Thickness dependence of superconductivity in single-crystal Ta4Pd3Te16 nanoribbons. <i>Applied Physics Letters</i> , 2018 , 113, 022603	3.4	2
27	A kind of double-sided porous anodic alumina membrane fabricated with the three-step anodic oxidation method. <i>Science China Technological Sciences</i> , 2014 , 57, 293-297	3.5	2
26	Plasmonic Coupling: Wafer-Scale Double-Layer Stacked Au/Al2O3@Au Nanosphere Structure with Tunable Nanospacing for Surface-Enhanced Raman Scattering (Small 19/2014). <i>Small</i> , 2014 , 10, 3932-3937	11	2
25	Direct laser writing of symmetry-broken nanocorrals and their applications in SERS spectroscopy. <i>Applied Physics B: Lasers and Optics</i> , 2014 , 117, 121-125	1.9	2
24	Low-Temperature, Directly Depositing Individual Single-Walled Carbon Nanotubes for Fabrication of Suspended Nanotube Devices. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 16256-16262	3.8	2
23	Micro-Defects in Monolayer MoS2 Studied by Low-Temperature Magneto-Raman Mapping. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17418-17422	3.8	2
22	Interior Melting of Rapidly Heated Gold Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 8170-8177	6.4	2
21	Metasurfaces: Simultaneous Control of Light Polarization and Phase Distributions Using Plasmonic Metasurfaces (Adv. Funct. Mater. 5/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 824-824	15.6	1
20	Local rotational symmetry effects on Fano resonances with constant non-resonant transmission channel. <i>Applied Physics Letters</i> , 2012 , 101, 031114	3.4	1
19	High-efficiency reflection phase tunable metasurface at near-infrared frequencies*. <i>Chinese Physics B</i> , 2021 , 30, 057802	1.2	1
18	Abnormal Rheological Phenomena in Newtonian Fluids in Electroosmotic Flows in a Nanocapillary. <i>Langmuir</i> , 2018 , 34, 15203-15210	4	1
17	Quasi-BIC Enhanced Broadband Terahertz Generation in All-Dielectric Metasurface. <i>Advanced Optical Materials</i> , 2020 , 19, 2200193	8.1	1
16	Circular Dichroism: Intrinsic Chirality and Multispectral Spin-Selective Transmission in Folded Eta-Shaped Metamaterials (Advanced Optical Materials 4/2020). <i>Advanced Optical Materials</i> , 2020 , 8, 2070014	8.1	0
15	Cross-nanofin-based waveplate pixels for broadband hybrid polarization coding in near-field. <i>Nanophotonics</i> , 2021 , 10, 1505-1515	6.3	0
14	Plasmonic Effect on the Magneto-Optical Property of Monolayer WS2 Studied by Polarized-Raman Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1599	2.6	0
13	Diversified plasmonic metallic nanostructures with high aspect ratio based on templated electrochemical deposition. <i>Journal of Micromechanics and Microengineering</i> , 2022 , 32, 054002	2	0
12	Bidirectional Origami Inspiring Versatile 3D Metasurface. <i>Advanced Materials Technologies</i> , 2020 , 1, 2200373	6.8	0

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| 11 | 3D Micro/Nano Structures: Folding 2D Structures into 3D Configurations at the Micro/Nanoscale: Principles, Techniques, and Applications (Adv. Mater. 4/2019). <i>Advanced Materials</i> , 2019 , 31, 1970025 | 24 |
| 10 | Real-space light-reflection mapping of atomically thin WSe ₂ flakes revealing the gradient local strain. <i>Materials Research Express</i> , 2020 , 7, 035904 | 1.7 |
| 9 | Growth and Physical Properties of Sr _x Ca _{1-x} CrO ₃ Single Crystals. <i>Crystals</i> , 2017 , 7, 91 | 2.3 |
| 8 | The origin of the modulated structure in Sr ₂ CuO ₃ +[(x=0.4): [CuO ₂] in-plane oxygen vacancy or apical oxygen vacancy?. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 6469-6474 | 3.8 |
| 7 | Beam Deflectors: High-Performance Broadband Circularly Polarized Beam Deflector by Mirror Effect of Multinorod Metasurfaces (Adv. Funct. Mater. 34/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 5567-5567 | 15.6 |
| 6 | The concept and realization of nanostructure fabrication using free-standing metallic wires with rapid thermal annealing. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015 , 58, 1-7 | 3.6 |
| 5 | Ferroelectric thin-film characterization using a coplanar waveguide bandstop filter. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 379-385 | 1.6 |
| 4 | High-yield helicity-resolved Raman scattering with in-plane propagation of light in monolayer MoS ₂ . <i>Applied Physics Letters</i> , 2021 , 119, 153101 | 3.4 |
| 3 | 3D Bended Metasurfaces: Asymmetrical Chirality in 3D Bended Metasurface (Adv. Funct. Mater. 31/2021). <i>Advanced Functional Materials</i> , 2021 , 31, 2170229 | 15.6 |
| 2 | Strain lithography for two-dimensional materials by electron irradiation. <i>Applied Physics Letters</i> , 2022 , 120, 093104 | 3.4 |
| 1 | Vertical 3D diamond field effect transistors with nanoscale gate-all-around. <i>Materials Science in Semiconductor Processing</i> , 2022 , 148, 106841 | 4.3 |