

# Minghui Hong

## List of Publications by Year in descending order

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147  
papers

11,033  
citations

36203

51  
h-index

30848

102  
g-index

149  
all docs

149  
docs citations

149  
times ranked

11784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal full-colour tuning through non-steady-state upconversion. <i>Nature Nanotechnology</i> , 2015, 10, 237-242.	15.6	834
2	Sub-diffractive volume-confined polaritons in the natural hyperbolic material hexagonal boron nitride. <i>Nature Communications</i> , 2014, 5, 5221.	5.8	686
3	Optical virtual imaging at 50 nm lateral resolution with a white-light nanoscope. <i>Nature Communications</i> , 2011, 2, 218.	5.8	641
4	Catenary optics for achromatic generation of perfect optical angular momentum. <i>Science Advances</i> , 2015, 1, e1500396.	4.7	539
5	Multicolor 3D meta-holography by broadband plasmonic modulation. <i>Science Advances</i> , 2016, 2, e1601102.	4.7	481
6	Toward Flexible Surface-Enhanced Raman Scattering (SERS) Sensors for Point-of-Care Diagnostics. <i>Advanced Science</i> , 2019, 6, 1900925.	5.6	396
7	Hybrid bilayer plasmonic metasurface efficiently manipulates visible light. <i>Science Advances</i> , 2016, 2, e1501168.	4.7	278
8	Tunable and reconfigurable metasurfaces and metadevices. <i>Opto-Electronic Advances</i> , 2018, 1, 18000901-18000925.	6.4	272
9	Fano resonance in novel plasmonic nanostructures. <i>Laser and Photonics Reviews</i> , 2013, 7, 329-349.	4.4	261
10	Design and fabrication of broadband ultralow reflectivity black Si surfaces by laser micro/nanoprocessing. <i>Light: Science and Applications</i> , 2014, 3, e185-e185.	7.7	257
11	Switchable Ultrathin Quarter-wave Plate in Terahertz Using Active Phase-change Metasurface. <i>Scientific Reports</i> , 2015, 5, 15020.	1.6	238
12	Visible-to-NIR Photon Harvesting: Progressive Engineering of Catalysts for Solar-Powered Environmental Purification and Fuel Production. <i>Advanced Materials</i> , 2018, 30, e1802894.	11.1	237
13	Microsphere-Coupled Scanning Laser Confocal Nanoscope for Sub-Diffraction-Limited Imaging at 25 nm Lateral Resolution in the Visible Spectrum. <i>ACS Nano</i> , 2014, 8, 1809-1816.	7.3	179
14	Terahertz All-Dielectric Magnetic Mirror Metasurfaces. <i>ACS Photonics</i> , 2016, 3, 1010-1018.	3.2	177
15	Spoof Plasmon Surfaces: A Novel Platform for THz Sensing. <i>Advanced Optical Materials</i> , 2013, 1, 543-548.	3.6	165
16	Fabrication of wheat grain textured TiO <sub>2</sub> /CuO composite nanofibers for enhanced solar H <sub>2</sub> generation and degradation performance. <i>Nano Energy</i> , 2015, 11, 28-37.	8.2	157
17	Ultrahigh-capacity non-periodic photon sieves operating in visible light. <i>Nature Communications</i> , 2015, 6, 7059.	5.8	154
18	Shaping a Subwavelength Needle with Ultra-long Focal Length by Focusing Azimuthally Polarized Light. <i>Scientific Reports</i> , 2015, 5, 9977.	1.6	151

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19	Orbital Angular Momentum Multiplexing and Demultiplexing by a Single Metasurface. <i>Advanced Optical Materials</i> , 2017, 5, 1600502.	3.6	150
20	An ultrathin terahertz quarter-wave plate using planar babinet-inverted metasurface. <i>Optics Express</i> , 2015, 23, 11114.	1.7	145
21	Subgroup Decomposition of Plasmonic Resonances in Hybrid Oligomers: Modeling the Resonance Lineshape. <i>Nano Letters</i> , 2012, 12, 2101-2106.	4.5	144
22	A Supercritical Lens Optical Label-Free Microscopy: Sub-Diffraction Resolution and Ultra-Long Working Distance. <i>Advanced Materials</i> , 2017, 29, 1602721.	11.1	141
23	Spectral Tuning of Localized Surface Phonon Polariton Resonators for Low-Loss Mid-IR Applications. <i>ACS Photonics</i> , 2014, 1, 718-724.	3.2	134
24	Ultrasensitive Broadband Probing of Molecular Vibrational Modes with Multifrequency Optical Antennas. <i>ACS Nano</i> , 2013, 7, 669-675.	7.3	125
25	Engineering the Phase Front of Light with Phase-Change Material Based Planar lenses. <i>Scientific Reports</i> , 2015, 5, 8660.	1.6	114
26	Recent advances in optical dynamic meta-holography. <i>Opto-Electronic Advances</i> , 2021, 4, 210030-210030.	6.4	113
27	Tunable near-infrared plasmonic perfect absorber based on phase-change materials. <i>Photonics Research</i> , 2015, 3, 54.	3.4	111
28	Microsphere enhanced optical imaging and patterning: From physics to applications. <i>Applied Physics Reviews</i> , 2019, 6, .	5.5	106
29	Planar Diffractive Lenses: Fundamentals, Functionalities, and Applications. <i>Advanced Materials</i> , 2018, 30, e1704556.	11.1	105
30	Graphene-Based Multilayered Metamaterials with Phototunable Architecture for on-Chip Photonic Devices. <i>ACS Photonics</i> , 2019, 6, 1033-1040.	3.2	98
31	Ag-CuO-ZnO metal-semiconductor multiconcentric nanotubes for achieving superior and perdurable photodegradation. <i>Nanoscale</i> , 2017, 9, 11574-11583.	2.8	96
32	Hierarchical Assembly of SnO <sub>2</sub> /ZnO Nanostructures for Enhanced Photocatalytic Performance. <i>Scientific Reports</i> , 2015, 5, 11609.	1.6	94
33	Wettability transition of laser textured brass surfaces inside different mediums. <i>Applied Surface Science</i> , 2018, 427, 369-375.	3.1	93
34	Uniaxially Stretched Flexible Surface Plasmon Resonance Film for Versatile Surface Enhanced Raman Scattering Diagnostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26341-26349.	4.0	91
35	Extraordinary optical fields in nanostructures: from sub-diffraction-limited optics to sensing and energy conversion. <i>Chemical Society Reviews</i> , 2019, 48, 2458-2494.	18.7	91
36	Femtosecond Laser Precision Engineering: From Micron, Submicron, to Nanoscale. <i>Ultrafast Science</i> , 2021, 2021, .	5.8	90

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37	Preparation and characterization of pore-suspending biomimetic membranes embedded with Aquaporin Z on carboxylated polyethylene glycol polymer cushion. <i>Soft Matter</i> , 2011, 7, 7274.	1.2	89
38	Hedgehog Inspired CuO Nanowires/Cu <sub>2</sub> O Composites for Broadband Visible-Light-Driven Recyclable Surface Enhanced Raman Scattering. <i>Advanced Optical Materials</i> , 2018, 6, 1701167.	3.6	82
39	Hybrid laser precision engineering of transparent hard materials: challenges, solutions and applications. <i>Light: Science and Applications</i> , 2021, 10, 162.	7.7	82
40	Dynamic 3D meta-holography in visible range with large frame number and high frame rate. <i>Science Advances</i> , 2020, 6, eaba8595.	4.7	78
41	Hybrid micro/nano-structure formation by angular laser texturing of Si surface for surface enhanced Raman scattering. <i>Optics Express</i> , 2016, 24, 10352.	1.7	77
42	On-chip discrimination of orbital angular momentum of light with plasmonic nanoslits. <i>Nanoscale</i> , 2016, 8, 2227-2233.	2.8	76
43	Subwavelength interference of light on structured surfaces. <i>Advances in Optics and Photonics</i> , 2018, 10, 757.	12.1	76
44	Nanophotonic-Engineered Photothermal Harnessing for Waste Heat Management and Pyroelectric Generation. <i>ACS Nano</i> , 2017, 11, 10568-10574.	7.3	75
45	Plasmonic Nanoantennas for Multispectral Surface-Enhanced Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18620-18626.	1.5	71
46	Functional Defective Metal-Organic Coordinated Network of Mesostructured Nanoframes for Enhanced Electrocatalysis. <i>Advanced Functional Materials</i> , 2018, 28, 1704177.	7.8	68
47	Surface coloring by laser irradiation of solid substrates. <i>APL Photonics</i> , 2019, 4, 051101.	3.0	66
48	Parallel Laser Micro/Nano-Processing for Functional Device Fabrication. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900062.	4.4	64
49	In situ photo-assisted deposition and photocatalysis of ZnIn <sub>2</sub> S <sub>4</sub> /transition metal chalcogenides for enhanced degradation and hydrogen evolution under visible light. <i>Dalton Transactions</i> , 2016, 45, 552-560.	1.6	61
50	Realization of $\sim 1/4$ 10 nm Features on Semiconductor Surfaces via Femtosecond Laser Direct Patterning in Far Field and in Ambient Air. <i>Nano Letters</i> , 2020, 20, 4947-4952.	4.5	55
51	Resonant Enhancement of Second-Harmonic Generation in the Mid-Infrared Using Localized Surface Phonon Polaritons in Subdiffractional Nanostructures. <i>Nano Letters</i> , 2016, 16, 6954-6959.	4.5	53
52	Quasi-Talbot effect of orbital angular momentum beams for generation of optical vortex arrays by multiplexing metasurface design. <i>Nanoscale</i> , 2018, 10, 666-671.	2.8	53
53	Laser Hybrid Micro/nano-structuring of Si Surfaces in Air and its Applications for SERS Detection. <i>Scientific Reports</i> , 2014, 4, 6657.	1.6	51
54	A broadband acoustic metamaterial with impedance matching layer of gradient index. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	51

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55	Nanosecond laser ablation for enhanced adhesion of CuO nanowires on copper substrate and its application for oil-water separation. <i>Applied Surface Science</i> , 2019, 465, 995-1002.	3.1	50
56	High-aspect-ratio crack-free microstructures fabrication on sapphire by femtosecond laser ablation. <i>Optics and Laser Technology</i> , 2020, 132, 106472.	2.2	50
57	Plasmon-Induced Optical Anisotropy in Hybrid Graphene-Metal Nanoparticle Systems. <i>Nano Letters</i> , 2015, 15, 3458-3464.	4.5	48
58	Selective Wavelength Enhanced Photochemical and Photothermal H <sub>2</sub> Generation of Classical Oxide Supported Metal Catalyst. <i>Advanced Functional Materials</i> , 2021, 31, 2104750.	7.8	46
59	Self-Organized Periodic Microholes Array Formation on Aluminum Surface via Femtosecond Laser Ablation Induced Incubation Effect. <i>Advanced Functional Materials</i> , 2019, 29, 1903576.	7.8	45
60	Enhancement of laser ablation via interacting spatial double-pulse effect. <i>Opto-Electronic Advances</i> , 2018, 1, 18001401-18001406.	6.4	45
61	A highly efficient CMOS nanoplasmonic crystal enhanced slow-wave thermal emitter improves infrared gas-sensing devices. <i>Scientific Reports</i> , 2015, 5, 17451.	1.6	43
62	Study of micro/nanostructures formed by a nanosecond laser in gaseous environments for stainless steel surface coloring. <i>Applied Surface Science</i> , 2015, 328, 405-409.	3.1	43
63	Super-focusing of center-covered engineered microsphere. <i>Scientific Reports</i> , 2016, 6, 31637.	1.6	43
64	Directional sliding of water: biomimetic snake scale surfaces. <i>Opto-Electronic Advances</i> , 2021, 4, 210008-210008.	6.4	43
65	Plasmon-Enhanced Fluorescence in Coupled Nanostructures and Applications in DNA Detection. <i>ACS Applied Bio Materials</i> , 2018, 1, 118-124.	2.3	40
66	Metamaterial and nanomaterial electromagnetic wave absorbers: structures, properties and applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12768-12794.	2.7	40
67	Tuning Interior Nanogaps of Double-shelled Au/Ag Nanoboxes for Surface-Enhanced Raman Scattering. <i>Scientific Reports</i> , 2015, 5, 8382.	1.6	35
68	Evidences for redox reaction driven charge transfer and mass transport in metal-assisted chemical etching of silicon. <i>Scientific Reports</i> , 2016, 6, 36582.	1.6	34
69	Multiband Switchable Terahertz Quarter-Wave Plates via Phase-Change Metasurfaces. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	1.0	34
70	Orbital angular momentum generation via a spiral phase microsphere. <i>Optics Letters</i> , 2018, 43, 34.	1.7	34
71	Terahertz particle-in-liquid sensing with spoof surface plasmon polariton waveguides. <i>APL Photonics</i> , 2017, 2, .	3.0	33
72	Germanium n <sup>+</sup> -p junction formation by laser thermal process. <i>Applied Physics Letters</i> , 2005, 87, 173507.	1.5	32

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73	Creation of a longitudinally polarized photonic nanojet via an engineered microsphere. <i>Optics Letters</i> , 2017, 42, 1444.	1.7	30
74	Fabrication of high hardness microarray diamond tools by femtosecond laser ablation. <i>Optics and Laser Technology</i> , 2021, 140, 107014.	2.2	29
75	Super-Resolution Long-Depth Focusing by Radially Polarized Light Irradiation Through Plasmonic Lens in Optical Meso-field. <i>Plasmonics</i> , 2014, 9, 55-60.	1.8	28
76	Stacking of colors in exfoliable plasmonic superlattices. <i>Nanoscale</i> , 2016, 8, 18228-18234.	2.8	27
77	Dual-Microstructured Porous, Anisotropic Film for Biomimicking of Endothelial Basement Membrane. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13445-13456.	4.0	26
78	Periodic Upright Nanopyramids for Light Management Applications in Ultrathin Crystalline Silicon Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2017, 7, 493-501.	1.5	26
79	Chiral Metafoils for Terahertz Broadband High-Contrast Flexible Circular Polarizers. <i>Physical Review Applied</i> , 2014, 2, .	1.5	25
80	2D hydrated layered Ni(OH) <sub>2</sub> structure with hollow TiO <sub>2</sub> nanocomposite directed chromogenic and catalysis capabilities. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13307-13315.	5.2	24
81	One-step fabrication of metal nanoparticles on polymer film by femtosecond LIPAA method for SERS detection. <i>Talanta</i> , 2021, 228, 122204.	2.9	24
82	Highly flexible solution processable heterostructured zinc oxide nanowires mesh for environmental clean-up applications. <i>RSC Advances</i> , 2014, 4, 27481-27487.	1.7	23
83	Self-regulating reversible photocatalytic-driven chromism of a cavity enhanced optical field TiO <sub>2</sub> /CuO nanocomposite. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10909-10916.	5.2	23
84	Microsphere—Toward Future of Optical Microscopes. <i>IScience</i> , 2020, 23, 101211.	1.9	23
85	Enhancement of pulsed laser ablation assisted with continuous wave laser irradiation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	22
86	Selective excitation of resonances in gammadion metamaterials for terahertz wave manipulation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015, 58, 1.	2.0	21
87	Anisotropic Superhydrophobic Properties of Bioinspired Surfaces by Laser Ablation of Metal Substrate inside Water. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100555.	1.9	21
88	Direct Laser Microperforation of Bioresponsive Surface-Patterned Films with Through-Hole Arrays for Vascular Tissue-Engineering Application. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1239-1249.	2.6	20
89	The art of laser ablation in aeroengine: The crown jewel of modern industry. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	20
90	Enhancement of femtosecond laser-induced surface ablation via temporal overlapping double-pulse irradiation. <i>Photonics Research</i> , 2020, 8, 271.	3.4	20

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91	Improved optical limiting performance of laser-ablation-generated metal nanoparticles due to silica-microsphere-induced local field enhancement. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1199-1204.	1.5	17
92	Femtosecond Laser Inscribed Y-Branch Waveguide in Nd:YAG Crystal: Fabrication and Continuous-Wave Lasing. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 227-230.	1.9	17
93	Hybrid structures of Fe <sub>3</sub> O <sub>4</sub> and Ag nanoparticles on Si nanopillar arrays substrate for SERS applications. <i>Materials Chemistry and Physics</i> , 2018, 214, 377-382.	2.0	17
94	Scaffold with Micro/Macro Architecture for Myocardial Alignment Engineering into Complex 3D Cell Patterns. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901015.	3.9	17
95	Optical Quality Laser Polishing of CVD Diamond by UV Pulsed Laser Irradiation. <i>Advanced Optical Materials</i> , 2021, 9, 2100537.	3.6	17
96	Sound energy enhancement via impedance-matched anisotropic metamaterial. <i>Materials and Design</i> , 2021, 197, 109254.	3.3	16
97	Wavelength-tunable focusing via a Fresnel zone microsphere. <i>Optics Letters</i> , 2020, 45, 852.	1.7	16
98	Coupling effect of spiral-shaped terahertz metamaterials for tunable electromagnetic response. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 25-29.	1.1	15
99	Temperature-controlled photonic nanojet via VO <sub>2</sub> coating. <i>Applied Optics</i> , 2016, 55, 3751.	2.1	15
100	Formation of a three-dimensional bottle beam via an engineered microsphere. <i>Photonics Research</i> , 2021, 9, 1598.	3.4	15
101	Reliable laser fabrication: the quest for responsive biomaterials surface. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3612-3631.	2.9	14
102	Realization of adhesion enhancement of CuO nanowires growth on copper substrate by laser texturing. <i>Optics and Laser Technology</i> , 2019, 119, 105612.	2.2	14
103	Enhancement of pulsed laser ablation in environmentally friendly liquid. <i>Optics Express</i> , 2014, 22, 23875.	1.7	13
104	Metasurface spatiotemporal dynamics and asymmetric photonic spin-orbit interactions mediated vector-polarization optical chaos. <i>Physical Review Research</i> , 2021, 3, .	1.3	13
105	Superresolution microscopy imaging based on full-wave modeling and image reconstruction. <i>Optica</i> , 2016, 3, 1339.	4.8	12
106	Breaking the diffraction limit in far field by planar metalens. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	2.0	12
107	Quantification of a Cardiac Biomarker in Human Serum Using Extraordinary Optical Transmission (EOT). <i>PLoS ONE</i> , 2015, 10, e0120974.	1.1	12
108	Tunable Hierarchical Nanostructures on Micro-Conical Arrays of Laser Textured TC4 Substrate by Hydrothermal Treatment for Enhanced Anti-Icing Property. <i>Coatings</i> , 2020, 10, 450.	1.2	12

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109	Ultralow broadband optical reflection of silicon nanostructured surfaces coupled with antireflection coating. <i>Journal of Materials Science</i> , 2012, 47, 1594-1597.	1.7	11
110	Metasurface wave in planar nano-photonics. <i>Science Bulletin</i> , 2016, 61, 112-113.	4.3	11
111	Tunable Picosecond Laser Pulses via the Contrast of Two Reverse Saturable Absorption Phases in a Waveguide Platform. <i>Scientific Reports</i> , 2016, 6, 26176.	1.6	11
112	Morphology and electrical characteristics of polymer: Fullerene films deposited by electrospray. <i>Solar Energy Materials and Solar Cells</i> , 2018, 183, 137-145.	3.0	11
113	Total Reflection Metasurface with Pure Modulated Signal. <i>Advanced Optical Materials</i> , 2019, 7, 1801130.	3.6	11
114	Formation of polarization-dependent optical vortex beams via an engineered microsphere. <i>Optics Express</i> , 2021, 29, 11121.	1.7	11
115	Impact of Laser-Induced Oxidation on Silicon Wafer Solar Cells™ Performance. <i>IEEE Journal of Photovoltaics</i> , 2016, 6, 617-623.	1.5	10
116	Plasmonic bimetallic nanodisk arrays for DNA conformation sensing. <i>Nanoscale</i> , 2019, 11, 19291-19296.	2.8	10
117	Near-perfect microlenses based on graphene microbubbles. <i>Advanced Photonics</i> , 2020, 2, .	6.2	10
118	Functional nonlinear optical nanoparticles synthesized by laser ablation. , 2022, 1, 210007-210007.		10
119	Tuning Optical Nonlinearity of Laser-Ablation-Synthesized Silicon Nanoparticles via Doping Concentration. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	1.5	9
120	Wide bandwidth acoustic transmission via coiled-up metamaterial with impedance matching layers. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	9
121	Inversion Symmetry Breaking in Lithium Intercalated Graphitic Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 28561-28567.	4.0	9
122	Solar Energy Capture: Visible to NIR Photon Harvesting: Progressive Engineering of Catalysts for Solar Powered Environmental Purification and Fuel Production ( <i>Adv. Mater.</i> 47/2018). <i>Advanced Materials</i> , 2018, 30, 1870363.	11.1	7
123	Realization of <sc>noncontact</sc> confocal optical microsphere imaging microscope. <i>Microscopy Research and Technique</i> , 2021, 84, 2381-2387.	1.2	7
124	Broadband acoustic amplification via impedance-matched meta-structure resonator. <i>Applied Physics Express</i> , 2018, 11, 117301.	1.1	6
125	Ultralong light focusing via negative axicon microsphere. <i>Engineering Research Express</i> , 2020, 2, 015044.	0.8	6
126	Enhancement of pulsed laser-induced silicon plasma-assisted quartz ablation by continuous wave laser irradiation. <i>Journal of Laser Applications</i> , 2020, 32, .	0.8	6



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127	Synthetic Plasmonic Nanocircuits and the Evolution of Their Correlated Spatial Arrangement and Resonance Spectrum. ACS Photonics, 2021, 8, 166-174.	3.2	6
128	Fabrication of SERS substrates by femtosecond LIPAA for detection of contaminants in foods. Optics and Laser Technology, 2022, 151, 107954.	2.2	6
129	Tunable Coloring via Post-Thermal Annealing of Laser-Processed Metal Surface. Applied Sciences (Switzerland), 2018, 8, 1716.	1.3	5
130	Diffraction Efficiency Optimization in Metasurface Design via Electromagnetic Coupling Compensation. Materials, 2019, 12, 1005.	1.3	5
131	Laser Nano-Patterning for Large Area Nanostructure Fabrication. International Journal of Optomechatronics, 2008, 2, 382-389.	3.3	4
132	Hybrid Plasmonics and Two-Dimensional Materials: Theory and Applications. Journal of Molecular and Engineering Materials, 2020, 08, 2030001.	0.9	4
133	Enhancing SERS detection on a biocompatible metallic substrate for diabetes diagnosing. Optics Letters, 2021, 46, 3801.	1.7	4
134	3D-Printed Regular-Porous Structure with Trapezoidal Multiple Microchannels as Combustion Reaction Support for the Autothermal Methanol Steam Reforming Microreactor for Hydrogen Production. Industrial & Engineering Chemistry Research, 2022, 61, 2443-2454.	1.8	4
135	Investigation on Terahertz waveplate at upper Terahertz band. , 2011, , .		3
136	Laser interaction with materials and its applications in precision engineering. Scientia Sinica: Physica, Mechanica Et Astronomica, 2017, 47, 024201.	0.2	3
137	Tissue Engineering: Scaffold with Micro/Macro Architecture for Myocardial Alignment Engineering into Complex 3D Cell Patterns (Adv. Healthcare Mater. 22/2019). Advanced Healthcare Materials, 2019, 8, 1970087.	3.9	2
138	Inclined space-coiling metamaterials for highly efficient sound energy transmission at various incident angles. Journal of Applied Physics, 2020, 127, 194901.	1.1	2
139	Surface Nano-fabrication by Laser Precision Engineering. The Review of Laser Engineering, 2008, 36, 1184-1187.	0.0	2
140	Femtosecond laser irradiation for functional micro-/nanostructure fabrication. , 2009, , .		1
141	Using Extraordinary Optical Transmission to Quantify Cardiac Biomarkers in Human Serum. Journal of Visualized Experiments, 2017, , .	0.2	1
142	Anisotropic Superhydrophobic Properties of Bioinspired Surfaces by Laser Ablation of Metal Substrate inside Water (Adv. Mater. Interfaces 16/2021). Advanced Materials Interfaces, 2021, 8, 2170090.	1.9	1
143	Special issue on the 100th anniversary of Xiamen University. Light: Science and Applications, 2021, 10, 185.	7.7	1
144	Laser Surface Structuring of Semiconductors and Functionalization. , 2021, , 1017-1061.		1

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145	Frequency Controllable Metamaterial Absorber by an Added Dielectric Layer. , 2011, , .		0
146	Polarization splitter using horizontal slot waveguide. , 2012, , .		0
147	Graphene-based layered metamaterial platform for functional photonic devices. , 2019, , .		0