

# Xiang Zhang

## List of Publications by Citations

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322  
papers

51,137  
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104  
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223  
g-index

340  
ext. papers

60,558  
ext. citations

12.6  
avg, IF

7.88  
L-index

#	Paper	IF	Citations
322	Sub-diffraction-limited optical imaging with a silver superlens. <i>Science</i> , <b>2005</b> , 308, 534-7	33.3	2990
321	A graphene-based broadband optical modulator. <i>Nature</i> , <b>2011</b> , 474, 64-7	50.4	2385
320	Plasmon lasers at deep subwavelength scale. <i>Nature</i> , <b>2009</b> , 461, 629-32	50.4	1891
319	Discovery of intrinsic ferromagnetism in two-dimensional van der Waals crystals. <i>Nature</i> , <b>2017</b> , 546, 265-269	36.9	1890
318	Plasmon-induced transparency in metamaterials. <i>Physical Review Letters</i> , <b>2008</b> , 101, 047401	7.4	1667
317	Three-dimensional optical metamaterial with a negative refractive index. <i>Nature</i> , <b>2008</b> , 455, 376-9	50.4	1615
316	Far-field optical hyperlens magnifying sub-diffraction-limited objects. <i>Science</i> , <b>2007</b> , 315, 1686	33.3	1574
315	Ultrasonic metamaterials with negative modulus. <i>Nature Materials</i> , <b>2006</b> , 5, 452-6	27	1288
314	An optical cloak made of dielectrics. <i>Nature Materials</i> , <b>2009</b> , 8, 568-71	27	1040
313	Superlenses to overcome the diffraction limit. <i>Nature Materials</i> , <b>2008</b> , 7, 435-41	27	915
312	Single-mode laser by parity-time symmetry breaking. <i>Science</i> , <b>2014</b> , 346, 972-5	33.3	905
311	Janus monolayers of transition metal dichalcogenides. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 744-749	28.7	828
310	Photonic spin Hall effect at metasurfaces. <i>Science</i> , <b>2013</b> , 339, 1405-7	33.3	799
309	Near-unity photoluminescence quantum yield in MoS <sub>2</sub> . <i>Science</i> , <b>2015</b> , 350, 1065-8	33.3	792
308	Negative refractive index in chiral metamaterials. <i>Physical Review Letters</i> , <b>2009</b> , 102, 023901	7.4	708
307	An ultrathin invisibility skin cloak for visible light. <i>Science</i> , <b>2015</b> , 349, 1310-4	33.3	684
306	Optical negative refraction in bulk metamaterials of nanowires. <i>Science</i> , <b>2008</b> , 321, 930	33.3	683

305	Probing excitonic dark states in single-layer tungsten disulphide. <i>Nature</i> , <b>2014</b> , 513, 214-8	50.4	672
304	Switching terahertz waves with gate-controlled active graphene metamaterials. <i>Nature Materials</i> , <b>2012</b> , 11, 936-41	27	620
303	Metamaterials: a new frontier of science and technology. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 2494-507	58.5	619
302	Double-layer graphene optical modulator. <i>Nano Letters</i> , <b>2012</b> , 12, 1482-5	11.5	585
301	Two-dimensional magnetic crystals and emergent heterostructure devices. <i>Science</i> , <b>2019</b> , 363,	33.3	554
300	Observation of piezoelectricity in free-standing monolayer MoS <sub>2</sub> . <i>Nature Nanotechnology</i> , <b>2015</b> , 10, 151-5	58.7	537
299	Experimental demonstration of an acoustic magnifying hyperlens. <i>Nature Materials</i> , <b>2009</b> , 8, 931-4	27	509
298	Edge nonlinear optics on a MoS <sub>2</sub> atomic monolayer. <i>Science</i> , <b>2014</b> , 344, 488-90	33.3	504
297	Room-temperature sub-diffraction-limited plasmon laser by total internal reflection. <i>Nature Materials</i> , <b>2011</b> , 10, 110-3	27	461
296	Plasmonic Nanolithography. <i>Nano Letters</i> , <b>2004</b> , 4, 1085-1088	11.5	461
295	Focusing surface plasmons with a plasmonic lens. <i>Nano Letters</i> , <b>2005</b> , 5, 1726-9	11.5	447
294	Hyperbolic metamaterials and their applications. <i>Progress in Quantum Electronics</i> , <b>2015</b> , 40, 1-40	9.1	400
293	Structural phase transition in monolayer MoTe driven by electrostatic doping. <i>Nature</i> , <b>2017</b> , 550, 487-491	50.4	390
292	Monolayer excitonic laser. <i>Nature Photonics</i> , <b>2015</b> , 9, 733-737	33.9	369
291	High-Q surface-plasmon-polariton whispering-gallery microcavity. <i>Nature</i> , <b>2009</b> , 457, 455-8	50.4	365
290	Method for retrieving effective properties of locally resonant acoustic metamaterials. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	339
289	Photoinduced handedness switching in terahertz chiral metamolecules. <i>Nature Communications</i> , <b>2012</b> , 3, 942	17.4	333
288	Weaving of organic threads into a crystalline covalent organic framework. <i>Science</i> , <b>2016</b> , 351, 365-9	33.3	307

287	Surface plasmon interference nanolithography. <i>Nano Letters</i> , <b>2005</b> , 5, 957-61	11.5	302
286	Spherical hyperlens for two-dimensional sub-diffractive imaging at visible frequencies. <i>Nature Communications</i> , <b>2010</b> , 1, 143	17.4	300
285	Far-field optical superlens. <i>Nano Letters</i> , <b>2007</b> , 7, 403-8	11.5	300
284	Ultra-compact silicon nanophotonic modulator with broadband response. <i>Nanophotonics</i> , <b>2012</b> , 1, 17-22	6.3	287
283	Valley photonic crystals for control of spin and topology. <i>Nature Materials</i> , <b>2017</b> , 16, 298-302	27	273
282	Light-driven nanoscale plasmonic motors. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 570-3	28.7	264
281	Experimental realization of three-dimensional indefinite cavities at the nanoscale with anomalous scaling laws. <i>Nature Photonics</i> , <b>2012</b> , 6, 450-454	33.9	261
280	Cloaking of matter waves. <i>Physical Review Letters</i> , <b>2008</b> , 100, 123002	7.4	254
279	Flying plasmonic lens in the near field for high-speed nanolithography. <i>Nature Nanotechnology</i> , <b>2008</b> , 3, 733-7	28.7	245
278	Imaging properties of a metamaterial superlens. <i>Applied Physics Letters</i> , <b>2003</b> , 82, 161-163	3.4	237
277	Plasmonic Luneburg and Eaton lenses. <i>Nature Nanotechnology</i> , <b>2011</b> , 6, 151-5	28.7	234
276	Mimicking celestial mechanics in metamaterials. <i>Nature Physics</i> , <b>2009</b> , 5, 687-692	16.2	234
275	Enhanced ferroelectricity in ultrathin films grown directly on silicon. <i>Nature</i> , <b>2020</b> , 580, 478-482	50.4	232
274	Double-negative-index ceramic aerogels for thermal superinsulation. <i>Science</i> , <b>2019</b> , 363, 723-727	33.3	229
273	Single-crystalline layered metal-halide perovskite nanowires for ultrasensitive photodetectors. <i>Nature Electronics</i> , <b>2018</b> , 1, 404-410	28.4	224
272	Nonparaxial Mathieu and Weber accelerating beams. <i>Physical Review Letters</i> , <b>2012</b> , 109, 193901	7.4	224
271	Split ring resonator sensors for infrared detection of single molecular monolayers. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 043113	3.4	218
270	Toward integrated plasmonic circuits. <i>MRS Bulletin</i> , <b>2012</b> , 37, 728-738	3.2	216

269	Probing the electromagnetic field of a 15-nanometre hotspot by single molecule imaging. <i>Nature</i> , <b>2011</b> , 469, 385-8	50.4	210
268	Anomalously low electronic thermal conductivity in metallic vanadium dioxide. <i>Science</i> , <b>2017</b> , 355, 371-374	33.3	208
267	Plasmon lasers: coherent light source at molecular scales. <i>Laser and Photonics Reviews</i> , <b>2013</b> , 7, 1-21	8.3	207
266	PT-Symmetric Acoustics. <i>Physical Review X</i> , <b>2014</b> , 4,	9.1	203
265	Lasing and anti-lasing in a single cavity. <i>Nature Photonics</i> , <b>2016</b> , 10, 796-801	33.9	201
264	Large-scale chemical assembly of atomically thin transistors and circuits. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 954-959	28.7	201
263	Transformational plasmon optics. <i>Nano Letters</i> , <b>2010</b> , 10, 1991-7	11.5	197
262	Electrical generation and control of the valley carriers in a monolayer transition metal dichalcogenide. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 598-602	28.7	195
261	Large positive and negative lateral optical beam displacements due to surface plasmon resonance. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 372-374	3.4	192
260	All-angle negative refraction and imaging in a bulk medium made of metallic nanowires in the visible region. <i>Optics Express</i> , <b>2008</b> , 16, 15439-48	3.3	188
259	Phase mismatch-free nonlinear propagation in optical zero-index materials. <i>Science</i> , <b>2013</b> , 342, 1223-6	33.3	186
258	Predicting nonlinear properties of metamaterials from the linear response. <i>Nature Materials</i> , <b>2015</b> , 14, 379-83	27	185
257	Experimental demonstration of low-loss optical waveguiding at deep sub-wavelength scales. <i>Nature Communications</i> , <b>2011</b> , 2,	17.4	183
256	Acoustic rainbow trapping. <i>Scientific Reports</i> , <b>2013</b> , 3,	4.9	181
255	Surface resonant states and superlensing in acoustic metamaterials. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	175
254	Roadmap on plasmonics. <i>Journal of Optics (United Kingdom)</i> , <b>2018</b> , 20, 043001	1.7	174
253	Self-amplifying autocrine actions of BDNF in axon development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18430-5	11.5	173
252	Optical forces in hybrid plasmonic waveguides. <i>Nano Letters</i> , <b>2011</b> , 11, 321-8	11.5	170

251	Intrinsic Two-Dimensional Ferroelectricity with Dipole Locking. <i>Physical Review Letters</i> , <b>2018</b> , 120, 227601-4	1.4	170
250	Plasmonic Airy beams with dynamically controlled trajectories. <i>Optics Letters</i> , <b>2011</b> , 36, 3191-3	3	169
249	Terahertz plasmonic high pass filter. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 201-203	3.4	167
248	High-Performance Single-Crystalline Perovskite Thin-Film Photodetector. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704333	24	166
247	Subwavelength discrete solitons in nonlinear metamaterials. <i>Physical Review Letters</i> , <b>2007</b> , 99, 153901	7.4	166
246	The metastability of an electrochemically controlled nanoscale machine on gold surfaces. <i>ChemPhysChem</i> , <b>2004</b> , 5, 111-6	3.2	161
245	Development of optical hyperlens for imaging below the diffraction limit. <i>Optics Express</i> , <b>2007</b> , 15, 15886-91	3.1	160
244	Explosives detection in a lasing plasmon nanocavity. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 600-4	28.7	153
243	Large quantum superpositions of a levitated nanodiamond through spin-optomechanical coupling. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	153
242	Accessing the exceptional points of parity-time symmetric acoustics. <i>Nature Communications</i> , <b>2016</b> , 7, 11110	17.4	152
241	Ultrannarrow coupling-induced transparency bands in hybrid plasmonic systems. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	148
240	Generation of acoustic self-bending and bottle beams by phase engineering. <i>Nature Communications</i> , <b>2014</b> , 5, 4316	17.4	145
239	Rapid growth of evanescent wave by a silver superlens. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 5184-5186	3.4	140
238	High-speed acoustic communication by multiplexing orbital angular momentum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7250-7253	11.5	139
237	A carpet cloak for visible light. <i>Nano Letters</i> , <b>2011</b> , 11, 2825-8	11.5	138
236	Compact magnetic antennas for directional excitation of surface plasmons. <i>Nano Letters</i> , <b>2012</b> , 12, 4853-8	1.5	134
235	High thermoelectric power factor in two-dimensional crystals of MoS <sub>2</sub> . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	133
234	Observation of stimulated emission of surface plasmon polaritons. <i>Nano Letters</i> , <b>2008</b> , 8, 3998-4001	11.5	132

233	Maskless plasmonic lithography at 22 nm resolution. <i>Scientific Reports</i> , <b>2011</b> , 1, 175	4.9	130
232	Thermal conductivity and diffusivity of free-standing silicon nitride thin films. <i>Review of Scientific Instruments</i> , <b>1995</b> , 66, 1115-1120	1.7	123
231	Two-dimensional imaging by far-field superlens at visible wavelengths. <i>Nano Letters</i> , <b>2007</b> , 7, 3360-5	11.5	120
230	Plasmonic Fabry-Pérot nanocavity. <i>Nano Letters</i> , <b>2009</b> , 9, 3489-93	11.5	119
229	Athermal Broadband Graphene Optical Modulator with 35 GHz Speed. <i>ACS Photonics</i> , <b>2016</b> , 3, 1564-1568	6.3	116
228	Axon initiation and growth cone turning on bound protein gradients. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 7450-8	6.6	113
227	Space-time crystals of trapped ions. <i>Physical Review Letters</i> , <b>2012</b> , 109, 163001	7.4	111
226	Observation of chiral phonons. <i>Science</i> , <b>2018</b> , 359, 579-582	33.3	110
225	Demonstration of a large-scale optical exceptional point structure. <i>Optics Express</i> , <b>2014</b> , 22, 1760-7	3.3	110
224	Atomically phase-matched second-harmonic generation in a 2D crystal. <i>Light: Science and Applications</i> , <b>2016</b> , 5, e16131	16.7	109
223	Resonant and non-resonant generation and focusing of surface plasmons with circular gratings. <i>Optics Express</i> , <b>2006</b> , 14, 5664-70	3.3	108
222	One-way invisible cloak using parity-time symmetric transformation optics. <i>Optics Letters</i> , <b>2013</b> , 38, 2821-4	3.4	106
221	Theory of the transmission properties of an optical far-field superlens for imaging beyond the diffraction limit. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 2383	1.7	106
220	Regenerating evanescent waves from a silver superlens. <i>Optics Express</i> , <b>2003</b> , 11, 682-7	3.3	105
219	Multiferroicity in atomic van der Waals heterostructures. <i>Nature Communications</i> , <b>2019</b> , 10, 2657	17.4	104
218	Temperature-gated thermal rectifier for active heat flow control. <i>Nano Letters</i> , <b>2014</b> , 14, 4867-72	11.5	104
217	Generation of linear and nonlinear nonparaxial accelerating beams. <i>Optics Letters</i> , <b>2012</b> , 37, 2820-2	3	104
216	Metasurfaces for manipulating surface plasmons. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 141101	3.4	102

215	Three-dimensional nanometer-scale optical cavities of indefinite medium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 11327-31	11.5	102
214	Patterning-Induced Ferromagnetism of FeGeTe van der Waals Materials beyond Room Temperature. <i>Nano Letters</i> , <b>2018</b> , 18, 5974-5980	11.5	101
213	Excitons in atomically thin 2D semiconductors and their applications. <i>Nanophotonics</i> , <b>2017</b> , 6, 1309-1328	6.3	100
212	Hybrid photonic-plasmonic crystal nanocavities. <i>ACS Nano</i> , <b>2011</b> , 5, 2831-8	16.7	98
211	Acoustic Metamaterials. <i>MRS Bulletin</i> , <b>2008</b> , 33, 931-934	3.2	98
210	Near-field two-photon nanolithography using an apertureless optical probe. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 3663-3665	3.4	96
209	Unidirectional light propagation at exceptional points. <i>Nature Materials</i> , <b>2013</b> , 12, 175-7	27	95
208	Plasmonic nearfield scanning probe with high transmission. <i>Nano Letters</i> , <b>2008</b> , 8, 3041-5	11.5	94
207	The influences of the material properties on ceramic micro-stereolithography. <i>Sensors and Actuators A: Physical</i> , <b>2002</b> , 101, 364-370	3.9	94
206	Compressing surface plasmons for nano-scale optical focusing. <i>Optics Express</i> , <b>2009</b> , 17, 7519-24	3.3	93
205	Observation of acoustic Dirac-like cone and double zero refractive index. <i>Nature Communications</i> , <b>2017</b> , 8, 14871	17.4	92
204	Infrared Topological Plasmons in Graphene. <i>Physical Review Letters</i> , <b>2017</b> , 118, 245301	7.4	92
203	A simple design of flat hyperlens for lithography and imaging with half-pitch resolution down to 20 nm. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 203108	3.4	92
202	Magnetic hyperbolic optical metamaterials. <i>Nature Communications</i> , <b>2016</b> , 7, 11329	17.4	91
201	Manipulating optical rotation in extraordinary transmission by hybrid plasmonic excitations. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 021110	3.4	89
200	Multiplexed and electrically modulated plasmon laser circuit. <i>Nano Letters</i> , <b>2012</b> , 12, 5396-402	11.5	88
199	Electrically induced 2D half-metallic antiferromagnets and spin field effect transistors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 8511-8516	11.5	87
198	Heterojunction silicon microwire solar cells. <i>Nano Letters</i> , <b>2012</b> , 12, 6278-82	11.5	87



197	Tuning the focus of a plasmonic lens by the incident angle. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 171108	3.4	87
196	Resonant phase matching of Josephson junction traveling wave parametric amplifiers. <i>Physical Review Letters</i> , <b>2014</b> , 113, 157001	7.4	84
195	Ten years of spasers and plasmonic nanolasers. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 90	16.7	82
194	Ultraslow waves on the nanoscale. <i>Science</i> , <b>2017</b> , 358,	33.3	81
193	Metasurface-Enabled Remote Quantum Interference. <i>Physical Review Letters</i> , <b>2015</b> , 115, 025501	7.4	80
192	Strongly enhanced molecular fluorescence inside a nanoscale waveguide gap. <i>Nano Letters</i> , <b>2011</b> , 11, 4907-11	11.5	80
191	Recent advances in transformation optics. <i>Nanoscale</i> , <b>2012</b> , 4, 5277-92	7.7	79
190	Unidirectional spectral singularities. <i>Physical Review Letters</i> , <b>2014</b> , 113, 263905	7.4	78
189	Realization of optical superlens imaging below the diffraction limit. <i>New Journal of Physics</i> , <b>2005</b> , 7, 255-255	7.5	78
188	Nonlinear quantum optics in a waveguide: distinct single photons strongly interacting at the single atom level. <i>Physical Review Letters</i> , <b>2011</b> , 106, 113601	7.4	77
187	Projecting deep-subwavelength patterns from diffraction-limited masks using metal-dielectric multilayers. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 111116	3.4	77
186	Physics. Spotlight on plasmon lasers. <i>Science</i> , <b>2011</b> , 333, 709-10	33.3	75
185	Exciton-dominant electroluminescence from a diode of monolayer MoS <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2014</b> , 104, 193508	3.4	72
184	Broad band focusing and demultiplexing of in-plane propagating surface plasmons. <i>Nano Letters</i> , <b>2011</b> , 11, 4357-61	11.5	72
183	Ray optics at a deep-subwavelength scale: a transformation optics approach. <i>Nano Letters</i> , <b>2008</b> , 8, 4243-4247	7.5	71
182	Feedback-driven self-assembly of symmetry-breaking optical metamaterials in solution. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 1002-6	28.7	70
181	Nonlinear optical selection rule based on valley-exciton locking in monolayer ws <sub>2</sub> . <i>Light: Science and Applications</i> , <b>2015</b> , 4, e366-e366	16.7	70
180	Solar energy enhancement using down-converting particles: A rigorous approach. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 114905	2.5	70

179	Local electric field enhancement during nanofocusing of plasmons by a tapered gap. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	69
178	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , <b>2021</b> , 2108017-0	3.8	69
177	An optical "Janus" device for integrated photonics. <i>Advanced Materials</i> , <b>2010</b> , 22, 2561-4	24	68
176	Control of Coherently Coupled Exciton Polaritons in Monolayer Tungsten Disulphide. <i>Physical Review Letters</i> , <b>2017</b> , 119, 027403	7.4	67
175	Broad band two-dimensional manipulation of surface plasmons. <i>Nano Letters</i> , <b>2009</b> , 9, 462-6	11.5	67
174	Deep subwavelength terahertz waveguides using gap magnetic plasmon. <i>Physical Review Letters</i> , <b>2009</b> , 102, 043904	7.4	66
173	Contribution of the electric quadrupole resonance in optical metamaterials. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	65
172	Anti-Hermitian plasmon coupling of an array of gold thin-film antennas for controlling light at the nanoscale. <i>Physical Review Letters</i> , <b>2012</b> , 109, 193902	7.4	64
171	Optical negative refraction by four-wave mixing in thin metallic nanostructures. <i>Nature Materials</i> , <b>2011</b> , 11, 34-8	27	64
170	Experimental studies of far-field superlens for sub-diffractive optical imaging. <i>Optics Express</i> , <b>2007</b> , 15, 6947-54	3.3	62
169	All-optical Hall effect by the dynamic toroidal moment in a cavity-based metamaterial. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	61
168	Optical and acoustic metamaterials: superlens, negative refractive index and invisibility cloak. <i>Journal of Optics (United Kingdom)</i> , <b>2017</b> , 19, 084007	1.7	60
167	All optical interface for parallel, remote, and spatiotemporal control of neuronal activity. <i>Nano Letters</i> , <b>2007</b> , 7, 3859-63	11.5	60
166	Nanopin plasmonic resonator array and its optical properties. <i>Nano Letters</i> , <b>2007</b> , 7, 1076-80	11.5	60
165	Ultrafast acousto-plasmonic control and sensing in complex nanostructures. <i>Nature Communications</i> , <b>2014</b> , 5, 4042	17.4	59
164	Nanoporous silicon networks as anodes for lithium ion batteries. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 440-3	3.6	57
163	Transparent metals for ultrabroadband electromagnetic waves. <i>Advanced Materials</i> , <b>2012</b> , 24, 1980-6	24	57
162	Large spontaneous-emission enhancements in metallic nanostructures: towards LEDs faster than lasers. <i>Optics Express</i> , <b>2016</b> , 24, 17916-27	3.3	57

161	Midinfrared metamaterials fabricated by nanoimprint lithography. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 063107	3.4	56
160	Raman enhancement factor of a single tunable nanoplasmonic resonator. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 3964-8	3.4	56
159	Epitaxial Single-Layer MoS on GaN with Enhanced Valley Helicity. <i>Advanced Materials</i> , <b>2018</b> , 30, 1703888	2.4	55
158	Symmetry breaking and optical negative index of closed nanorings. <i>Nature Communications</i> , <b>2012</b> , 3, 1180	17.4	55
157	Giant suppression of photobleaching for single molecule detection via the Purcell effect. <i>Nano Letters</i> , <b>2013</b> , 13, 5949-53	11.5	54
156	Adiabatic elimination-based coupling control in densely packed subwavelength waveguides. <i>Nature Communications</i> , <b>2015</b> , 6, 7565	17.4	52
155	Ultrafast modulation of optical metamaterials. <i>Optics Express</i> , <b>2009</b> , 17, 17652-7	3.3	52
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153	Gradient lithography of engineered proteins to fabricate 2D and 3D cell culture microenvironments. <i>Biomedical Microdevices</i> , <b>2009</b> , 11, 1127-34	3.7	46
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