Young Min Song

List of Publications by Citations

152 papers	6,469 citations	33 h-index	78 g-index
187 ext. papers	7,715 ext. citations	7.7 avg, IF	5.63 L-index

#	Paper	IF	Citations
152	A physically transient form of silicon electronics. *Science*, **2012**, 337, 1640-4	33.3	862
151	Injectable, cellular-scale optoelectronics with applications for wireless optogenetics. *Science*, **2013**, 340, 211-6	33.3	832
150	Digital cameras with designs inspired by the arthropod eye. *Nature*, **2013**, 497, 95-9	50.4	721
149	Soft network composite materials with deterministic and bio-inspired designs. *Nature Communications*, **2015**, 6, 6566	17.4	289
148	Rugged and breathable forms of stretchable electronics with adherent composite substrates for transcutaneous monitoring. *Nature Communications*, **2014**, 5, 4779	17.4	245
147	Human eye-inspired soft optoelectronic device using high-density MoS-graphene curved image sensor array. *Nature Communications*, **2017**, 8, 1664	17.4	241
146	Self-assembled three dimensional network designs for soft electronics. *Nature Communications*, **2017**, 8, 15894	17.4	238
145	Experimental and Theoretical Studies of Serpentine Microstructures Bonded To Prestrained Elastomers for Stretchable Electronics. *Advanced Functional Materials*, **2014**, 24, 2028-2037	15.6	220
144	Multifunctional skin-like electronics for quantitative, clinical monitoring of cutaneous wound healing. *Advanced Healthcare Materials*, **2014**, 3, 1597-607	10.1	175
143	Bioinspired parabola subwavelength structures for improved broadband antireflection. *Small*, **2010**, 6, 984-7	11	136
142	Nano-tailoring the surface structure for the monolithic high-performance antireflection polymer film. *Advanced Materials*, **2010**, 22, 3713-8	24	127
141	Wearable Force Touch Sensor Array Using a Flexible and Transparent Electrode. *Advanced Functional Materials*, **2017**, 27, 1605286	15.6	121
140	Bioinspired Artificial Eyes: Optic Components, Digital Cameras, and Visual Prostheses. *Advanced Functional Materials*, **2018**, 28, 1705202	15.6	104
139	Antireflective submicrometer gratings on thin-film silicon solar cells for light-absorption enhancement. *Optics Letters*, **2010**, 35, 276-8	3	97
138	Design of highly transparent glasses with broadband antireflective subwavelength structures. *Optics Express*, **2010**, 18, 13063-71	3.3	90
137	Colored, Daytime Radiative Coolers with Thin-Film Resonators for Aesthetic Purposes. *Advanced Optical Materials*, **2018**, 6, 1800707	8.1	65
136	Curved neuromorphic image sensor array using a MoS-organic heterostructure inspired by the human visual recognition system. *Nature Communications*, **2020**, 11, 5934	17.4	60

135	Edible unclonable functions. *Nature Communications*, **2020**, 11, 328	17.4	58
134	Closely packed and aspect-ratio-controlled antireflection subwavelength gratings on GaAs using a lenslike shape transfer. *Optics Letters*, **2009**, 34, 1702-4	3	58
133	Disordered antireflective nanostructures on GaN-based light-emitting diodes using Ag nanoparticles for improved light extraction efficiency. *Applied Physics Letters*, **2010**, 97, 093110	3.4	55
132	Light-extraction enhancement of red AlGaInP light-emitting diodes with antireflective subwavelength structures. *Optics Express*, **2009**, 17, 20991-7	3.3	48
131	An aquatic-vision-inspired camera based on a monocentric lens and a silicon nanorod photodiode array. *Nature Electronics*, **2020**, 3, 546-553	28.4	45
130	Dopant-Free, Amorphous□Crystalline Heterophase SnO2 Electron Transport Bilayer Enables >20% Efficiency in Triple-Cation Perovskite Solar Cells. *Advanced Functional Materials*, **2020**, 30, 2001559	15.6	45
129	Multifunctional light escaping architecture inspired by compound eye surface structures: From understanding to experimental demonstration. *Optics Express*, **2011**, 19 Suppl 2, A157-65	3.3	45
128	Biomimetic artificial Si compound eye surface structures with broadband and wide-angle antireflection properties for Si-based optoelectronic applications. *Nanoscale*, **2013**, 5, 10455-60	7.7	44
127	Flexible vertical light emitting diodes. *Small*, **2012**, 8, 3123-8	11	44
126	Enhanced power generation in concentrated photovoltaics using broadband antireflective coverglasses with moth eye structures. *Optics Express*, **2012**, 20 Suppl 6, A916-23	3.3	43
125	A emitter for passive heat release from enclosures. *Science Advances*, **2020**, 6,	14.3	43
124	Ferromagnetic, folded electrode composite as a soft interface to the skin for long-term electrophysiological recording. *Advanced Functional Materials*, **2016**, 26, 7281-7290	15.6	40
123	Antireflective characteristics of disordered GaAs subwavelength structures by thermally dewetted Au nanoparticles. *Solar Energy Materials and Solar Cells*, **2011**, 95, 669-676	6.4	38
122	Efficient Light Absorption by GaN Truncated Nanocones for High Performance Water Splitting Applications. *ACS Applied Materials & Interfaces*, **2018**, 10, 28672-28678	9.5	37
121	Broadband wide-angle antireflection enhancement in AZO/Si shell/core subwavelength grating structures with hydrophobic surface for Si-based solar cells. *Optics Express*, **2011**, 19 Suppl 5, A1155-64	3.3	37
120	Plasmonic Silver Nanoparticle-Impregnated Nanocomposite BiVO4 Photoanode for Plasmon-Enhanced Photocatalytic Water Splitting. *Journal of Physical Chemistry C*, **2018**, 122, 7088-7093	3.8	36
119	Broadband antireflective germanium surfaces based on subwavelength structures for photovoltaic cell applications. *Optics Express*, **2011**, 19, 26308-17	3.3	33
118	Antireflective silicon nanostructures with hydrophobicity by metal-assisted chemical etching for solar cell applications. *Nanoscale Research Letters*, **2013**, 8, 159	5	32

117	Ultra-thin films with highly absorbent porous media fine-tunable for coloration and enhanced color purity. *Nanoscale*, **2017**, 9, 2986-2991	7.7	30
116	Effect of etching parameters on antireflection properties of Si subwavelength grating structures for solar cell applications. *Applied Physics B: Lasers and Optics*, **2010**, 100, 891-896	1.9	30
115	Dry Transient Electronic Systems by Use of Materials that Sublime. *Advanced Functional Materials*, **2017**, 27, 1606008	15.6	27
114	Antireflective property of thin film a-Si solar cell structures with graded refractive index structure. *Optics Express*, **2011**, 19 Suppl 2, A108-17	3.3	26
113	Highly tolerant a-Si distributed Bragg reflector fabricated by oblique angle deposition. *Optical Materials Express*, **2011**, 1, 451	2.6	26
112	High-performance, color-tunable fiber shaped organic light-emitting diodes. *Nanoscale*, **2018**, 10, 16184-16192	7.6	25
111	Six-fold hexagonal symmetric nanostructures with various periodic shapes on GaAs substrates for efficient antireflection and hydrophobic properties. *Nanotechnology*, **2011**, 22, 485304	3.4	24
110	Thermal analysis of asymmetric intracavity-contacted oxide-aperture VCSELs for efficient heat dissipation. *Solid-State Electronics*, **2009**, 53, 1086-1091	1.7	24
109	Three-Dimensional Silicon Electronic Systems Fabricated by Compressive Buckling Process. *ACS Nano*, **2018**, 12, 4164-4171	16.7	23
108	COMPU-EYE: a high resolution computational compound eye. *Optics Express*, **2016**, 24, 2013-26	3.3	23
107	Wafer-scale broadband antireflective silicon fabricated by metal-assisted chemical etching using spin-coating Ag ink. *Optics Express*, **2011**, 19 Suppl 5, A1109-16	3.3	23
106	Thermal measurements and analysis of AlGaInP/GaInP MQW red LEDs with different chip sizes and substrate thicknesses. *Solid-State Electronics*, **2011**, 56, 79-84	1.7	23
105	Antireflective properties of AZO subwavelength gratings patterned by holographic lithography. *Applied Physics B: Lasers and Optics*, **2010**, 99, 695-700	1.9	23
104	Outdoor-Useable, Wireless/Battery-Free Patch-Type Tissue Oximeter with Radiative Cooling. *Advanced Science*, **2021**, 8, 2004885	13.6	21
103	Bimetallic non-alloyed NPs for improving the broadband optical absorption of thin amorphous silicon substrates. *Nanoscale Research Letters*, **2014**, 9, 181	5	20
102	Disordered submicron structures integrated on glass substrate for broadband absorption enhancement of thin-film solar cells. *Solar Energy Materials and Solar Cells*, **2012**, 101, 73-78	6.4	20
101	Antireflective properties of porous Si nanocolumnar structures with graded refractive index layers. *Optics Letters*, **2011**, 36, 253-5	3	20
100	Robustly nano-tailored honeycomb structure for high-throughput antireflection polymer films. *Journal of Materials Chemistry*, **2012**, 22, 17037		18

99	Flexible, Large-Area Covert Polarization Display Based on Ultrathin Lossy Nanocolumns on a Metal Film. *Advanced Functional Materials*, **2020**, 30, 1908592	15.6	18
98	Thin Metallic Heat Sink for Interfacial Thermal Management in Biointegrated Optoelectronic Devices. *Advanced Materials Technologies*, **2018**, 3, 1800159	6.8	17
97	Large area fabrication of engineered microlens array with low sag height for light-field imaging. *Optics Express*, **2019**, 27, 4435-4444	3.3	17
96	Geometrical shape design of nanophotonic surfaces for thin film solar cells. *Optics Express*, **2016**, 24, A1033-44	3.3	17
95	Fabrication and analysis of thin-film GaAs solar cell on flexible thermoplastic substrate using a low-pressure cold-welding. *Current Applied Physics*, **2015**, 15, 1312-1317	2.6	16
94	Mechanically robust antireflective moth-eye structures with a tailored coating of dielectric materials. *Optical Materials Express*, **2019**, 9, 4178	2.6	16
93	Large-Area Virus Coated Ultrathin Colorimetric Sensors with a Highly Lossy Resonant Promoter for Enhanced Chromaticity. *Advanced Science*, **2020**, 7, 2000978	13.6	15
92	Localized Delivery of Theranostic Nanoparticles and High-Energy Photons using Microneedles-on-Bioelectronics. *Advanced Materials*, **2021**, 33, e2100425	24	15
91	Enlarged Color Gamut Representation Enabled by Transferable Silicon Nanowire Arrays on Metal-Insulator-Metal Films. *ACS Applied Materials & Interfaces*, **2019**, 11, 11849-11856	9.5	14
90	Super-Antireflective Structure Films with Precisely Controlled Refractive Index Profile. *Advanced Optical Materials*, **2017**, 5, 1600616	8.1	14
89	Reflective color filter with precise control of the color coordinate achieved by stacking silicon nanowire arrays onto ultrathin optical coatings. *Scientific Reports*, **2019**, 9, 3350	4.9	13
88	Antireflective grassy surface on glass substrates with self-masked dry etching. *Nanoscale Research Letters*, **2013**, 8, 505	5	13
87	Investigation of geometrical effects of antireflective subwavelength grating structures for optical device applications. *Optical and Quantum Electronics*, **2009**, 41, 771-777	2.4	13
86	Broadband antireflective glasses with subwavelength structures using randomly distributed Ag nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 6152-6	1.3	13
85	Standard red green blue (sRGB) color representation with a tailored dual-resonance mode in metal/dielectric stacks. *Optical Materials Express*, **2019**, 9, 3342	2.6	13
84	Implantation of electronic visual prosthesis for blindness restoration. *Optical Materials Express*, **2019**, 9, 3878	2.6	13
83	Disordered-nanoparticle-based etalon for ultrafast humidity-responsive colorimetric sensors and anti-counterfeiting displays.. *Science Advances*, **2022**, 8, eabm8598	14.3	13
82	A single-material graded refractive index layer for improving the efficiency of III$V triple-junction solar cells. *Journal of Materials Chemistry A*, **2015**, 3, 7235-7240	13	12

81	Bio-Inspired Artificial Vision and Neuromorphic Image Processing Devices. *Advanced Materials Technologies*,2100144	6.8	12
80	A methodological review on material growth and synthesis of solar-driven water splitting photoelectrochemical cells.. *RSC Advances*, **2019**, 9, 30112-30124	3.7	12
79	Characterization of Nanomaterials by Locally Determining Their Complex Permittivity with Scattering-Type Scanning Near-Field Optical Microscopy. *ACS Applied Nano Materials*, **2020**, 3, 1250-1262	5.6	11
78	Microlens fabrication by selective oxidation of composition-graded digital alloy AlGaAs. *IEEE Photonics Technology Letters*, **2006**, 18, 121-123	2.2	11
77	Design of ZnS antireflective microstructures for mid- and far-infrared applications. *Optical and Quantum Electronics*, **2015**, 47, 1503-1508	2.4	10
76	Increased Light Extraction From GaN Light-Emitting Diodes by ${rm SiN}_{{rm x}}$ Compound Eyes. *IEEE Photonics Technology Letters*, **2013**, 25, 1118-1121	2.2	10
75	Parametric Optimization of Lateral NIPIN Phototransistors for Flexible Image Sensors. *Sensors*, **2017**, 17,	3.8	10
74	Precise etch-depth control of microlens-integrated intracavity contacted vertical-cavity surface-emitting lasers by in-situ laser reflectometry and reflectivity modeling. *Thin Solid Films*, **2009**, 517, 5773-5778	2.2	10
73	Mechanotunable optical filters based on stretchable silicon nanowire arrays. *Nanophotonics*, **2020**, 9, 3287-3293	6.3	10
72	Robustness of an artificially tailored fisheye imaging system with a curvilinear image surface. *Optics and Laser Technology*, **2017**, 96, 50-57	4.2	9
71	Recent advances in imaging systems and photonic nanostructures inspired by insect eye geometry. *Applied Spectroscopy Reviews*, **2018**, 53, 112-128	4.5	9
70	Double-Sided Anti-Reflection Nanostructures on Optical Convex Lenses for Imaging Applications. *Coatings*, **2019**, 9, 404	2.9	9
69	Efficiency Enhancement of III-V Triple-Junction Solar Cell Using Nanostructured Bifunctional Coverglass With Enhanced Transmittance and Self-Cleaning Property. *IEEE Photonics Journal*, **2014**, 6, 1-9	1.8	9
68	Size-dependent optical behavior of disordered nanostructures on glass substrates. *Applied Optics*, **2012**, 51, 5890-6	1.7	9
67	Enhanced Light Harvesting in Photovoltaic Devices Using an Edge-Located One-Dimensional Grating Polydimethylsiloxane Membrane. *ACS Applied Materials & Interfaces*, **2019**, 11, 36020-36026	9.5	8
66	Miniaturized 3D Depth Sensing-Based Smartphone Light Field Camera. *Sensors*, **2020**, 20,	3.8	8
65	Design and Fabrication of Microscale, Thin-Film Silicon Solid Immersion Lenses for Mid-Infrared Application. *Micromachines*, **2020**, 11,	3.3	7
64	Optical Design of Porous ZnO/TiO2 Films for Highly Transparent Glasses with Broadband Ultraviolet Protection. *Journal of Nanomaterials*, **2017**, 2017, 1-8	3.2	7

63	Revisiting silk: a lens-free optical physical unclonable function.. *Nature Communications*, **2022**, 13, 247	17.4	7
62	Spectrally and Spatially Selective Emitters Using Polymer Hybrid Spoof Plasmonics. *ACS Applied Materials & Interfaces*, **2020**, 12, 53206-53214	9.5	7
61	Dual-Mode Colorimetric Sensor Based on Ultrathin Resonating Facilitator Capable of Nanometer-Thick Virus Detection for Environment Monitoring. *ACS Applied Nano Materials*, **2020**, 3, 6636-6644	5.6	6
60	Hydrophobic and antireflective characteristics of thermally oxidized periodic Si surface nanostructures. *Applied Physics B: Lasers and Optics*, **2012**, 107, 409-414	1.9	6
59	Optimal design of nano-scale surface light trapping structures for enhancing light absorption in thin film photovoltaics. *Journal of Applied Physics*, **2013**, 114, 024305	2.5	6
58	Disordered antireflective subwavelength structures using Ag nanoparticles for GaN-based optical device applications. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 1342-5	1.3	6
57	Structural and optical properties of silicon by tilted angle evaporation. *Surface and Coatings Technology*, **2010**, 205, S447-S450	4.4	6
56	Stable single-mode operation of VCSELs with a mode selective aperture. *Applied Physics B: Lasers and Optics*, **2007**, 89, 231-234	1.9	6
55	Nanoporous GaN/n-type GaN: A Cathode Structure for ITO-Free Perovskite Solar Cells. *ACS Energy Letters*, **2020**, 5, 3295-3303	20.1	6
54	Fabrication of an oxide/metal/oxide structured electrode integrated with antireflective film to enhance performance in flexible organic light-emitting diodes. *Materials Today Energy*, **2021**, 20, 100704	7	6
53	Thermostat property of Janus emitter in enclosures. *Solar Energy Materials and Solar Cells*, **2021**, 230, 111173	6.4	6
52	Mapping the structural, electrical, and optical properties of hydrothermally grown phosphorus-doped ZnO nanorods for optoelectronic device applications. *Nanoscale Research Letters*, **2019**, 14, 110	5	5
51	Selective and Sensitive Photon Sieve Based on III-V Semiconductor Nanowire Forest Fabricated by Lithography-Free Process. *Advanced Optical Materials*, **2020**, 8, 2000198	8.1	5
50	Large-area grain-boundary-free copper films for plasmonics. *Applied Surface Science*, **2020**, 521, 146377	6.7	5
49	Shape-controllable, bottom-up fabrication of microlens using oblique angle deposition. *Optics Letters*, **2016**, 41, 3328-30	3	5
48	Self-Aligned Microlens-Integrated Vertical-Cavity Surface-Emitting Lasers. *IEEE Photonics Technology Letters*, **2006**, 18, 2203-2205	2.2	5
47	NFC-Based Wearable Optoelectronics Working with Smartphone Application for Untact Healthcare. *Sensors*, **2021**, 21,	3.8	5
46	Determining the Effectiveness of Radiative Cooler-Integrated Solar Cells. *Advanced Energy Materials*, **2022**, 12, 2103258	21.8	5

45	4 channel ×10 Gb/s bidirectional optical subassembly using silicon optical bench with precise passive optical alignment. *Optics Express*, **2016**, 24, 10777-85	3.3	4
44	Artificial Eyes: Bioinspired Artificial Eyes: Optic Components, Digital Cameras, and Visual Prostheses (Adv. Funct. Mater. 24/2018). *Advanced Functional Materials*, **2018**, 28, 1870168	15.6	4
43	Improved light extraction efficiency of GaN-based vertical LEDs using hierarchical micro/subwavelength structures. *Japanese Journal of Applied Physics*, **2015**, 54, 06FH02	1.4	4
42	Improved Light Absorption of GaInP/GaAs/Ge Solar Cell Modules With Micro/Nanoengineered Coverglasses. *IEEE Journal of Photovoltaics*, **2015**, 5, 1130-1136	3.7	4
41	Instant, multiscale dry transfer printing by atomic diffusion control at heterogeneous interfaces. *Science Advances*, **2021**, 7,	14.3	4
40	Theoretical analysis and experiment of subwavelength structure-integrated red AlGaInP light-emitting diodes for uniform field distribution and enhanced light extraction efficiency. *AIP Advances*, **2016**, 6, 035104	1.5	4
39	Ultra-thin and near-unity selective emitter for efficient cooling. *Optics Express*, **2021**, 29, 31364-31375	3.3	4
38	RCEPD With Enhanced Light Absorption by Crown-Shaped Quantum Well. *IEEE Photonics Technology Letters*, **2015**, 27, 2047-2050	2.2	3
37	Arthropod eye-inspired digital camera with unique imaging characteristics **2014**,		3
36	Artificially Engineered Compound Eye Sensing Systems **2017**, 157-174		3
35	High-speed characteristics of vertical cavity surface emitting lasers and resonant-cavity-enhanced photodetectors based on intracavity-contacted structure. *Applied Optics*, **2009**, 48, F11-7	0.2	3
34	High-Identical Numerical Aperture, Multifocal Microlens Array through Single-Step Multi-Sized Hole Patterning Photolithography. *Micromachines*, **2020**, 11,	3.3	3
33	Recent Advances in Vertically Aligned Nanowires for Photonics Applications. *Micromachines*, **2020**, 11,	3.3	3
32	The Facile Implementation of Soft/Tunable Multiband Optical Filters by Stacking Vertical Silicon Nanowire Arrays for Smart Sensing. *Advanced Intelligent Systems*, **2019**, 1, 1900072	6	3
31	Gires-Tournois immunoassay platform for label-free bright-field imaging and facile quantification of bioparticles.. *Advanced Materials*, **2022**, e2110003	24	3
30	Perovskite microcells fabricated using swelling-induced crack propagation for colored solar windows.. *Nature Communications*, **2022**, 13, 1946	17.4	3
29	Self-Cooling Gallium-Based Transformative Electronics with a Radiative Cooler for Reliable Stiffness Tuning in Outdoor Use. *Advanced Science*,2202549	13.6	3
28	Reflective displacement sensors with monolithically integrated VCSELs and RCEPDs. *Electronics Letters*, **2015**, 51, 782-783	1.1	2

27	Recent Approaches for Broadening the Spectral Bandwidth in Resonant Cavity Optoelectronic Devices. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-11	1	2
26	Effect of Al-doped ZnO film thickness on periodic GaAs subwavelength grating structures for photovoltaic device applications. *Materials Research Bulletin*, **2012**, 47, 2884-2887	5.1	2
25	Influence of etching process parameters on the antireflection property of Si SWSs by thermally dewetted Ag and Ag/SiO2 nanopatterns. *Physica Status Solidi (A) Applications and Materials Science*, **2011**, 208, 1902-1907	1.6	2
24	Bio-inspired and bio-integrated photonic materials and devices: feature issue introduction. *Optical Materials Express*, **2020**, 10, 155	2.6	2
23	3D super-resolved imaging in live cells using sub-diffractive plasmonic localization of hybrid nanopillar arrays. *Nanophotonics*, **2020**, 9, 2847-2859	6.3	2
22	Design of Bio-Inspired Morpho Butterfly Structures for Optical Sensor Applications. *Journal of the Korean Society for Precision Engineering*, **2016**, 33, 357-362	0.3	2
21	Functional photonic structures for external interaction with flexible/wearable devices. *Nano Research*, **2021**, 14, 2904-2918	10	2
20	Enhanced power generation in concentrated photovoltaics using broadband antireflective coverglasses with moth eye structures. *Optics Express*, **2012**, 20, A916-23	3.3	2
19	Parametric Studies on ArtificialMorphoButterfly Wing Scales for Optical Device Applications. *Journal of Nanomaterials*, **2015**, 2015, 1-7	3.2	1
18	Low thermal resistance, high-speed 980 nm asymmetric intracavity-contacted oxide-aperture VCSELs. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 1631-1635	1.6	1
17	High speed intracavity-contacted vertical cavity surface emitting lasers with separated quantum wells. *Optical and Quantum Electronics*, **2008**, 40, 1219-1225	2.4	1
16	Fabrication of Disordered Subwavelength Structures on Curved Surfaces by Using a Thermal Dewetting Process. *Applied Science and Convergence Technology*, **2015**, 24, 172-177	0.8	1
15	Comparison of Fabrication Methods Based on Nanoimprinting Lithography for Plasmonic Color Filter Fabrication. *Plasmonics*, **2020**, 15, 941-948	2.4	1
14	Colored, Covert Infrared Display through Hybrid Planar-Plasmonic Cavities. *Advanced Optical Materials*, **2021**, 9, 2100429	8.1	1
13	Optoelectronic devices for smart healthcare applications. *Annals of Hepato-biliary-pancreatic Surgery*, **2021**, 25, S28-S28	1.5	1
12	Luminescent coverglass for improved absorption efficiency in III-V photovoltaic modules. *Electronics Letters*, **2016**, 52, 1891-1892	1.1	1
11	Multilayer selective passive daytime radiative cooler optimization utilizing memetic algorithm. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 272, 107774	2.1	1
10	Spatially-Segmented Colored Radiative Cooler With Angle-Robustness. *IEEE Photonics Journal*, **2022**, 14, 1-6	1.8	1

9	Annealing-based manipulation of thermal phonon transport from light-emitting diodes to graphene. *Journal of Applied Physics*, **2021**, 130, 244303	2.5	1
8	Single-Material, Near-Infrared Selective Absorber Based on Refractive Index-Tunable Tamm Plasmon Structure. *Advanced Optical Materials*,2102388	8.1	0
7	Electrodes: Ferromagnetic, Folded Electrode Composite as a Soft Interface to the Skin for Long-Term Electrophysiological Recording (Adv. Funct. Mater. 40/2016). *Advanced Functional Materials*, **2016**, 26, 7280-7280	15.6	
6	Various Shaped Semiconductor Microlens Arrays Fabricated by Selective Oxidation of AlGaAs. *IEEE Photonics Technology Letters*, **2009**, 21, 1465-1467	2.2	
5	Fabrication of Gallium Phosphide Tapered Nanostructures on Selective Surfaces. *Applied Science and Convergence Technology*, **2014**, 23, 284-288	0.8	
4	Photon Sieving: Selective and Sensitive Photon Sieve Based on III-V Semiconductor Nanowire Forest Fabricated by Lithography-Free Process (Advanced Optical Materials 17/2020). *Advanced Optical Materials*, **2020**, 8, 2070070	8.1	
3	Colored, Covert Infrared Display through Hybrid Planar-Plasmonic Cavities (Advanced Optical Materials 17/2021). *Advanced Optical Materials*, **2021**, 9, 2170065	8.1	
2	Determining the Effectiveness of Radiative Cooler-Integrated Solar Cells (Adv. Energy Mater. 10/2022). *Advanced Energy Materials*, **2022**, 12, 2270040	21.8	
1	Single-Material, Near-Infrared Selective Absorber Based on Refractive Index-Tunable Tamm Plasmon Structure (Advanced Optical Materials 6/2022). *Advanced Optical Materials*, **2022**, 10, 2270022	8.1	