

# Ye Yu

## List of Publications by Year in descending order

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43  
papers

1,060  
citations

304743

22  
h-index

414414

32  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid- and far-infrared localized surface plasmon resonances in chalcogen-hyperdoped silicon. <i>Nanoscale</i> , 2022, 14, 2826-2836.	5.6	9
2	Plasmonic 3D Self-Folding Architectures via Vacuum Microforming. <i>Small</i> , 2022, 18, 2105843.	10.0	1
3	Large area multi-material-multi-photon 3D printing with fast in-situ material replacement. , 2021, , .		1
4	Demonstration of epitaxial growth of strain-relaxed GaN films on graphene/SiC substrates for long wavelength light-emitting diodes. <i>Light: Science and Applications</i> , 2021, 10, 117.	16.6	30
5	High-Performance Ultraviolet Light-Emitting Diodes Using n-ZnO/p-hBN/p-GaN Contact Heterojunctions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6788-6792.	8.0	23
6	Influences on Plasmon Resonance Linewidth in Metal-Insulator-Metal Structures Obtained via Colloidal Self-Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56281-56289.	8.0	3
7	Enhancement of MoTe <sub>2</sub> near-infrared absorption with gold hollow nanorods for photodetection. <i>Nano Research</i> , 2020, 13, 1636-1643.	10.4	21
8	Demonstration of N-Polar III-Nitride Tunnel Junction LED. <i>ACS Photonics</i> , 2020, 7, 1723-1728.	6.6	29
9	Graphene-Assisted Epitaxy of Nitrogen Lattice Polarity GaN Films on Non-Polar Sapphire Substrates for Green Light Emitting Diodes. <i>Advanced Functional Materials</i> , 2020, 30, 2001283.	14.9	41
10	Tackling the Scalability Challenge in Plasmonics by Wrinkle-Assisted Colloidal Self-Assembly. <i>Langmuir</i> , 2019, 35, 8629-8645.	3.5	26
11	Design and fabrication of double AlGaIn/GaN distributed Bragg reflector stack mirror for the application of GaN-based optoelectronic devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 3277-3282.	2.2	2
12	Growth of AlGaIn-based multiple quantum wells on SiC substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7756-7762.	2.2	2
13	AIE-Active Polyamide Containing Diphenylamine-TPE Moiety with Superior Electrofluorochromic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16105-16112.	8.0	81
14	Significantly improved surface morphology of N-polar GaN film grown on SiC substrate by the optimization of V/III ratio. <i>Applied Physics Letters</i> , 2018, 112, 151607.	3.3	19
15	Polarization-induced hole doping in N-polar III-nitride LED grown by metalorganic chemical vapor deposition. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	34
16	Simulation and fabrication of N-polar GaN-based blue-green light-emitting diodes with p-type AlGaIn electron blocking layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9321-9325.	2.2	8
17	Sub-10-nm suspended nano-web formation by direct laser writing. <i>Nano Futures</i> , 2018, 2, 025006.	2.2	26
18	Naked eye plasmonic indicator with multi-responsive polymer brush as signal transducer and amplifier. <i>Nanoscale</i> , 2017, 9, 1925-1933.	5.6	24

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19	Electroactive (A3+B2)-type hyperbranched polyimides with highly stable and multistage electrochromic behaviors. <i>Electrochimica Acta</i> , 2017, 256, 119-128.	5.2	36
20	Broad-Range Electrically Tunable Plasmonic Resonances of a Multilayer Coaxial Nanohole Array with an Electroactive Polymer Wrapper. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 35244-35252.	8.0	21
21	The growth optimization and mechanism of N-polar GaN films with an in situ porous SiN <sub>x</sub> interlayer. <i>CrystEngComm</i> , 2017, 19, 4330-4337.	2.6	10
22	Invertible Nanocup Array Supporting Hybrid Plasmonic Resonances. <i>Advanced Optical Materials</i> , 2016, 4, 906-916.	7.3	11
23	Stacking of colors in exfoliable plasmonic superlattices. <i>Nanoscale</i> , 2016, 8, 18228-18234.	5.6	27
24	From 1D to 3D: Tunable Sub-10 nm Gaps in Large Area Devices. <i>Advanced Materials</i> , 2016, 28, 2956-2963.	21.0	53
25	Large Area Plasmonic Color Palettes with Expanded Gamut Using Colloidal Self-Assembly. <i>ACS Photonics</i> , 2016, 3, 627-633.	6.6	81
26	Distorted colloidal arrays as designed template. <i>Nanotechnology</i> , 2015, 26, 035301.	2.6	7
27	Janus Si Micropillar Arrays with Thermal-Responsive Anisotropic Wettability for Manipulation of Microfluid Motions. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 376-382.	8.0	46
28	Responsive etalon based on PNIPAM@SiO <sub>2</sub> composite spacer with rapid response rate and excellent repeatability for sensing application. <i>Nanotechnology</i> , 2015, 26, 285501.	2.6	4
29	Confined surface plasmon sensors based on strongly coupled disk-in-volcano arrays. <i>Nanoscale</i> , 2015, 7, 2317-2324.	5.6	25
30	Plasmonic films based on colloidal lithography. <i>Advances in Colloid and Interface Science</i> , 2014, 206, 5-16.	14.7	70
31	Resonant Optical Transmission through Topologically Continuous Films. <i>ACS Nano</i> , 2014, 8, 1566-1575.	14.6	47
32	Nanotransfer printing of gold disk, ring and crescent arrays and their IR range optical properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2333.	5.5	28
33	Asymmetric half-cone/nanohole array films with structural and directional reshaping of extraordinary optical transmission. <i>Nanoscale</i> , 2014, 6, 8997-9005.	5.6	23
34	Anisotropic Janus Si nanopillar arrays as a microfluidic one-way valve for gas-liquid separation. <i>Nanoscale</i> , 2014, 6, 3846-3853.	5.6	35
35	Real-Time Control of Uni-Directional Liquid Spreading on a Half-Cone Nanoshell Array. <i>Scientific Reports</i> , 2014, 4, 6751.	3.3	13
36	Responsive Monochromatic Color Display Based on Nanovolcano Arrays. <i>Advanced Optical Materials</i> , 2013, 1, 724-731.	7.3	41

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37	Novel 3D Au nanohole arrays with outstanding optical properties. <i>Nanotechnology</i> , 2013, 24, 035303.	2.6	26
38	Controlled gradient colloidal photonic crystals and their optical properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 428, 9-17.	4.7	10
39	Morphology-controlled fabrication of elliptical nanoring arrays based on facile colloidal lithography. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1122-1129.	5.5	13
40	Fabrication of Binary and Ternary Hybrid Particles Based on Colloidal Lithography. <i>Chemistry of Materials</i> , 2012, 24, 4549-4555.	6.7	24
41	Ternary Asymmetric Particles with Controllable Patchiness. <i>Langmuir</i> , 2012, 28, 2382-2386.	3.5	12
42	Asymmetric microparticles and heterogeneous microshells via angled colloidal lithography. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 405, 51-58.	4.7	9
43	Synergistic enhancement of photoluminescent intensity in monolayer molybdenum disulfide embedded with plasmonic nanostructures for catalytic sensing. <i>2D Materials</i> , 0, , .	4.4	4