

Yue Li

List of Publications by Year in descending order

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141
papers

7,382
citations

47006

47
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147
all docs

147
docs citations

147
times ranked

9355
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Electronic Interaction in Dual-Cation-Incorporated NiSe ₂ Nanosheets with Lattice Distortion for Highly Efficient Overall Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1802121.	21.0	361
2	Hexagonal-Close-Packed, Hierarchical Amorphous TiO ₂ Nanocolumn Arrays: Transferability, Enhanced Photocatalytic Activity, and Superamphiphilicity without UV Irradiation. <i>Journal of the American Chemical Society</i> , 2008, 130, 14755-14762.	13.7	321
3	Superhydrophobic Bionic Surfaces with Hierarchical Microsphere/SWCNT Composite Arrays. <i>Langmuir</i> , 2007, 23, 2169-2174.	3.5	281
4	Ordered Micro/Nanostructured Arrays Based on the Monolayer Colloidal Crystals. <i>Chemistry of Materials</i> , 2008, 20, 615-624.	6.7	240
5	Single-Crystalline Rutile TiO ₂ Hollow Spheres: Room-Temperature Synthesis, Tailored Visible-Light-Extinction, and Effective Scattering Layer for Quantum Dot-Sensitized Solar Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 19102-19109.	13.7	224
6	High-Yield Synthesis of Single-Crystalline Gold Nano-octahedra. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3264-3268.	13.8	209
7	Black Gold: Plasmonic Colloidosomes with Broadband Absorption Self-Assembled from Monodispersed Gold Nanospheres by Using a Reverse Emulsion System. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9596-9600.	13.8	189
8	Phase Diagram, Design of Monolayer Binary Colloidal Crystals, and Their Fabrication Based on Ethanol-Assisted Self-Assembly at the Air/Water Interface. <i>ACS Nano</i> , 2012, 6, 6706-6716.	14.6	186
9	Mo doped Ni ₂ P nanowire arrays: an efficient electrocatalyst for the hydrogen evolution reaction with enhanced activity at all pH values. <i>Nanoscale</i> , 2017, 9, 16674-16679.	5.6	179
10	Superhydrophobicity of 2D ZnO ordered pore arrays formed by solution-dipping template method. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 634-639.	9.4	172
11	Physical processes-aided periodic micro/nanostructured arrays by colloidal template technique: fabrication and applications. <i>Chemical Society Reviews</i> , 2013, 42, 3614.	38.1	171
12	Silver Hierarchical Bowl-Like Array: Synthesis, Superhydrophobicity, and Optical Properties. <i>Langmuir</i> , 2007, 23, 9802-9807.	3.5	170
13	Materials, Structures, and Functions for Flexible and Stretchable Biomimetic Sensors. <i>Accounts of Chemical Research</i> , 2019, 52, 288-296.	15.6	157
14	Yin-Yang Harmony: Metal and Nonmetal Dual-Doping Boosts Electrocatalytic Activity for Alkaline Hydrogen Evolution. <i>ACS Energy Letters</i> , 2018, 3, 2750-2756.	17.4	154
15	Physical Deposition Improved SERS Stability of Morphology Controlled Periodic Micro/Nanostructured Arrays Based on Colloidal Templates. <i>Small</i> , 2015, 11, 844-853.	10.0	138
16	Periodic Porous Alloyed Au-Ag Nanosphere Arrays and Their Highly Sensitive SERS Performance with Good Reproducibility and High Density of Hotspots. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9792-9801.	8.0	138
17	Ultraviolet-light-emitting ZnO nanosheets prepared by a chemical bath deposition method. <i>Nanotechnology</i> , 2005, 16, 1734-1738.	2.6	124
18	Compositional engineering of sulfides, phosphides, carbides, nitrides, oxides, and hydroxides for water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13415-13436.	10.3	124

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19	Fast-Response, Sensitive and Low-Powered Chemosensors by Fusing Nanostructured Porous Thin Film and IDEs-Microheater Chip. <i>Scientific Reports</i> , 2013, 3, 1669.	3.3	121
20	Rapid Synthesis of Monodisperse Au Nanospheres through a Laser Irradiation-Induced Shape Conversion, Self-Assembly and Their Electromagnetic Coupling SERS Enhancement. <i>Scientific Reports</i> , 2015, 5, 7686.	3.3	114
21	Periodic one-dimensional nanostructured arrays based on colloidal templates, applications, and devices. <i>Coordination Chemistry Reviews</i> , 2011, 255, 357-373.	18.8	112
22	Cr-Dopant Induced Breaking of Scaling Relations in CoFe Layered Double Hydroxides for Improvement of Oxygen Evolution Reaction. <i>Small</i> , 2019, 15, e1902373.	10.0	111
23	Hierarchical hetero-Ni ₃ Se ₄ @NiFe LDH micro/nanosheets as efficient bifunctional electrocatalysts with superior stability for overall water splitting. <i>Nanoscale Horizons</i> , 2019, 4, 1132-1138.	8.0	100
24	Untraditional Approach to Complex Hierarchical Periodic Arrays with Ternary Stepwise Architectures of Micro-, Submicro-, and Nanosized Structures Based on Binary Colloidal Crystals and Their Fine Structure Enhanced Properties. <i>ACS Nano</i> , 2011, 5, 9403-9412.	14.6	94
25	Complete Au@ZnO core-shell nanoparticles with enhanced plasmonic absorption enabling significantly improved photocatalysis. <i>Nanoscale</i> , 2016, 8, 10774-10782.	5.6	94
26	Unconventional Method for Morphology-Controlled Carbonaceous Nanoarrays Based on Electron Irradiation of a Polystyrene Colloidal Monolayer. <i>ACS Nano</i> , 2008, 2, 1108-1112.	14.6	81
27	Spherical Nanoparticle Arrays with Tunable Nanogaps and Their Hydrophobicity Enhanced Rapid SERS Detection by Localized Concentration of Droplet Evaporation. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500031.	3.7	78
28	Porous zeolite imidazole framework-wrapped urchin-like Au-Ag nanocrystals for SERS detection of trace hexachlorocyclohexane pesticides via efficient enrichment. <i>Journal of Hazardous Materials</i> , 2019, 368, 429-435.	12.4	72
29	Growth of ZnO Nanoneedle Arrays with Strong Ultraviolet Emissions by an Electrochemical Deposition Method. <i>Crystal Growth and Design</i> , 2006, 6, 1091-1095.	3.0	68
30	Cu@ZnO Micro/Nanoporous Array-Based Chemosensors: New Sensing Properties to H ₂ S. <i>Chemistry - A European Journal</i> , 2014, 20, 6040-6046.	3.3	64
31	Leaf-like Tungsten Oxide Nanoplatelets Induced by Laser Ablation in Liquid and Subsequent Aging. <i>Crystal Growth and Design</i> , 2012, 12, 2646-2652.	3.0	62
32	Monodispersed Nb ₂ O ₅ Microspheres: Facile Synthesis, Air/Water Interfacial Self-Assembly, Nb ₂ O ₅ -Based Composite Films, and Their Selective NO ₂ Sensing. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500167.	3.7	62
33	Copper nanoparticle@graphene composite arrays and their enhanced catalytic performance. <i>Acta Materialia</i> , 2016, 105, 59-67.	7.9	62
34	Hierarchical micro/nanostructured C doped Co/Co ₃ O ₄ hollow spheres derived from PS@Co(OH) ₂ for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11163-11170.	10.3	61
35	Bilayer Au nanoparticle-decorated WO ₃ porous thin films: On-chip fabrication and enhanced NO ₂ gas sensing performances with high selectivity. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 192-200.	7.8	61
36	Cu-Doped CoP Nanorod Arrays: Efficient and Durable Hydrogen Evolution Reaction Electrocatalysts at All pH Values. <i>ACS Applied Energy Materials</i> , 2018, 1, 3835-3842.	5.1	58

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37	Trace detection of cyanide based on SERS effect of Ag nanoplate-built hollow microsphere arrays. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 435-441.	12.4	57
38	Selective adsorption of Ag (â€¦) from aqueous solutions using Chitosan/polydopamine@C@magnetic fly ash adsorbent beads. <i>Journal of Hazardous Materials</i> , 2020, 381, 120943.	12.4	56
39	Orthogonal Electric Control of the Out-of-Plane Field-Effect in 2D Ferroelectric In_2Se_3 . <i>Advanced Electronic Materials</i> , 2020, 6, 2000061.	5.1	56
40	Rapid and Efficient Self-Assembly of Au@ZnO Core-Shell Nanoparticle Arrays with an Enhanced and Tunable Plasmonic Absorption for Photoelectrochemical Hydrogen Generation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31897-31906.	8.0	53
41	Mn doped porous cobalt nitride nanowires with high activity for water oxidation under both alkaline and neutral conditions. <i>Chemical Communications</i> , 2017, 53, 13237-13240.	4.1	53
42	SERS-based ultrasensitive detection of organophosphorus nerve agents via substrate's surface modification. <i>Journal of Hazardous Materials</i> , 2017, 324, 194-202.	12.4	52
43	Standing Ag nanoplate-built hollow microsphere arrays: Controllable structural parameters and strong SERS performances. <i>Journal of Materials Chemistry</i> , 2012, 22, 3177.	6.7	51
44	Visualized optical sensors based on two/three-dimensional photonic crystals for biochemicals. <i>Science Bulletin</i> , 2016, 61, 1358-1371.	9.0	51
45	$\text{Ni}_{0.33}\text{Co}_{0.67}\text{MoS}_4$ nanosheets as a bifunctional electrolytic water catalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19555-19562.	10.3	50
46	Preparation of an antibacterial chitosan-coated biochar-nanosilver composite for drinking water purification. <i>Carbohydrate Polymers</i> , 2019, 219, 290-297.	10.2	50
47	Well-aligned zinc sulfide nanobelt arrays: Excellent field emitters. <i>Applied Physics Letters</i> , 2006, 89, 231928.	3.3	48
48	Hierarchical Pore Structures Fabricated by Electron Irradiation of Silicone Grease and their Applications to Superhydrophobic and Superhydrophilic Films. <i>Macromolecular Rapid Communications</i> , 2007, 28, 246-251.	3.9	48
49	Capillary Gradient-Induced Self-Assembly of Periodic Au Spherical Nanoparticle Arrays on an Ultralarge Scale via a Bisolvent System at Air/Water Interface. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600976.	3.7	48
50	Ultrasensitive and Stable Au Dimer-Based Colorimetric Sensors Using the Dynamically Tunable Gap-Dependent Plasmonic Coupling Optical Properties. <i>Advanced Functional Materials</i> , 2018, 28, 1707392.	14.9	48
51	Ultrathin, Stretchable, and Breathable Epidermal Electronics Based on a Facile Bubble Blowing Method. <i>Advanced Electronic Materials</i> , 2020, 6, 2000306.	5.1	48
52	Layer-controlled synthesis of WO_3 ordered nanoporous films for optimum electrochromic application. <i>Nanoscale</i> , 2013, 5, 2460.	5.6	46
53	A functional hydrogel film attached with a 2D Au nanosphere array and its ultrahigh optical diffraction intensity as a visualized sensor. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2117-2122.	5.5	45
54	Controlled synthesis of sponge-like porous Au-Ag alloy nanocubes for surface-enhanced Raman scattering properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11039-11045.	5.5	45

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55	Functionalized periodic Au@MOFs nanoparticle arrays as biosensors for dual-channel detection through the complementary effect of SPR and diffraction peaks. <i>Nano Research</i> , 2017, 10, 2257-2270.	10.4	44
56	PtPdAg Hollow Nanodendrites: Template-Free Synthesis and High Electrocatalytic Activity for Methanol Oxidation Reaction. <i>Small Methods</i> , 2020, 4, 1900709.	8.6	44
57	Morphology-controlled 2D ordered arrays by heating-induced deformation of 2D colloidal monolayer. <i>Journal of Materials Chemistry</i> , 2006, 16, 609-612.	6.7	43
58	Biaxially Strained MoS ₂ Nanoshells with Controllable Layers Boost Alkaline Hydrogen Evolution. <i>Advanced Materials</i> , 2022, 34, e2202195.	21.0	43
59	Au nanoparticle modified three-dimensional network PVA/RGO/TiO ₂ composite for enhancing visible light photocatalytic performance. <i>Applied Surface Science</i> , 2019, 498, 143855.	6.1	42
60	Hollow FeP/Fe ₃ O ₄ Hybrid Nanoparticles on Carbon Nanotubes as Efficient Electrocatalysts for the Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12783-12792.	8.0	41
61	Optical sensor based on hydrogel films with 2D colloidal arrays attached on both the surfaces: anti-curling performance and enhanced optical diffraction intensity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3659-3665.	5.5	40
62	Bifunctional Hybrid Ni/Ni ₂ P Nanoparticles Encapsulated by Graphitic Carbon Supported with N, S Modified 3D Carbon Framework for Highly Efficient Overall Water Splitting. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800473.	3.7	40
63	Engineering of the d-Band Center of Perovskite Cobaltite for Enhanced Electrocatalytic Oxygen Evolution. <i>ChemSusChem</i> , 2020, 13, 2671-2676.	6.8	39
64	Convective Self-Assembly of 2D Nonclose-Packed Binary Au Nanoparticle Arrays with Tunable Optical Properties. <i>Chemistry of Materials</i> , 2021, 33, 310-319.	6.7	38
65	Fabrication of silver nanoplate hierarchical turreted ordered array and its application in trace analyses. <i>Chemical Communications</i> , 2015, 51, 6609-6612.	4.1	36
66	Air-Liquid Interfacial Self-Assembly of Two-Dimensional Periodic Nanostructured Arrays. <i>ChemNanoMat</i> , 2019, 5, 1338-1360.	2.8	34
67	Laser-irradiation induced synthesis of spongy AuAgPt alloy nanospheres with high-index facets, rich grain boundaries and subtle lattice distortion for enhanced electrocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13735-13742.	10.3	32
68	Self-assembly of superstructures at all scales. <i>Matter</i> , 2021, 4, 927-941.	10.0	32
69	Gold quasi rod-shaped nanoparticle-built hierarchically micro/nanostructured pore array via clean electrodeposition on a colloidal monolayer and its structurally enhanced SERS performance. <i>Journal of Materials Chemistry</i> , 2011, 21, 8816.	6.7	30
70	Two-dimensional flower-shaped Au@Ag nanoparticle arrays as effective SERS substrates with high sensitivity and reproducibility for detection of thiram. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3838-3845.	5.5	29
71	One-Pot Synthesis of Ultrasoother, Precisely Shaped Gold Nanospheres via Surface Self-Polishing Etching and Regrowth. <i>Chemistry of Materials</i> , 2021, 33, 2593-2603.	6.7	29
72	Tungsten oxide nanostructures based on laser ablation in water and a hydrothermal route. <i>CrystEngComm</i> , 2014, 16, 2491-2498.	2.6	28

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73	Highly selective adsorption of hydroquinone by hydroxyethyl cellulose functionalized with magnetic/ionic liquid. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 957-964.	7.5	27
74	Highly Selective Biomimetic Flexible Tactile Sensor for Neuroprosthetics. <i>Research</i> , 2020, 2020, 8910692.	5.7	26
75	A controlled Ag@Au bimetallic nanoshelled microsphere array and its improved surface-enhanced Raman scattering effect. <i>RSC Advances</i> , 2014, 4, 8758.	3.6	25
76	Gold Binary-Structured Arrays Based on Monolayer Colloidal Crystals and Their Optical Properties. <i>Small</i> , 2014, 10, 2374-2381.	10.0	25
77	Surface enhanced Raman scattering properties of dynamically tunable nanogaps between Au nanoparticles self-assembled on hydrogel microspheres controlled by pH. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 467-475.	9.4	23
78	Temperature regulation growth of Au nanocrystals: from concave trisoctahedron to dendritic structures and their ultrasensitive SERS-based detection of lindane. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10399-10405.	5.5	23
79	Quantitative Surface-Enhanced Raman Spectroscopy for Field Detections Based on Structurally Homogeneous Silver-Coated Silicon Nanocone Arrays. <i>ACS Omega</i> , 2021, 6, 18928-18938.	3.5	22
80	Two-dimensional ordered polymer hollow sphere and convex structure arrays based on monolayer pore films. <i>Journal of Materials Research</i> , 2005, 20, 338-343.	2.6	21
81	Periodic nanostructured Au arrays on an Si electrode for high-performance electrochemical detection of hydrogen peroxide without an enzyme. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9864-9871.	5.5	21
82	Nanosecond-Laser-Based Charge Transfer Plasmon Engineering of Solution-Assembled Nanodimers. <i>Nano Letters</i> , 2018, 18, 7014-7020.	9.1	21
83	Large Area Cu ₂ S Particle-Stacked Nanorod Arrays by Laser Ablation in Liquid and Their Strong Structurally Enhanced and Stable Visible Photoelectric Performances. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19027-19036.	8.0	20
84	Fabrication of gold and silver hierarchically micro/nanostructured arrays by localized electrocrystallization for application as SERS substrates. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5709-5714.	5.5	19
85	Ultrathin and Isotropic Metal Sulfide Wrapping on Plasmonic Metal Nanoparticles for Surface Enhanced Raman Scattering-Based Detection of Trace Heavy-Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28145-28153.	8.0	19
86	Highly Selective and Sensitive Detection of Hydrogen Sulfide by the Diffraction Peak of Periodic Au Nanoparticle Array with Silver Coating. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40702-40710.	8.0	19
87	Aligned gold nanobowl arrays: their fabrication, anisotropic optical response and optical grating applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 51-57.	5.5	18
88	Decoration of Au Nanoparticles on MoS ₂ Nanospheres: From Janus to Core/Shell Structure. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8628-8636.	3.1	18
89	MnMoO ₄ nanosheet array: an efficient electrocatalyst for hydrogen evolution reaction with enhanced activity over a wide pH range. <i>Nanotechnology</i> , 2018, 29, 335403.	2.6	17
90	Ultrasensitive surface-enhanced Raman spectroscopy detection of gaseous sulfur-mustard simulant based on thin oxide-coated gold nanocone arrays. <i>Journal of Hazardous Materials</i> , 2021, 420, 126668.	12.4	17

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91	Nanoscaled Amorphous TiO ₂ Hollow Spheres: TiCl ₄ Liquid Droplet-Based Hydrolysis Fabrication and Strong Hollow Structure-Enhanced Surface-Enhanced Raman Scattering Effects. <i>Langmuir</i> , 2017, 33, 5430-5438.	3.5	16
92	Ultra-fast synthesis of water soluble MoO ₃ ·x quantum dots with controlled oxygen vacancies and their near infrared fluorescence sensing to detect H ₂ O ₂ . <i>Nanoscale Horizons</i> , 2020, 5, 1538-1543.	8.0	16
93	Au Polyhedron Array with Tunable Crystal Facets by PVP-Assisted Thermodynamic Control and Its Sharp Shape As Well As High-Energy Exposed Planes Co-Boosted SERS Activity. <i>Small</i> , 2022, 18, e2105045.	10.0	16
94	A coordination and ligand replacement based three-input colorimetric logic gate sensing platform for melamine, mercury ions, and cysteine. <i>RSC Advances</i> , 2015, 5, 59106-59113.	3.6	15
95	Detection of dimethyl methylphosphonate by thin water film confined surface-enhanced Raman scattering method. <i>Journal of Hazardous Materials</i> , 2016, 303, 94-100.	12.4	15
96	Onion-Structured Spherical MoS ₂ Nanoparticles Induced by Laser Ablation in Water and Liquid Droplets' Radial Solidification/Oriented Growth Mechanism. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23233-23239.	3.1	15
97	Bionic PDMS film with hybrid superhydrophilic/superhydrophobic arrays for water harvest. <i>Surface Innovations</i> , 2018, 6, 141-149.	2.3	15
98	Large-Scale Synthesis of Co/CoO Encapsulated in Nitrogen-, Oxygen-, and Sulfur-Tridoped Three-Dimensional Porous Carbon as Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 6250-6259.	5.1	15
99	A universal route with fine kinetic control to a family of penta-twinned gold nanocrystals. <i>Chemical Science</i> , 2021, 12, 12631-12639.	7.4	15
100	Synthesis of nano-cubic ZnSn(OH) ₃ based on stannate reaction with liquid laser ablation-induced ZnO below room temperature. <i>CrystEngComm</i> , 2013, 15, 6159.	2.6	14
101	N-doping nanoporous carbon microspheres derived from MOFs for highly efficient removal of formaldehyde. <i>Nanotechnology</i> , 2019, 30, 105702.	2.6	14
102	Ultrathin Hexagonal PbO Nanosheets Induced by Laser Ablation in Water for Chemically Trapping Surface-Enhanced Raman Spectroscopy Chips and Detection of Trace Gaseous H ₂ S. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23330-23339.	8.0	14
103	Influence of dielectrics with light absorption on the photonic bandgap of porous alumina photonic crystals. <i>Nano Research</i> , 2016, 9, 703-712.	10.4	13
104	Strong SERS Performances of Ultrathin Co(OH) ₂ Nanosheets to the Toxic Organophosphorus Molecules and Hydrogen Bond-Induced Charge Transfer Mechanism. <i>Advanced Materials Interfaces</i> , 2018, 5, 1700709.	3.7	13
105	Hydrogel Film@Au Nanoparticle Arrays Based on Self-Assembly Co-Assisted by Electrostatic Attraction and Hydrogel Shrinkage for SERS Detection with Active Gaps. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101055.	3.7	13
106	Stretchable multifunctional hydrogels for sensing electronics with effective EMI shielding properties. <i>Soft Matter</i> , 2021, 17, 9057-9065.	2.7	13
107	Fabrication of Ag-nanosheets-built micro/nanostructured arrays via <i>in situ</i> conversion on Cu ₂ O-coated Si nanocone platform and their highly structurally-enhanced SERS effect. <i>Nanotechnology</i> , 2019, 30, 345302.	2.6	12
108	Ultrathin layer solid transformation-enabled-surface enhanced Raman spectroscopy for trace harmful small gaseous molecule detection. <i>Nanoscale Horizons</i> , 2020, 5, 739-746.	8.0	11

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109	Wettability and Superhydrophobicity of 2-D Ordered Nano-structured Arrays Based on Colloidal Monolayers. <i>Journal of Adhesion Science and Technology</i> , 2008, 22, 1949-1965.	2.6	10
110	Hierarchical ZnO films with microplate/nanohole structures induced by precursor concentration and colloidal templates, their superhydrophobicity, and enhanced photocatalytic performance. <i>Journal of Materials Research</i> , 2014, 29, 115-122.	2.6	10
111	Ultrathin Oxide Layer-Wrapped Noble Metal Nanoparticles via Colloidal Electrostatic Self-Assembly for Efficient and Reusable Surface Enhanced Raman Scattering Substrates. <i>Langmuir</i> , 2017, 33, 12934-12942.	3.5	10
112	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. <i>Angewandte Chemie</i> , 2019, 131, 806-810.	2.0	10
113	A novel process to prepare a thin silica shell on the PDDA-stabilized spherical Au nanoparticles assisted by UV light irradiation. <i>RSC Advances</i> , 2014, 4, 64668-64674.	3.6	9
114	One-Step and Surfactant-Free Fabrication of Gold Nanoparticle-Decorated Bismuth Oxychloride Nanosheets Based on Laser Ablation in Solution and Their Enhanced Visible-Light Plasmonic Photocatalysis. <i>ChemPhysChem</i> , 2017, 18, 1146-1154.	2.1	9
115	Conductometric Response-Triggered Surface-Enhanced Raman Spectroscopy for Accurate Gas Recognition and Monitoring Based on Oxide-wrapped Metal Nanoparticles. <i>ACS Sensors</i> , 2020, 5, 1641-1649.	7.8	9
116	Design and fabrication of ZnO/Ni heterogeneous binary arrays with selective control of structure, size and distance via stepwise colloidal lithography. <i>RSC Advances</i> , 2013, 3, 14829.	3.6	8
117	Gold nanoshell arrays-based visualized sensors of pH: Facile fabrication and high diffraction intensity. <i>Journal of Materials Research</i> , 2017, 32, 717-725.	2.6	8
118	Optical sensing properties of Au nanoparticle/hydrogel composite microbeads using droplet microfluidics. <i>Nanotechnology</i> , 2017, 28, 405502.	2.6	8
119	Kinetically-Controlled Growth of Chestnut-Like Au Nanocrystals with High-Density Tips and Their High SERS Performances on Organochlorine Pesticides. <i>Nanomaterials</i> , 2018, 8, 560.	4.1	7
120	Enhanced oxygen evolution catalytic activity of NiS ₂ by coupling with ferrous phosphite and phosphide. <i>Sustainable Energy and Fuels</i> , 2021, 5, 1801-1808.	4.9	7
121	3-Acrylamidophenylboronic Acid-Modified Hydrogel Film Attached to a Gold Nanosphere Array to Detect Hydrofluoric Acid with Good Selectivity and Recyclability. <i>ChemNanoMat</i> , 2018, 4, 165-169.	2.8	6
122	Optimal Excitation Wavelength for Surface-Enhanced Raman Spectroscopy: The Role of Chemical Interface Damping. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11014-11021.	4.6	6
123	Electrostatic self-assembly of 2D Janus PS@Au nanoraspberry photonic-crystal array with enhanced near-infrared SERS activity. <i>Materials Advances</i> , 2022, 3, 1512-1517.	5.4	5
124	Microporous-Ceria-Wrapped Gold Nanoparticles for Conductometric and SERS Dual Monitoring of Hazardous Gases at Room Temperature. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	5
125	Flourish of Proton and Carbon Ion Radiotherapy in China. <i>Frontiers in Oncology</i> , 2022, 12, 819905.	2.8	5
126	Unconventional lithography for patterned nanomaterials. <i>Nanotechnology</i> , 2017, 28, 500201.	2.6	4

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127	A sensitive colorimetric chiral recognition for thiol-containing amino acids based on NIR plasmonic MoO ₃ nanoparticles. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11091-11097.	5.5	3
128	High-Performance Aqueous Zn Battery Based on MoS ₂ -Loaded MnO ₂ @Carbon Aerogel. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11114-11121.	4.6	3
129	Monodispersed Particles: Monodispersed Nb ₂ O ₅ Microspheres: Facile Synthesis, Air/Water Interfacial Self-Assembly, Nb ₂ O ₅ -Based Composite Films, and Their Selective NO ₂ Sensing (<i>Adv. Mater. Interfaces</i> 11/2015). <i>Advanced Materials Interfaces</i> , 2015, 2, .	3.7	2
130	Abnormally Weak Surface-Enhanced Raman Scattering Activity of Tip-Rich Au Nanostars: The Role of Interfacial Defects. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2428-2433.	4.6	2
131	Hydrogel Responsive Nanomaterials for Colorimetric Chemical Sensors. <i>Springer Series in Materials Science</i> , 2020, , 165-196.	0.6	1
132	The influence of beam delivery uncertainty on dose uniformity and penumbra for pencil beam scanning in carbon-ion radiotherapy. <i>PLoS ONE</i> , 2021, 16, e0249452.	2.5	1
133	Bamboo-Shaped Carbon Nanotubes on Coal Fly Ash Cenospheres for Pb(II) Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5089-5095.	0.9	1
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