

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140 papers	4,624 citations	34 h-index	65 g-index
147 ext. papers	5,723 ext. citations	6.1 avg, IF	5.81 L-index

#	Paper	IF	Citations
140	Pseudocapacitive Na-Ion Storage Boosts High Rate and Areal Capacity of Self-Branched 2D Layered Metal Chalcogenide Nanoarrays. <i>ACS Nano</i> , 2016 , 10, 10211-10219	16.7	702
139	Graphene quantum dots coated VO ₂ arrays for highly durable electrodes for Li and Na ion batteries. <i>Nano Letters</i> , 2015 , 15, 565-73	11.5	417
138	A High-Rate and Stable Quasi-Solid-State Zinc-Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. <i>Advanced Materials</i> , 2018 , 30, e1803181	24	389
137	Role of Chemical Potential in Flake Shape and Edge Properties of Monolayer MoS ₂ . <i>Journal of Physical Chemistry C</i> , 2015 , 119, 4294-4301	3.8	141
136	The capacity fading mechanism and improvement of cycling stability in MoS ₂ -based anode materials for lithium-ion batteries. <i>Nanoscale</i> , 2016 , 8, 2918-26	7.7	132
135	Sodium Vanadium Fluorophosphates (NVOPF) Array Cathode Designed for High-Rate Full Sodium Ion Storage Device. <i>Advanced Energy Materials</i> , 2018 , 8, 1800058	21.8	124
134	Atomic Mechanism of Electrocatalytically Active Co-N Complexes in Graphene Basal Plane for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27405-13	9.5	111
133	C-Plasma of Hierarchical Graphene Survives SnS Bundles for Ultrastable and High Volumetric Na-Ion Storage. <i>Advanced Materials</i> , 2018 , 30, e1804833	24	98
132	Dual-Band Luminescent Lead-Free Antimony Chloride Halides with Near-Unity Photoluminescence Quantum Efficiency. <i>Chemistry of Materials</i> , 2019 , 31, 9363-9371	9.6	94
131	Intriguing electronic and optical properties of two-dimensional Janus transition metal dichalcogenides. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 18571-18578	3.6	93
130	Unraveling the Potassium Storage Mechanism in Graphite Foam. <i>Advanced Energy Materials</i> , 2019 , 9, 1900579	21.8	86
129	Layer-dependent dopant stability and magnetic exchange coupling of iron-doped MoS ₂ nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7534-41	9.5	74
128	Borophene as Efficient Sulfur Hosts for Lithium-Sulfur Batteries: Suppressing Shuttle Effect and Improving Conductivity. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 15549-15555	3.8	74
127	Rapid qualitative and quantitative determination of food colorants by both Raman spectra and Surface-enhanced Raman Scattering (SERS). <i>Food Chemistry</i> , 2018 , 241, 427-433	8.5	73
126	Double-Shelled Phosphorus and Nitrogen Codoped Carbon Nanospheres as Efficient Polysulfide Mediator for High-Performance Lithium-Sulfur Batteries. <i>Advanced Science</i> , 2018 , 5, 1800621	13.6	65
125	Unveiling the Growth Mechanism of MoS ₂ with Chemical Vapor Deposition: From Two-Dimensional Planar Nucleation to Self-Seeding Nucleation. <i>Crystal Growth and Design</i> , 2018 , 18, 1012-1019	3.5	63
124	Ni-Co selenide nanowires supported on conductive wearable textile as cathode for flexible battery-supercapacitor hybrid devices. <i>Chemical Engineering Journal</i> , 2020 , 400, 125955	14.7	61

123	Pressure-Engineered Structural and Optical Properties of Two-Dimensional (CHNH)PbI Perovskite Exfoliated nm-Thin Flakes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1235-1241	16.4	61
122	Pressure-induced phase transition and elastic properties of TiO ₂ polymorphs. <i>Physica Status Solidi (B): Basic Research</i> , 2009 , 246, 2132-2139	1.3	56
121	Co ²⁺ /3+/4+-Regulated Electron State of Mn-O for Superb Aqueous Zinc-Manganese Oxide Batteries. <i>Advanced Energy Materials</i> , 2021 , 11, 2003203	21.8	54
120	First-Principles Study on the Synergistic Mechanism of SnO ₂ and Graphene As a Lithium Ion Battery Anode. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23-27	3.8	50
119	Unveiling the atomic structure and electronic properties of atomically thin boron sheets on an Ag(111) surface. <i>Nanoscale</i> , 2016 , 8, 16284-16291	7.7	50
118	Highly Efficient Lead-Free (Bi,Ce)-Codoped Cs ₂ Ag _{0.4} Na _{0.6} InCl ₆ Double Perovskites for White Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2020 , 32, 7814-7821	9.6	49
117	MoS ₂ architectures supported on graphene foam/carbon nanotube hybrid films: highly integrated frameworks with ideal contact for superior lithium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17534-17543	13	47
116	Effect of the Phosphor Geometry on the Luminous Flux of Phosphor-Converted Light-Emitting Diodes. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 1765-1767	2.2	46
115	High conductivity Ni ₁₂ P ₅ nanowires as high-rate electrode material for battery-supercapacitor hybrid devices. <i>Chemical Engineering Journal</i> , 2020 , 392, 123661	14.7	46
114	Is borophene a suitable anode material for sodium ion battery?. <i>Journal of Alloys and Compounds</i> , 2017 , 704, 152-159	5.7	44
113	Design of a silver nanoparticle for sensitive surface enhanced Raman spectroscopy detection of carmine dye. <i>Food Chemistry</i> , 2017 , 237, 974-980	8.5	44
112	Fabrication of flower-like silver nanostructures for rapid detection of caffeine using surface enhanced Raman spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2016 , 231, 423-430	8.5	44
111	Preparation of SERS-active substrates based on graphene oxide/silver nanocomposites for rapid detection of l-Theanine. <i>Food Chemistry</i> , 2017 , 217, 511-516	8.5	42
110	Electrocatalytic Activity and Design Principles of Heteroatom-Doped Graphene Catalysts for Oxygen-Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 14434-14442	3.8	41
109	Metal-organic framework-derived high conductivity Fe ₃ C with porous carbon on graphene as advanced anode materials for aqueous battery-supercapacitor hybrid devices. <i>Journal of Power Sources</i> , 2020 , 448, 227403	8.9	40
108	The effect of solvent environment toward optimization of SERS sensors for pesticides detection from chemical enhancement aspects. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 721-728	8.5	38
107	Atomic-Layer-Deposited Amorphous MoS ₂ for Durable and Flexible LiO ₂ Batteries. <i>Small Methods</i> , 2020 , 4, 1900274	12.8	34
106	Ultra-long life nickel nanowires@nickel-cobalt hydroxide nanoarrays composite pseudocapacitive electrode: Construction and activation mechanism. <i>Electrochimica Acta</i> , 2018 , 259, 303-312	6.7	33

105	Design rules of heteroatom-doped graphene to achieve high performance lithium-sulfur batteries: Both strong anchoring and catalysing based on first principles calculation. <i>Journal of Colloid and Interface Science</i> , 2018 , 529, 426-431	9.3	33
104	On the luminance saturation of phosphor-in-glass (PiG) films for blue-laser-driven white lighting: Effects of the phosphor content and the film thickness. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 1909-1917	6	33
103	Two-dimensional silicene nucleation on a Ag(111) surface: structural evolution and the role of surface diffusion. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 304-10	3.6	28
102	Analysis of the sinusoidal nanopatterning grating structure. <i>Optics and Laser Technology</i> , 2013 , 48, 160-166	4.6	28
101	Nitrogen configuration dependent holey active sites toward enhanced K ⁺ storage in graphite foam. <i>Journal of Power Sources</i> , 2019 , 419, 82-90	8.9	27
100	Fe, N co-doped graphene as a multi-functional anchor material for lithium-sulfur battery. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 126, 280-286	3.9	27
99	Defect Passivation and Photoluminescence Enhancement of Monolayer MoS Crystals through Sodium Halide-Assisted Chemical Vapor Deposition Growth. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9563-9571	9.5	26
98	Electronic and magnetic properties of germanene: Surface functionalization and strain effects. <i>Solid State Communications</i> , 2016 , 226, 19-24	1.6	26
97	Facile Reduction Method Synthesis of Defective MoO Nanospheres Used for SERS Detection with High Chemical Enhancement. <i>Analytical Chemistry</i> , 2019 , 91, 8683-8690	7.8	24
96	Interface effect on electronic and optical properties of antimonene/GaAs van der Waals heterostructures. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9687-9693	7.1	24
95	Space-confinement and chemisorption co-involved in encapsulation of sulfur for lithium-sulfur batteries with exceptional cycling stability. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24602-24611	13	23
94	Thickness-Dependent Phase Stability and Electronic Properties of GaN Nanosheets and MoS ₂ /GaN van der Waals Heterostructures. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 3861-3867	3.8	23
93	Structural stability and magnetism of γ -Fe ₄ N and CoFe ₃ N compounds. <i>Journal of Alloys and Compounds</i> , 2009 , 480, 475-480	5.7	22
92	Interface Synergistic Effect from Layered Metal Sulfides of MoS ₂ /SnS ₂ van der Waals Heterojunction with Enhanced Li-Ion Storage Performance. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24600-24608	3.8	22
91	Structural, electronic, and optical properties of hydrogenated few-layer silicene: Size and stacking effects. <i>Journal of Applied Physics</i> , 2013 , 114, 094308	2.5	20
90	Synergistic effects of semiconductor substrate and noble metal nano-particles on SERS effect both theoretical and experimental aspects. <i>Applied Surface Science</i> , 2018 , 436, 367-372	6.7	20
89	First-principles explorations of Li ₂ S@V ₂ CT _x hybrid structure as cathode material for lithium-sulfur battery. <i>Applied Surface Science</i> , 2019 , 489, 677-683	6.7	19
88	Hole-matrixed carbonylated graphene: Synthesis, properties, and highly-selective ammonia gas sensing. <i>Carbon</i> , 2021 , 172, 236-247	10.4	19

87	Structural stability, electronic and magnetic properties of MoS ₂ quantum dots based on the first principles. <i>Solid State Communications</i> , 2015 , 218, 25-30	1.6	18
86	Electronic Structure and Optical Properties of Vacancy-Ordered Double Perovskites Cs ₂ PdBr ₃ Cl ₆ by First-Principles Calculation. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 13310-13315	3.8	18
85	Hierarchical MoO ₃ /SnS core-shell nanowires with enhanced electrochemical performance for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 17171-17179	3.6	18
84	The half metallic property and electronic structure of the Ti doped ALP systems investigated by first principle. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 355, 295-299	2.8	18
83	Half-metallic ferromagnetism in Ca-doped AlN from first-principles study. <i>Solid State Communications</i> , 2008 , 147, 254-257	1.6	18
82	Doping properties of MoS ₂ /ZnO (0001) heterojunction ruled by interfacial micro-structure: From first principles. <i>Solid State Communications</i> , 2015 , 204, 67-71	1.6	17
81	Design of highly efficient transmission gratings with deep etched triangular grooves. <i>Applied Optics</i> , 2012 , 51, 7920-33	1.7	17
80	Effect of Molecular Passivation on the Doping of InAs Nanowires. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 17928-17933	3.8	16
79	Self-assembled "bridge" substance for organochlorine pesticides detection in solution based on Surface Enhanced Raman Scattering. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121023	12.8	16
78	Qualitative and quantitative determination of coumarin using surface-enhanced Raman spectroscopy coupled with intelligent multivariate analysis. <i>RSC Advances</i> , 2017 , 7, 49097-49101	3.7	15
77	Role of Chemical Potential in Tuning Equilibrium Crystal Shape and Electronic Properties of Wurtzite GaAs Nanowires. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23349-23356	3.8	15
76	Favorable anion adsorption/desorption of high rate NiSe ₂ nanosheets/hollow mesoporous carbon for battery-supercapacitor hybrid devices. <i>Nano Research</i> , 2021 , 14, 2574-2583	10	15
75	Vibrational (FT-IR, Raman) analysis of tea catechins based on both theoretical calculations and experiments. <i>Biophysical Chemistry</i> , 2020 , 256, 106282	3.5	14
74	Simultaneous Immobilization and Conversion of Polysulfides on Co ₃ O ₄ @CoN Heterostructured Mediators toward High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2570-2578	6.1	13
73	Tailoring electronic properties of InAs nanowires by surface functionalization. <i>Journal of Applied Physics</i> , 2011 , 110, 103713	2.5	13
72	A balsam pear-shaped CuO SERS substrate with highly chemical enhancement for pesticide residue detection. <i>Mikrochimica Acta</i> , 2020 , 187, 335	5.8	12
71	One-pot solvothermal method to fabricate 1D-VS ₄ nanowires as anode materials for lithium ion batteries. <i>Inorganic Chemistry Communication</i> , 2020 , 115, 107883	3.1	12
70	Detection of systemic pesticide residues in tea products at trace level based on SERS and verified by GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7187-7196	4.4	12

69	Impact of Surface Point Defects on Electronic Properties and p-Type Doping of GaAs Nanowires. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 22088-22095	3.8	11
68	Catalytic Oxidation of KS via Atomic Co and Pyridinic N Synergy in Potassium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16902-16907	16.4	11
67	Unveiling the growth mechanism of SiO ₂ /Ag hybrid nanospheres and using for Surface Enhanced Raman Scattering detection. <i>Applied Surface Science</i> , 2019 , 463, 115-120	6.7	10
66	Enhancement of the accuracy of the simplified modal method for designing a subwavelength triangular grooves grating. <i>Optics Letters</i> , 2013 , 38, 10-2	3	10
65	Non-isothermal kinetics of styreneButadieneEtyrene asphalt combustion. <i>Chinese Physics B</i> , 2013 , 22, 068801	1.2	10
64	Electron-injection driven phase transition in two-dimensional transition metal dichalcogenides. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4432-4440	7.1	10
63	Revealing the Magnesium-Storage Mechanism in Mesoporous Bismuth via Spectroscopy and Ab-Initio Simulations. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21728-21735	16.4	10
62	Hollow CoP nanoparticles embedded in TwoDimensional NDoped carbon arrays enabling advanced LiBeS2 batteries with rapid kinetics. <i>Materials Today Energy</i> , 2020 , 17, 100423	7	9
61	Crystal Phase and Facet Effects on the Structural Stability and Electronic Properties of GaP Nanowires. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 12030-12036	3.8	8
60	ZrO ₂ @2 Sandwich Structure with High SERS Enhancement Effect and Stability. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25967-25974	3.8	8
59	Ag@MIL-101(Cr) Film Substrate with High SERS Enhancement Effect and Uniformity. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 7297-7304	3.8	8
58	Enhanced Luminescence in the SrMgAl ₁₀ O ₁₇ : Eu ²⁺ Blue Phosphor Prepared by a Hybrid Urea-Sol Combustion Route. <i>International Journal of Applied Ceramic Technology</i> , 2016 , 13, 185-190	2	8
57	Semiconducting edges and flake-shape evolution of monolayer GaSe: role of edge reconstructions. <i>Nanoscale</i> , 2018 , 10, 12133-12140	7.7	7
56	First principles study on molecule doping in MoS ₂ monolayer. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014 , 63, 117101	0.6	7
55	2D-VN MXene as a novel anode material for Li, Na and K ion batteries: Insights from the first-principles calculations. <i>Journal of Colloid and Interface Science</i> , 2021 , 593, 51-58	9.3	7
54	SERS-based vibration model and trace detection of drug molecules: Theoretical and experimental aspects. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 215, 168-175	4.4	7
53	A facile seed growth method to prepare stable Ag@ZrO core-shell SERS substrate with high stability in extreme environments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117676	4.4	7
52	Crystal facet effect on structural stability and electronic properties of wurtzite InP nanowires. <i>Journal of Applied Physics</i> , 2014 , 115, 214301	2.5	6

51	Doping-induced polymorph transformation to boost ultrafast sodium storage in hierarchical CoSe ₂ -carbon arrays. <i>Materials Today Energy</i> , 2021 , 20, 100631	7	6
50	Preparation of CeO ₂ nanorods-reduced graphene oxide hybrid nanostructure with highly enhanced decolorization performance. <i>Applied Surface Science</i> , 2020 , 499, 143939	6.7	6
49	Controllable Self-Assembly of SERS Hotspots in Liquid Environment. <i>Langmuir</i> , 2021 , 37, 939-948	4	6
48	Synergistic enhancement effect of MoO@Ag hybrid nanostructures for boosting selective detection sensitivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 241, 118611	4.4	5
47	The influence of unintentional Au impurities on the doping properties of Si nanowires. <i>Solid State Communications</i> , 2014 , 183, 8-12	1.6	5
46	Band-offset effect on localization of carriers and p-type doping of InAs/GaAs core-shell nanowires. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 1464-1468	2.3	5
45	Vacancy effect on the doping of silicon nanowires: A first-principles study. <i>Chinese Physics B</i> , 2014 , 23, 067304	1.2	5
44	Rapid field trace detection of pesticide residue in food based on surface-enhanced Raman spectroscopy. <i>Mikrochimica Acta</i> , 2021 , 188, 370	5.8	5
43	SERS based determination of vanillin and its methyl and ethyl derivatives using flower-like silver nanoparticles on a silicon wafer. <i>Mikrochimica Acta</i> , 2019 , 186, 302	5.8	4
42	Preparation and characterization of high uniformity zinc oxide nanosheets. <i>Frontiers of Optoelectronics</i> , 2014 , 7, 509-512	2.8	4
41	Defect-induced ferromagnetism in rutile TiO ₂ : A first-principles study. <i>Chinese Physics B</i> , 2013 , 22, 127101	1.1	4
40	Effect of surface passivation on optical and electronic properties of ultrathin silicon nanosheets. <i>Science China Information Sciences</i> , 2012 , 55, 1469-1474	3.4	4
39	Fringe-induced barrier lowering (FIBL) included sub-threshold swing model for double-gate MOSFETs. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 215109	3	4
38	Intrinsic Polarization-Induced Enhanced Ferromagnetism and Self-Doped p-n Junctions in CrBr/GaN van der Waals Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8764-8773	9.5	4
37	Synthesis and characterization of flower-like MoS ₂ microspheres by hydrothermal method. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 016102	0.6	4
36	Intriguing electronic structures and carrier mobilities of two-dimensional GaN nanosheets: Thickness and surface effects. <i>Computational Materials Science</i> , 2020 , 172, 109337	3.2	4
35	A reverse-design-strategy for C@Li ₃ VO ₄ nanoflakes toward superb high-rate Li-ion storage. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 17270-17280	13	4
34	Staging: Unraveling the Potassium Storage Mechanism in Graphite Foam (Adv. Energy Mater. 22/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1970081	21.8	3

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| 33 | Highly sensitivity and homogeneous SERS platforms based on 3D-GNF/AgNPs hybrid structures. <i>Materials Research Express</i> , 2019 , 6, 055033 | 1.7 | 3 |
| 32 | Intrinsic point defects in lead-free organic inorganic hybrid double perovskite (OIHPD) (MA) ₂ KBiCl ₆ . <i>Organic Electronics</i> , 2020 , 81, 105668 | 3.5 | 3 |
| 31 | An optimal spectral model for phosphor-converted white light-emitting diodes used in the mesopic vision. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 260-266 | 3.8 | 3 |
| 30 | Analysis of the transmission characteristics of an internal reflection microstructure grating. <i>Journal of Modern Optics</i> , 2012 , 59, 1772-1785 | 1.1 | 3 |
| 29 | Microwave properties and surface topography of soft magnetic films with high resistivity. <i>Chinese Physics B</i> , 2009 , 18, 2063-2067 | 1.2 | 3 |
| 28 | Sulfur-Driven Transition from Vertical to Lateral Growth of 2D SnS ₂ /SnS ₂ Heterostructures and Their Band Alignments. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 27820-27828 | 3.8 | 3 |
| 27 | Intelligent spectral algorithm for pigments visualization, classification and identification based on Raman spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 250, 119390 | 4.4 | 3 |
| 26 | Electronic and optical properties of layered Ruddlesden Popper hybrid X ₂ (MA) _{n-1} Sn _n I _{3n+1} perovskite insight by first principles. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 144, 109510 | 3.9 | 3 |
| 25 | Controllable droplet breakup in microfluidic devices via hydrostatic pressure. <i>Chemical Engineering Science</i> , 2020 , 226, 115856 | 4.4 | 2 |
| 24 | Numerical calculation of the accuracy of approximate analysis methods for binary rectangular groove diffraction phase grating. <i>Optical Engineering</i> , 2012 , 51, 128001 | 1.1 | 2 |
| 23 | First principles study on organic cation A-site doping in CsPbI ₃ perovskite. <i>Computational Materials Science</i> , 2022 , 203, 111090 | 3.2 | 2 |
| 22 | G-Si C as an anode material for potassium-ion batteries insight from first principles. <i>Materials Chemistry and Physics</i> , 2021 , 266, 124541 | 4.4 | 2 |
| 21 | A Review of Chinese Raman Spectroscopy Research Over the Past Twenty Years. <i>Applied Spectroscopy</i> , 2020 , 74, 130-159 | 3.1 | 2 |
| 20 | Raman spectrum classification based on transfer learning by a convolutional neural network: Application to pesticide detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 265, 120366 | 4.4 | 2 |
| 19 | Fabrication of magnetic Au/Fe ₃ O ₄ /MIL-101(Cr) (AF-MIL) as sensitive surface-enhanced Raman spectroscopy (SERS) platform for trace detection of antibiotics residue. <i>Applied Surface Science</i> , 2022 , 153550 | 6.7 | 2 |
| 18 | Enhancing light extraction from tapered internal reflection microstructure. <i>Optik</i> , 2013 , 124, 3839-3841 | 2.5 | 1 |
| 17 | Influence of limestone fillers on combustion characteristics of asphalt mortar for pavements. <i>Chinese Physics B</i> , 2014 , 23, 074703 | 1.2 | 1 |
| 16 | Luminaries-level structure improvement of LEDs for heat dissipation enhancement under natural convection. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2013 , 38, 1357-1368 | 1 | 1 |

15	Theoretical Study on Cation Vacancy Induced Magnetism in Bulk ZnO. <i>Applied Mechanics and Materials</i> , 2011 , 110-116, 1397-1400	0.3	1
14	The mesopic effect of different correlated color temperature LED light sources on road lighting 2010 ,		1
13	Preferentially engineering edge/nitrogen sites in porous hollow spheres for ultrafast and reversible potassium storage. <i>Chemical Engineering Journal</i> , 2022 , 435, 134821	14.7	1
12	Fabrication of Fe ₃ O ₄ @Ag magnetic nanoparticles for highly active SERS enhancement and paraquat detection. <i>Microchemical Journal</i> , 2022 , 173, 107019	4.8	1
11	Measurement of trace bisphenol A in drinking water with combination of immunochromatographic detection technology and SERS method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 120519	4.4	1
10	Low-temperature combustion synthesis and luminescent properties of SrMgAl ₁₀ O ₁₇ :Eu ²⁺ , Er ³⁺ high brightness blue phosphors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013 , 62, 197802	0.6	1
9	Quantum confinement effect on electronic and optical properties of SnS. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014 , 63, 067101	0.6	1
8	Competitive adsorption of residual polyvinylpyrrolidone and detection molecular on flower liked silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 255, 119717	4.4	1
7	Stability Optimization Strategies of Cathode Materials for Aqueous Zinc Ion Batteries: A Mini Review.. <i>Frontiers in Chemistry</i> , 2021 , 9, 828119	5	0
6	Optimum synthesis of cactus-inspired SERS substrate with high roughness for paraquat detection.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120703	4.4	0
5	Intrinsic point defects in halide double perovskite Cs ₂ NaBiCl ₆ insight from first-principles. <i>Thin Solid Films</i> , 2021 , 732, 138781	2.2	0
4	Fabrication and characterization of the hierarchical AAO film and AAO-MnO ₂ composite as the anode foil of aluminum electrolytic capacitor. <i>Surface and Coatings Technology</i> , 2021 , 419, 127286	4.4	0
3	Implanting heterogeneous Ni ₂ P/CoP catalysts in MOF-derived carbon arrays with multifunctional catalytic sites for LiFeS ₂ batteries. <i>Journal of Alloys and Compounds</i> , 2022 , 913, 165253	5.7	0
2	Hydrothermal Method Synthesis and Characterization of YVO ₄ :Eu ³⁺ @YPO ₄ Core-shell. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012 , 27, 706-710	1	
1	Identification of nucleic acid aptamers against lactate dehydrogenase via SELEX and high-throughput sequencing. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 4427-4439	4.4	