

Yusuf V Kaneti

List of Publications by Year in descending order

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125
papers

11,915
citations

28274

55
h-index

27406

106
g-index

125
all docs

125
docs citations

125
times ranked

13268
citing authors

#	ARTICLE	IF	CITATIONS
1	Borophene: Two-dimensional Boron Monolayer: Synthesis, Properties, and Potential Applications. <i>Chemical Reviews</i> , 2022, 122, 1000-1051.	47.7	106
2	Nanoarchitectonics of low-dimensional metal-organic frameworks toward photo/electrochemical CO ₂ reduction reactions. <i>Journal of CO₂ Utilization</i> , 2022, 57, 101883.	6.8	36
3	Î-Carrageenan Gel Modified Mesoporous Gold Chronocoulometric Sensor for Ultrasensitive Detection of MicroRNA. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 198-207.	3.2	10
4	Performance enhancement strategies for surface plasmon resonance sensors in direct glucose detection using pristine and modified UiO-66: effects of morphology, immobilization technique, and signal amplification. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6662-6678.	10.3	19
5	Ultrathin nanosheet-assembled nickel-based metal-organic framework microflowers for supercapacitor applications. <i>Chemical Communications</i> , 2022, 58, 1009-1012.	4.1	68
6	Boosting capacitive performance of manganese oxide nanorods by decorating with three-dimensional crushed graphene. <i>Nano Convergence</i> , 2022, 9, 10.	12.1	23
7	Role of urea on the structural, textural, and optical properties of macroemulsion-assisted synthesized holey ZnO nanosheets for photocatalytic applications. <i>New Journal of Chemistry</i> , 2022, 46, 9897-9908.	2.8	4
8	Nanoarchitected superparamagnetic iron oxide-doped mesoporous carbon nanozymes for glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 131980.	7.8	27
9	Hydrogel Nanoarchitectonics: An Evolving Paradigm for Ultrasensitive Biosensing. <i>Small</i> , 2022, 18, .	10.0	31
10	Template- and etching-free fabrication of two-dimensional hollow bimetallic metal-organic framework hexagonal nanoplates for ammonia sensing. <i>Chemical Engineering Journal</i> , 2022, 450, 138065.	12.7	22
11	Spatial-controlled etching of coordination polymers. <i>Chinese Chemical Letters</i> , 2021, 32, 635-641.	9.0	9
12	Self-templated fabrication of hierarchical hollow manganese-cobalt phosphide yolk-shell spheres for enhanced oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 405, 126580.	12.7	160
13	Microporous nickel phosphonate derived heteroatom doped nickel oxide and nickel phosphide: Efficient electrocatalysts for oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 405, 126803.	12.7	112
14	Nanoarchitected porous organic polymers and their environmental applications for removal of toxic metal ions. <i>Chemical Engineering Journal</i> , 2021, 408, 127991.	12.7	65
15	Mesoporous TiO ₂ -based architectures as promising sensing materials towards next-generation biosensing applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1189-1207.	5.8	27
16	Fabrication and Characterization of Prussian Blue-Derived Iron Carbide-Iron Oxide Hybrid on Reduced Graphene Oxide Nanosheets. <i>KONA Powder and Particle Journal</i> , 2021, 38, 260-268.	1.7	2
17	Nitrogen, phosphorus co-doped eave-like hierarchical porous carbon for efficient capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12807-12817.	10.3	79
18	Significant role of thorny surface morphology of polyaniline on adsorption of triiodide ions towards counter electrode in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 5958-5970.	2.8	11

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19	Highly dispersed secondary building unit-stabilized binary metal center on a hierarchical porous carbon matrix for enhanced oxygen evolution reaction. <i>Nanoscale</i> , 2021, 13, 1213-1219.	5.6	22
20	Mesoporous Alumina-Titania Composites with Enhanced Molybdenum Adsorption towards Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 502-507.	3.2	10
21	Fabrication of highly and poorly oxidized silver oxide/silver/tin(IV) oxide nanocomposites and their comparative anti-pathogenic properties towards hazardous food pathogens. <i>Journal of Hazardous Materials</i> , 2021, 408, 124896.	12.4	14
22	Nanoarchitected Porous Conducting Polymers: From Controlled Synthesis to Advanced Applications. <i>Advanced Materials</i> , 2021, 33, e2007318.	21.0	68
23	Extracellular Vesicle Nanoarchitectonics for Novel Drug Delivery Applications. <i>Small</i> , 2021, 17, e2102220.	10.0	48
24	Solar-Powered Sustainable Water Production: State-of-the-Art Technologies for Sunlightâ€“Energyâ€“Water Nexus. <i>ACS Nano</i> , 2021, 15, 12535-12566.	14.6	220
25	Reverse micelle-mediated synthesis of plate-assembled hierarchical three-dimensional flower-like gamma-alumina particles. <i>Microporous and Mesoporous Materials</i> , 2021, 321, 111055.	4.4	16
26	Defect-Rich Hierarchical Porous UiO-66(Zr) for Tunable Phosphate Removal. <i>Environmental Science & Technology</i> , 2021, 55, 13209-13218.	10.0	27
27	Enhanced Zinc Ion Storage Capability of V_2O_5 Electrode Materials with Hollow Interior Cavities. <i>Batteries and Supercaps</i> , 2021, 4, 1867-1873.	4.7	31
28	Holey Assembly of Two-Dimensional Iron-Doped Nickel-Cobalt Layered Double Hydroxide Nanosheets for Energy Conversion Application. <i>ChemSusChem</i> , 2020, 13, 1645-1655.	6.8	104
29	Self-assembly of nickel phosphate-based nanotubes into two-dimensional crumpled sheet-like architectures for high-performance asymmetric supercapacitors. <i>Nano Energy</i> , 2020, 67, 104270.	16.0	187
30	Rational Design of Nanoporous MoS_2/VS_2 Heteroarchitecture for Ultrahigh Performance Ammonia Sensors. <i>Small</i> , 2020, 16, e1901718.	10.0	67
31	Block copolymer-templated electrodeposition of mesoporous Au-Ni alloy films with tunable composition. <i>Applied Materials Today</i> , 2020, 18, 100526.	4.3	18
32	Metal-Organic Powder Thermochemical Solid-Vapor Architectonics toward Gradient Hybrid Monolith with Combined Structure-Function Features. <i>Matter</i> , 2020, 3, 879-891.	10.0	22
33	Self-Assembly of Two-Dimensional Bimetallic Nickel-Cobalt Phosphate Nanoplates into One-Dimensional Porous Chainlike Architecture for Efficient Oxygen Evolution Reaction. <i>Chemistry of Materials</i> , 2020, 32, 7005-7018.	6.7	142
34	Hollow Zinc Oxide Microsphereâ€“Multiwalled Carbon Nanotube Composites for Selective Detection of Sulfur Dioxide. <i>ACS Applied Nano Materials</i> , 2020, 3, 8982-8996.	5.0	42
35	Mesoporous gold-silver alloy films towards amplification-free ultra-sensitive microRNA detection. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9512-9523.	5.8	27
36	Self-assembly of block copolymers towards mesoporous materials for energy storage and conversion systems. <i>Chemical Society Reviews</i> , 2020, 49, 4681-4736.	38.1	311

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37	Sandwich-Structured Ordered Mesoporous Polydopamine/MXene Hybrids as High-Performance Anodes for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 14993-15001.	8.0	48
38	General synthesis of hierarchical sheet/plate-like M-BDC (M = Cu, Mn, Ni, and Zr) metal-organic frameworks for electrochemical non-enzymatic glucose sensing. Chemical Science, 2020, 11, 3644-3655.	7.4	205
39	Pseudocapacitive Lithium Storage of Cauliflower-Like CoFe_2O_4 for Low-Temperature Battery Operation. Chemistry - A European Journal, 2020, 26, 13652-13658.	3.3	8
40	Assembling well-arranged covalent organic frameworks on MOF-derived graphitic carbon for remarkable formaldehyde sensing. Nanoscale, 2020, 12, 15611-15619.	5.6	78
41	Non-precious molybdenum nanospheres as a novel cocatalyst for full-spectrum-driven photocatalytic CO_2 reforming to CH_4 . Journal of Hazardous Materials, 2020, 393, 122324.	12.4	39
42	Facile Synthesis of Nanoporous Transition Metal-Based Phosphates for Oxygen Evolution Reaction. ChemCatChem, 2020, 12, 2091-2096.	3.7	106
43	Tailorable nanoarchitecturing of bimetallic nickel-cobalt hydrogen phosphate <i>via</i> the self-weaving of nanotubes for efficient oxygen evolution. Journal of Materials Chemistry A, 2020, 8, 3035-3047.	10.3	109
44	Controlled Synthesis of Mesoporous Pt, Pt-Pd and Pt-Pd-Rh Nanoparticles in Aqueous Nonionic Surfactant Solution. Bulletin of the Chemical Society of Japan, 2020, 93, 455-460.	3.2	5
45	Core-shell motif construction: Highly graphitic nitrogen-doped porous carbon electrocatalysts using MOF-derived carbon@COF heterostructures as sacrificial templates. Chemical Engineering Journal, 2020, 396, 125154.	12.7	223
46	Practical MOF Nanoarchitectonics: New Strategies for Enhancing the Processability of MOFs for Practical Applications. Langmuir, 2020, 36, 4231-4249.	3.5	86
47	Multiscale structural optimization: Highly efficient hollow iron-doped metal sulfide heterostructures as bifunctional electrocatalysts for water splitting. Nano Energy, 2020, 75, 104913.	16.0	119
48	Crystalline Porous Organic Polymer Bearing SO_3H Functionality for High Proton Conductivity. ACS Sustainable Chemistry and Engineering, 2020, 8, 2423-2432.	6.7	43
49	Unprecedented capacitive deionization performance of interconnected iron-nitrogen-doped carbon tubes in oxygenated saline water. Materials Horizons, 2020, 7, 1404-1412.	12.2	199
50	Nanoarchitected peroxidase-mimetic nanozymes: mesoporous nanocrystalline Fe^2+ - or Fe^3+ -iron oxide?. Journal of Materials Chemistry B, 2019, 7, 5412-5422.	5.8	72
51	Auto-programmed heteroarchitecturing: Self-assembling ordered mesoporous carbon between two-dimensional $\text{Ti}_3\text{C}_2\text{Tx}$ MXene layers. Nano Energy, 2019, 65, 103991.	16.0	70
52	Three-Dimensional Nanoarchitecture of Carbon Nanotube-Interwoven Metal-Organic Frameworks for Capacitive Deionization of Saline Water. ACS Sustainable Chemistry and Engineering, 2019, 7, 13949-13954.	6.7	88
53	Nanoarchitectonics of Biofunctionalized Metal-Organic Frameworks with Biological Macromolecules and Living Cells. Small Methods, 2019, 3, 1900213.	8.6	76
54	Fabrication of Au functionalized TiO_2 nanofibers for photocatalytic application. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	11

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55	Single Crystal Growth of Two-Dimensional Cyano-Bridged Coordination Polymer of Co(H ₂ O) ₂ Ni(CN) ₄ ·4H ₂ O Using Trisodium Citrate Dihydrate. Bulletin of the Chemical Society of Japan, 2019, 92, 1263-1267.	3.2	10
56	In-situ formation of Cu ²⁺ /Ni cyano-bridged coordination polymer on graphene oxide nanosheets and their thermal conversion. Microporous and Mesoporous Materials, 2019, 290, 109670.	4.4	5
57	Green synthesis of metal oxide nanostructures using naturally occurring compounds for energy, environmental, and bio-related applications. New Journal of Chemistry, 2019, 43, 15846-15856.	2.8	72
58	Rational design and construction of nanoporous iron- and nitrogen-doped carbon electrocatalysts for oxygen reduction reaction. Journal of Materials Chemistry A, 2019, 7, 1380-1393.	10.3	159
59	Enhanced Peroxidase Mimetic Activity of Porous Iron Oxide Nanoflakes. ChemNanoMat, 2019, 5, 506-513.	2.8	44
60	Self-sacrificial templated synthesis of a three-dimensional hierarchical macroporous honeycomb-like ZnO/ZnCo ₂ O ₄ hybrid for carbon monoxide sensing. Journal of Materials Chemistry A, 2019, 7, 3415-3425.	10.3	66
61	Hard-templated preparation of mesoporous cobalt phosphide as an oxygen evolution electrocatalyst. Electrochemistry Communications, 2019, 104, 106476.	4.7	17
62	MOF nanoleaves as new sacrificial templates for the fabrication of nanoporous Co ²⁺ /N _x /C electrocatalysts for oxygen reduction. Nanoscale Horizons, 2019, 4, 1006-1013.	8.0	124
63	A Review on Iron Oxide-Based Nanoarchitectures for Biomedical, Energy Storage, and Environmental Applications. Small Methods, 2019, 3, 1800512.	8.6	78
64	Chemical Design of Palladium-Based Nanoarchitectures for Catalytic Applications. Small, 2019, 15, e1804378.	10.0	90
65	Continuous mesoporous Pd films with tunable pore sizes through polymeric micelle-assisted assembly. Nanoscale Horizons, 2019, 4, 960-968.	8.0	26
66	Extraordinary capacitive deionization performance of highly-ordered mesoporous carbon nano-polyhedra for brackish water desalination. Environmental Science: Nano, 2019, 6, 981-989.	4.3	150
67	Biomolecule-Assisted Synthesis of Hierarchical Multilayered Boehmite and Alumina Nanosheets for Enhanced Molybdenum Adsorption. Chemistry - A European Journal, 2019, 25, 4843-4855.	3.3	16
68	Gold nanoparticles supported on mesoporous iron oxide for enhanced CO oxidation reaction. Nanoscale, 2018, 10, 4779-4785.	5.6	54
69	General template-free strategy for fabricating mesoporous two-dimensional mixed oxide nanosheets via self-deconstruction/reconstruction of monodispersed metal glycerate nanospheres. Journal of Materials Chemistry A, 2018, 6, 5971-5983.	10.3	81
70	Metal-organic framework-derived one-dimensional porous or hollow carbon-based nanofibers for energy storage and conversion. Materials Horizons, 2018, 5, 394-407.	12.2	452
71	One-Step Synthetic Strategy of Hybrid Materials from Bimetallic Metal-Organic Frameworks for Supercapacitor Applications. ACS Applied Energy Materials, 2018, 1, 2007-2015.	5.1	159
72	Direct fabrication of tri-metallic PtPdCu tripods with branched exteriors for the oxygen reduction reaction. Journal of Materials Chemistry A, 2018, 6, 8662-8668.	10.3	117

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73	Green Synthesis of Magnetite Nanostructures from Naturally Available Iron Sands via Sonochemical Method. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 311-317.	3.2	13
74	Few-layer graphitic shells networked by low temperature pyrolysis of zeolitic imidazolate frameworks. <i>Materials Chemistry Frontiers</i> , 2018, 2, 520-529.	5.9	9
75	Hybrid nanoarchitecturing of hierarchical zinc oxide wool-ball-like nanostructures with multi-walled carbon nanotubes for achieving sensitive and selective detection of sulfur dioxide. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 241-251.	7.8	57
76	Molybdenum Adsorption Properties of Alumina-Embedded Mesoporous Silica for Medical Radioisotope Production. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 195-200.	3.2	42
77	Mesoporous Iron Oxide Synthesized Using Poly(styrene- <i>b</i> -acrylic acid- <i>b</i> -ethylene glycol) Block Copolymer Micelles as Templates for Colorimetric and Electrochemical Detection of Glucose. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1039-1049.	8.0	90
78	Gold-Loaded Nanoporous Iron Oxide Cubes Derived from Prussian Blue as Carbon Monoxide Oxidation Catalyst at Room Temperature. <i>ChemistrySelect</i> , 2018, 3, 13464-13469.	1.5	10
79	Cyano-Bridged Cu-Ni Coordination Polymer Nanoflakes and Their Thermal Conversion to Mixed Cu-Ni Oxides. <i>Nanomaterials</i> , 2018, 8, 968.	4.1	4
80	Micelle-Assisted Strategy for the Direct Synthesis of Large-Sized Mesoporous Platinum Catalysts by Vapor Infiltration of a Reducing Agent. <i>Nanomaterials</i> , 2018, 8, 841.	4.1	3
81	Advanced Functional Carbons and Their Hybrid Nanoarchitectures towards Supercapacitor Applications. <i>ChemSusChem</i> , 2018, 11, 3546-3558.	6.8	90
82	Soft-templated synthesis of mesoporous nickel oxide using poly(styrene- <i>b</i> -acrylic acid) block copolymer. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10000-10005.	4.4	22
83	Room temperature carbon monoxide oxidation based on two-dimensional gold-loaded mesoporous iron oxide nanoflakes. <i>Chemical Communications</i> , 2018, 54, 8514-8517.	4.1	27
84	Template-Free Fabrication of Mesoporous Alumina Nanospheres Using Post-Synthesis Water-Ethanol Treatment of Monodispersed Aluminium Glycerate Nanospheres for Molybdenum Adsorption. <i>Small</i> , 2018, 14, e1800474.	10.0	50
85	Two-dimensional mesoporous vanadium phosphate nanosheets through liquid crystal templating method toward supercapacitor application. <i>Nano Energy</i> , 2018, 52, 336-344.	16.0	65
86	Confined Synthesis of Coordination Frameworks inside Double-Network Hydrogel for Fabricating Hydrogel-Based Water Pipes with High Adsorption Capacity for Cesium Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1357-1363.	3.2	12
87	Effect of Graphene Oxide Thin Film on Growth and Electrochemical Performance of Hierarchical Zinc Sulfide Nanoweb for Supercapacitor Applications. <i>ChemElectroChem</i> , 2018, 5, 2636-2644.	3.4	26
88	Tuning Wall Thicknesses in Mesoporous Silica Films for Optimization of Optical Anti-Reflective Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 100-103.	0.9	5
89	A Glucose-Assisted Hydrothermal Reaction for Directly Transforming Metal-Organic Frameworks into Hollow Carbonaceous Materials. <i>Chemistry of Materials</i> , 2018, 30, 4401-4408.	6.7	102
90	Self-Assembly of Polymeric Micelles Made of Asymmetric Polystyrene- <i>b</i> -Polyacrylic Acid- <i>b</i> -Polyethylene Oxide for the Synthesis of Mesoporous Nickel Ferrite. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1328-1332.	2.0	8

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91	Dendrite-free, High-rate, Long-life Lithium Metal Batteries with a 3D Cross-linked Network Polymer Electrolyte. <i>Advanced Materials</i> , 2017, 29, 1604460.	21.0	604
92	Bilayer composites consisting of gold nanorods and titanium dioxide as highly sensitive and self-cleaning SERS substrates. <i>Mikrochimica Acta</i> , 2017, 184, 2805-2813.	5.0	19
93	A mesoporous tin phosphate-graphene oxide hybrid toward the oxygen reduction reaction. <i>Chemical Communications</i> , 2017, 53, 5721-5724.	4.1	20
94	Metal-Organic Framework-Derived Nanoporous Metal Oxides toward Supercapacitor Applications: Progress and Prospects. <i>ACS Nano</i> , 2017, 11, 5293-5308.	14.6	988
95	Spontaneous Weaving of Graphitic Carbon Networks Synthesized by Pyrolysis of ZIF-67 Crystals. <i>Angewandte Chemie</i> , 2017, 129, 8555-8560.	2.0	33
96	Spontaneous Weaving of Graphitic Carbon Networks Synthesized by Pyrolysis of ZIF-67 Crystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8435-8440.	13.8	362
97	Dual-Phase Transformation: Spontaneous Self-Template Surface-Patterning Strategy for Ultra-transparent VO ₂ Solar Modulating Coatings. <i>ACS Nano</i> , 2017, 11, 407-415.	14.6	81
98	Nanoarchitected Design of Porous Materials and Nanocomposites from Metal-Organic Frameworks. <i>Advanced Materials</i> , 2017, 29, 1604898.	21.0	732
99	Study on the reversible capacity loss of layered oxide cathode during low-temperature operation. <i>Journal of Power Sources</i> , 2017, 342, 24-30.	7.8	42
100	Boron-Functionalized Graphene Oxide-Organic Frameworks for Highly Efficient CO ₂ Capture. <i>Chemistry - an Asian Journal</i> , 2017, 12, 283-288.	3.3	40
101	Mesoporous Alumina as an Effective Adsorbent for Molybdenum (Mo) toward Instant Production of Radioisotope for Medical Use. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1174-1179.	3.2	49
102	Tailored Design of Bicontinuous Gyroid Mesoporous Carbon and Nitrogen-Doped Carbon from Poly(ethylene oxide-b-caprolactone) Diblock Copolymers. <i>Chemistry - A European Journal</i> , 2017, 23, 13734-13741.	3.3	43
103	Strategies for Improving the Functionality of Zeolitic Imidazolate Frameworks: Tailoring Nanoarchitectures for Functional Applications. <i>Advanced Materials</i> , 2017, 29, 1700213.	21.0	366
104	Prussian blue derived iron oxide nanoparticles wrapped in graphene oxide sheets for electrochemical supercapacitors. <i>RSC Advances</i> , 2017, 7, 33994-33999.	3.6	36
105	Fabrication of an MOF-derived heteroatom-doped Co/CoO/carbon hybrid with superior sodium storage performance for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15356-15366.	10.3	317
106	Li-ion and Na-ion transportation and storage properties in various sized TiO ₂ spheres with hierarchical pores and high tap density. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4359-4367.	10.3	78
107	Experimental and theoretical studies of gold nanoparticle decorated zinc oxide nanoflakes with exposed {1 0 0} facets for butylamine sensing. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 581-591.	7.8	52
108	Nanoarchitectures for Metal-Organic Framework-Derived Nanoporous Carbons toward Supercapacitor Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 2796-2806.	15.6	670

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109	Construction of a Unique Two-Dimensional Hierarchical Carbon Architecture for Superior Lithium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33399-33404.	8.0	21
110	Micron-sized Spherical Si/C Hybrids Assembled via Water/Oil System for High-Performance Lithium Ion Battery. <i>Electrochimica Acta</i> , 2016, 211, 982-988.	5.2	30
111	Synthesis of platinum-decorated iron vanadate nanorods with excellent sensing performance toward n-butylamine. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 173-183.	7.8	16
112	Tuning the surface oxygen concentration of {111} surrounded ceria nanocrystals for enhanced photocatalytic activities. <i>Nanoscale</i> , 2016, 8, 378-387.	5.6	163
113	Seed-mediated synthesis of dendritic platinum nanostructures with high catalytic activity for aqueous-phase hydrogenation of acetophenone. <i>Journal of Energy Chemistry</i> , 2015, 24, 660-668.	12.9	10
114	Hydrothermal synthesis of ternary $\text{Fe}_2\text{O}_3/\text{ZnO}/\text{Au}$ nanocomposites with high gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 889-897.	7.8	109
115	Experimental and theoretical studies on noble metal decorated tin oxide flower-like nanorods with high ethanol sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 83-93.	7.8	70
116	Fabrication of highly sensitive gas sensor based on Au functionalized WO_3 composite nanofibers by electrospinning. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1112-1119.	7.8	138
117	Carbon-Coated Gold Nanorods: A Facile Route to Biocompatible Materials for Photothermal Applications. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25658-25668.	8.0	51
118	Solvothermal synthesis of ZnO-decorated Fe_2O_3 nanorods with highly enhanced gas-sensing performance toward n-butanol. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13283-13292.	10.3	164
119	Hydrothermal synthesis of sodium vanadium oxide nanorods for gas sensing application. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 803-809.	7.8	32
120	Crystal plane-dependent gas-sensing properties of zinc oxide nanostructures: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 11471-11480.	2.8	168
121	Design and construction of polymerized-glucose coated Fe_3O_4 magnetic nanoparticles for delivery of aspirin. <i>Powder Technology</i> , 2013, 236, 157-163.	4.2	48
122	Controllable Synthesis of ZnO Nanoflakes with Exposed (101̄...0) for Enhanced Gas Sensing Performance. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13153-13162.	3.1	176
123	Porous FeVO_4 nanorods: synthesis, characterization, and gas-sensing properties toward volatile organic compounds. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	43
124	Deposition of gold nanoparticles on Fe^{2+} - FeOOH nanorods for detecting melamine in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 204-212.	9.4	17
125	Metal-Organic Powder Thermochemical Solid-Vapor Architectonics Towards Gradient Hybrid Monolith with Combined Structure-Function Features. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0