Abdullah M Al-Enizi

List of Publications by Year in descending order

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233 papers 9,280 citations

³⁸⁷⁴² 50 h-index

86 g-index

238 all docs

238 docs citations

times ranked

238

12899 citing authors

#	Article	IF	CITATIONS
1	Recent Advances in Mesoporous Silica Nanoparticles for Targeted Drug Delivery Applications. Current Drug Delivery, 2022, 19, 436-450.	1.6	28
2	One-pot hydrothermal preparation of hierarchical manganese oxide nanorods for high-performance symmetric supercapacitors. Journal of Energy Chemistry, 2022, 65, 116-126.	12.9	101
3	Strongly Anisotropic Strainâ€Tunability of Excitons in Exfoliated ZrSe ₃ . Advanced Materials, 2022, 34, e2103571.	21.0	16
4	Selfâ€Adjusting Metal–Organic Framework for Efficient Capture of Trace Xenon and Krypton. Angewandte Chemie, 2022, 134, .	2.0	5
5	Selfâ€Adjusting Metal–Organic Framework for Efficient Capture of Trace Xenon and Krypton. Angewandte Chemie - International Edition, 2022, 61, .	13.8	47
6	Strongly Anisotropic Strainâ€Tunability of Excitons in Exfoliated ZrSe ₃ (Adv. Mater. 1/2022). Advanced Materials, 2022, 34, .	21.0	1
7	NiCo2O4 nanostructures loaded onto pencil graphite rod: An advanced composite material for oxygen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 6650-6665.	7.1	30
8	Stretching ReS2 along different crystal directions: Anisotropic tuning of the vibrational and optical responses. Applied Physics Letters, 2022, 120, .	3.3	6
9	Grain and grain boundaries influenced magnetic and dielectric properties of lanthanum-doped copper cadmium ferrites. Journal of Materials Science: Materials in Electronics, 2022, 33, 7636-7647.	2.2	7
10	The Structure, Magnetic, and Gas Sensing Characteristics of W-Substituted Co-Ferrite Nanoparticles. Crystals, 2022, 12, 393.	2.2	10
11	Eco-Friendly Disposable WS2 Paper Sensor for Sub-ppm NO2 Detection at Room Temperature. Nanomaterials, 2022, 12, 1213.	4.1	13
12	Waste cigarette butt-derived B, N doped bifunctional hierarchical mesoporous carbon for supercapacitor and oxygen reduction reaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 643, 128775.	4.7	7
13	Scalable and low-cost fabrication of flexible WS2 photodetectors on polycarbonate. Npj Flexible Electronics, 2022, 6, .	10.7	21
14	Utilization of cationic microporous metal-organic framework for efficient Xe/Kr separation. Nano Research, 2022, 15, 7559-7564.	10.4	25
15	Facile Synthesis, Characterization, Catalytic and Photocatalytic Activity of Multiferroic BiFeO3 Perovskite Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 3476-3487.	3.7	15
16	Fabrication of biohybrid electrospun nanofibers for the eradication of wound infection and drug-resistant pathogens. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 609, 125691.	4.7	12
17	Tungsten carbide@graphene nanoflakes: Preparation, characterization and electrochemical activity for capacitive deionization technology. Journal of Colloid and Interface Science, 2021, 581, 112-125.	9.4	16
18	Electrodeposited more-hydrophilic nano-nest polyaniline electrodes for supercapacitor application. Journal of Physics and Chemistry of Solids, 2021, 149, 109774.	4.0	19

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19	Enhanced electro-adsorption desalination performance of graphene by TiC. Separation and Purification Technology, 2021, 254, 117602.	7.9	15
20	Core-shell nanofibers from poly(vinyl alcohol) based biopolymers using emulsion electrospinning as drug delivery system for cephalexin drug. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 130-144.	2.2	25
21	Fabrication of highly porous N-doped mesoporous carbon using waste polyethylene terephthalate bottle-based MOF-5 for high performance supercapacitor. Journal of Energy Storage, 2021, 33, 102125.	8.1	64
22	Decorated carbon nanofibers with mixed nickelâ^'manganese carbides for methanol electro-oxidation in alkaline solution. International Journal of Hydrogen Energy, 2021, 46, 6494-6512.	7.1	27
23	Efficient removal of Pb(II) from water using silica gel functionalized with thiosalicylic acid: Response surface methodology for optimization. Journal of King Saud University - Science, 2021, 33, 101232.	3.5	20
24	Investigation of electrochemical performance and stability of electrodeposited Mn3O4 thin films in different aqueous electrolytes for its application in flexible supercapacitors. Journal of Energy Storage, 2021, 33, 102076.	8.1	15
25	Synthesis of 2-mercaptopropionic acid/hydrous zirconium oxide composite and its application for removal of Pb(II) from water samples: Central composite design for optimization. Journal of King Saud University - Science, 2021, 33, 101280.	3.5	25
26	Design of zinc vanadate (Zn3V2O8)/nitrogen doped multiwall carbon nanotubes (N-MWCNT) towards supercapacitor electrode applications. Journal of Electroanalytical Chemistry, 2021, 881, 114936.	3.8	32
27	Singleâ€Pore versus Dualâ€Pore Bipyridineâ€Based Covalent–Organic Frameworks: An Insight into the Heterogeneous Catalytic Activity for Selective CH Functionalization. Small, 2021, 17, e2003970.	10.0	25
28	Heterogeneous Electrocatalysts for CO ₂ Reduction. ACS Applied Energy Materials, 2021, 4, 1034-1044.	5.1	31
29	Tungsten oxides: green and sustainable heterogeneous nanocatalysts for the synthesis of bioactive heterocyclic compounds. Dalton Transactions, 2021, 50, 2032-2041.	3.3	4
30	A window-space-directed assembly strategy for the construction of supertetrahedron-based zeolitic mesoporous metal–organic frameworks with ultramicroporous apertures for selective gas adsorption. Chemical Science, 2021, 12, 5767-5773.	7.4	15
31	Is radical cystectomy an overtreatment for T1 high-grade transitional cell carcinoma of the bladder? Lesson learnt from case series. Urology Annals, 2021, 13, 316.	0.6	0
32	The Impact of AN Contribution on the Thermal Characteristics and Molecular Dynamics of Novel Acrylonitrile–Styrene–Styrene Sodium Sulfonate Terpolymers. Polymers, 2021, 13, 420.	4.5	1
33	Alignment frustration in block copolymer films with block copolymer grafted <scp>TiO₂</scp> nanoparticles under <scp>softâ€shear</scp> cold zone annealing. Polymers for Advanced Technologies, 2021, 32, 2052-2060.	3.2	6
34	A MOFâ€based Ultraâ€6trong Acetylene Nanoâ€trap for Highly Efficient C ₂ H ₂ /CO ₂ Separation. Angewandte Chemie, 2021, 133, 5343-5348.	2.0	49
35	One-pot preparation of CdO/ZnO core/shell nanofibers: An efficient photocatalyst. AEJ - Alexandria Engineering Journal, 2021, 60, 1819-1826.	6.4	13
36	Frontispiz: A MOFâ€based Ultraâ€5trong Acetylene Nanoâ€trap for Highly Efficient C ₂ H ₂ /CO ₂ Separation. Angewandte Chemie, 2021, 133, .	2.0	1

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37	Frontispiece: A MOFâ€based Ultraâ€Strong Acetylene Nanoâ€trap for Highly Efficient C ₂ H ₂ /CO ₂ Separation. Angewandte Chemie - International Edition, 2021, 60, .	13.8	O
38	Observation of General Entropy–Enthalpy Compensation Effect in the Relaxation of Wrinkled Polymer Nanocomposite Films. Nano Letters, 2021, 21, 1274-1281.	9.1	12
39	A MOFâ€based Ultraâ€6trong Acetylene Nanoâ€trap for Highly Efficient C ₂ H ₂ /CO ₂ Separation. Angewandte Chemie - International Edition, 2021, 60, 5283-5288.	13.8	172
40	3D Cationic Polymeric Network Nanotrap for Efficient Collection of Perrhenate Anion from Wastewater. Small, 2021, 17, e2007994.	10.0	42
41	Fabrication of Sustained Release System of Electrospun Poly(acrylic acid)/Dextran Nanofibers Using Emulsion Electrospinning as Wound Dressing Applications. Journal of Nanoscience and Nanotechnology, 2021, 21, 1613-1622.	0.9	2
42	Nanospace Engineering of Metal–Organic Frameworks through Dynamic Spacer Installation of Multifunctionalities for Efficient Separation of Ethane from Ethane/Ethylene Mixtures. Angewandte Chemie, 2021, 133, 9766-9771.	2.0	9
43	Nanospace Engineering of Metal–Organic Frameworks through Dynamic Spacer Installation of Multifunctionalities for Efficient Separation of Ethane from Ethane/Ethylene Mixtures. Angewandte Chemie - International Edition, 2021, 60, 9680-9685.	13.8	89
44	Increased Crystallization of CuTCNQ in Water/DMSO Bisolvent for Enhanced Redox Catalysis. Nanomaterials, 2021, 11, 954.	4.1	4
45	Electrochemical nitrogen fixation via bimetallic Sn-Ti sites on defective titanium oxide catalysts. Journal of Colloid and Interface Science, 2021, 588, 242-247.	9.4	9
46	Two Manganese Metalloporphyrin Frameworks Constructed from a Custom-Designed Porphyrin Ligand Exhibiting Selective Uptake of CO ₂ over CH ₄ and Catalytic Activity for CO ₂ Fixation. Crystal Growth and Design, 2021, 21, 2786-2792.	3.0	9
47	Fabrication of electrospun nickel sulphide nanoparticles onto carbon nanofibers for efficient urea electro-oxidation in alkaline medium. International Journal of Hydrogen Energy, 2021, 46, 12944-12960.	7.1	12
48	Efficient Electron Transfer from Electronâ€Sponge Polyoxometalate to Singleâ€Metal Site Metal–Organic Frameworks for Highly Selective Electroreduction of Carbon Dioxide. Small, 2021, 17, e2100762.	10.0	34
49	Development of silk fibers decorated with the in situ synthesized silver and gold nanoparticles: antimicrobial activity and creatinine adsorption capacity. Journal of Industrial and Engineering Chemistry, 2021, 97, 584-596.	5.8	8
50	Promoting N2 electroreduction to ammonia by fluorine-terminating Ti3C2Tx MXene. Nano Convergence, 2021, 8, 14.	12.1	13
51	Coconut-Water-Mediated Carbonaceous Electrode: A Promising Eco-Friendly Material for Bifunctional Water Splitting Application. ACS Omega, 2021, 6, 12623-12630.	3.5	7
52	Porous metal-graphene oxide nanocomposite sensors with high ammonia detectability. Journal of Colloid and Interface Science, 2021, 589, 401-410.	9.4	34
53	Carbon Dioxide Electroreduction: Efficient Electron Transfer from Electronâ€Sponge Polyoxometalate to Singleâ€Metal Site Metal–Organic Frameworks for Highly Selective Electroreduction of Carbon Dioxide (Small 20/2021). Small, 2021, 17, 2170095.	10.0	1
54	Cationic Polymeric Networks: 3D Cationic Polymeric Network Nanotrap for Efficient Collection of Perrhenate Anion from Wastewater (Small 20/2021). Small, 2021, 17, 2170094.	10.0	0

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55	lonic Liquid Enhanced Parallel Lamellar Ordering in Block Copolymer Films. Macromolecules, 2021, 54, 4531-4545.	4.8	11
56	Carbon quantum dots (CQDs)/Ce doped NiO nanocomposite for high performance supercapacitor. Materials Today Communications, 2021, 27, 102340.	1.9	9
57	Covalent–Organic Frameworks: Singleâ€Pore versus Dualâ€Pore Bipyridineâ€Based Covalent–Organic Frameworks: An Insight into the Heterogeneous Catalytic Activity for Selective Cï₺¿H Functionalization (Small 22/2021). Small, 2021, 17, 2170109.	10.0	2
58	Efficient electrospun terpolymer nanofibers for the removal of cationic dyes from polluted waters: A non-linear isotherm and kinetic study. Journal of Environmental Chemical Engineering, 2021, 9, 105361.	6.7	15
59	Cellulose acetate nanofibers embedded with Ag nanoparticles/CdSe/graphene oxide composite for degradation of methylene blue. Synthetic Metals, 2021, 278, 116824.	3.9	22
60	Design and fabrication of green and sustainable vapochromic cellulose fibers embedded with natural anthocyanin for detection of toxic ammonia. Talanta, 2021, 230, 122292.	5.5	22
61	Facile fabrication of Fe-BDC/Fe-2MI heterojunction with boosted photocatalytic activity for Cr(VI) reduction. Journal of Environmental Chemical Engineering, 2021, 9, 105961.	6.7	15
62	Recent developments in the synthesis of chemically modified nanomaterials for use in dielectric and electronics applications. Nanotechnology, 2021, 32, 142004.	2.6	30
63	Ultra-Fast Vertical Ordering of Lamellar Block Copolymer Films on Unmodified Substrates. Macromolecules, 2021, 54, 1564-1573.	4.8	16
64	Enhanced resistance to decay of imprinted nanopatterns in thin films by bare nanoparticles compared to polymer-grafted nanoparticles. Nanoscale Advances, 2021, 3, 5348-5354.	4.6	3
65	Hybrid ZnO Flowers-Rods Nanostructure for Improved Photodetection Compared to Standalone Flowers and Rods. Coatings, 2021, 11, 1464.	2.6	4
66	Paper-supported WS2 strain gauges. Sensors and Actuators A: Physical, 2021, 332, 113204.	4.1	4
67	Copper nickel@reduced graphene oxide nanocomposite as bifunctional electro-catalyst for excellent oxygen evolution and oxygen reduction reactions. Materials Letters, 2020, 260, 126969.	2.6	20
68	Utilization of waste polyethylene terephthalate bottles to develop metal-organic frameworks for energy applications: A clean and feasible approach. Journal of Cleaner Production, 2020, 248, 119251.	9.3	73
69	Recent advances in MOF-based photocatalysis: environmental remediation under visible light. Inorganic Chemistry Frontiers, 2020, 7, 300-339.	6.0	429
70	Synthesis of NiOx@NPC composite for high-performance supercapacitor via waste PET plastic-derived Ni-MOF. Composites Part B: Engineering, 2020, 183, 107655.	12.0	104
71	Tailoring ammonia gas sensing performance of La3+-doped copper cadmium ferrite nanostructures. Solid State Sciences, 2020, 100, 106089.	3.2	28
72	Hydrophobically made Ag nanoclusters with enhanced performance for CO2 aqueous electroreduction. Journal of Power Sources, 2020, 476, 228705.	7.8	17

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73	Pristine and palladium-doped perovskite bismuth ferrites and their nitrogen dioxide gas sensor studies. Journal of King Saud University - Science, 2020, 32, 3125-3130.	3.5	18
74	Electrochemically grown MnO ₂ nanowires for supercapacitor and electrocatalysis applications. New Journal of Chemistry, 2020, 44, 17864-17870.	2.8	33
75	High-rate sodium insertion/extraction into silicon oxycarbide-reduced graphene oxide. New Journal of Chemistry, 2020, 44, 14035-14040.	2.8	12
76	Precise tuning of heteroatom positions in polycyclic aromatic hydrocarbons for electrocatalytic nitrogen fixation. Journal of Colloid and Interface Science, 2020, 580, 623-629.	9.4	4
77	Synthesis of aminated electrospun carbon nanofibers and their application in removal of cationic dye. Materials Research Bulletin, 2020, 132 , 111003 .	5.2	12
78	Synthesis and characterization of WC@GNFs as an efficient supercapacitor electrode material in acidic medium. Ceramics International, 2020, 46, 27437-27445.	4.8	18
79	Rýcktitelbild: A Porous Organic Polymer Nanotrap for Efficient Extraction of Palladium (Angew.) Tj ETQq1 1 0.	.784314 rş 2.0	gBT/Overlock
80	Mesoporous Carbon of Carbonized Human Urine Waste: A Valuable Heterogeneous Catalyst for Chromene and Xanthene Derivative Synthesis. Catalysts, 2020, 10, 1369.	3.5	10
81	Antimycobacterial, Antioxidant and Cytotoxicity Activities of Mesoporous Nickel Oxide Nanoparticles for Healthcare. Coatings, 2020, 10, 1242.	2.6	4
82	Co2+ Substituted Spinel MgCuZn Ferrimagnetic Oxide: A Highly Versatile Electromagnetic Material via a Facile Molten Salt Route. Nanomaterials, 2020, 10, 2333.	4.1	4
83	Room-temperature synthesis and CO ₂ -gas sensitivity of bismuth oxide nanosensors. RSC Advances, 2020, 10, 17217-17227.	3.6	26
84	A Porous Organic Polymer Nanotrap for Efficient Extraction of Palladium. Angewandte Chemie, 2020, 132, 19786-19790.	2.0	10
85	A Porous Organic Polymer Nanotrap for Efficient Extraction of Palladium. Angewandte Chemie - International Edition, 2020, 59, 19618-19622.	13.8	57
86	Self-grown one-dimensional nickel sulfo-selenide nanostructured electrocatalysts for water splitting reactions. International Journal of Hydrogen Energy, 2020, 45, 15904-15914.	7.1	25
87	Synthesis and characterization of CeO2/rGO nanoflakes as electrode material for capacitive deionization technology. Ceramics International, 2020, 46, 15034-15043.	4.8	31
88	Fast cooling induced grain-boundary-rich copper oxide for electrocatalytic carbon dioxide reduction to ethanol. Journal of Colloid and Interface Science, 2020, 570, 375-381.	9.4	30
89	Structural modifications in Co–Zn nanoferrites by Gd substitution triggering to dielectric and gas sensing applications. Journal of Alloys and Compounds, 2020, 844, 156178.	5.5	30
90	Facile synthesis of Bi2O3@MnO2 nanocomposite material: A promising electrode for high performance supercapacitors. Solid State Sciences, 2020, 102, 106158.	3.2	29

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91	Hydrothermal synthesis of novel nickel oxide@nitrogenous mesoporous carbon nanocomposite using costless smoked cigarette filter for high performance supercapacitor. Materials Letters, 2020, 266, 127492.	2.6	53
92	Facile one-step hydrothermal synthesis and room-temperature NO2 sensing application of \hat{l}_{\pm} -Fe2O3 sensor. Materials Chemistry and Physics, 2020, 246, 122799.	4.0	21
93	The role of La3+ substitution in modification of the magnetic and dielectric properties of the nanocrystalline Co-Zn ferrites. Journal of Magnetism and Magnetic Materials, 2020, 502, 166490.	2.3	45
94	Continuous hydrothermal flow-inspired synthesis and ultra-fast ammonia and humidity room-temperature sensor activities of WO ₃ nanobricks. Materials Research Express, 2020, 7, 015076.	1.6	20
95	Phase controlled synthesis of bifunctional TiO ₂ nanocrystallites <i>via</i> <scp>d</scp> -mannitol for dye-sensitized solar cells and heterogeneous catalysis. RSC Advances, 2020, 10, 14826-14836.	3.6	8
96	Waste PET plastic derived ZnO@NMC nanocomposite via MOF-5 construction for hydrogen and oxygen evolution reactions. Journal of King Saud University - Science, 2020, 32, 2397-2405.	3.5	66
97	Novel Low Temperature Route to Produce CdS/ZnO Composite Nanofibers as Effective Photocatalysts. Catalysts, 2020, 10, 417.	3.5	13
98	Intrinsic Control in Defects Density for Improved ZnO Nanorod-Based UV Sensor Performance. Nanomaterials, 2020, 10, 142.	4.1	11
99	A Modified K-Medoids Algorithm for Deploying a Required Number of Computing Systems in a Three Dimensional Space in Underwater Wireless Sensor Networks. , 2020, , .		1
100	Queue Analysis for Probabilistic Cloud Workflows. , 2020, , .		2
101	Cost Minimization Algorithm for Provisioning Cloud Resources. , 2020, , .		1
102	Investigation of the Anticancer Activity of Coordination-Driven Self-AssembledTwo-Dimensional Ruthenium Metalla-Rectangle. Molecules, 2019, 24, 2284.	3.8	7
103	Electrospun carbon nanofiber-encapsulated NiS nanoparticles as an efficient catalyst for hydrogen production from hydrolysis of sodium borohydride. International Journal of Hydrogen Energy, 2019, 44, 21716-21725.	7.1	30
104	Electrospun Bimetallic NiCr Nanoparticles@Carbon Nanofibers as an Efficient Catalyst for Hydrogen Generation from Ammonia Borane. Nanomaterials, 2019, 9, 1082.	4.1	21
105	Long-term urinary functional outcome of vesicourethral anastomosis with bidirectional poliglecaprone (Monocryl®) vs. barbed polyglyconate suture (V-LocTM 180) in robot-assisted radical prostatectomy. Canadian Urological Association Journal, 2019, 14, E74-E79.	0.6	2
106	lridium complex immobilization on covalent organic framework for effective C—H borylation. APL Materials, 2019, 7, .	5.1	24
107	Frontispiz: Reaction Environment Modification in Covalent Organic Frameworks for Catalytic Performance Enhancement. Angewandte Chemie, 2019, 131, .	2.0	1
108	Single-nozzle Core-shell Electrospun Nanofibers of PVP/Dextran as Drug Delivery System. Fibers and Polymers, 2019, 20, 2078-2089.	2.1	27

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109	Alkali-activated electrospun carbon nanofibers as an efficient bifunctional adsorbent for cationic and anionic dyes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 582, 123835.	4.7	29
110	Pore surface engineering of covalent organic frameworks: structural diversity and applications. Nanoscale, 2019, 11, 21679-21708.	5.6	82
111	Microporous Cyclen-Based Octacarboxylate Hydrogen-Bonded Organic Framework Exhibiting Selective Gas Adsorption. Crystal Growth and Design, 2019, 19, 6377-6380.	3.0	18
112	Facile Synthesis of Mesoporous α-Fe2O3@g-C3N4-NCs for Efficient Bifunctional Electro-catalytic Activity (OER/ORR). Scientific Reports, 2019, 9, 14139.	3.3	84
113	Solvent-free microwave-assisted synthesis of tenorite nanoparticle-decorated multi-walled carbon nanotubes. Journal of Materials Science and Technology, 2019, 35, 1121-1127.	10.7	14
114	Hollow capsules of doped carbon incorporating metal@metal sulfide and metal@metal oxide coreâ€"shell nanoparticles derived from metalâ€"organic framework composites for efficient oxygen electrocatalysis. Journal of Materials Chemistry A, 2019, 7, 3624-3631.	10.3	53
115	Block copolymer ordering on elastomeric substrates of tunable surface energy. Emergent Materials, 2019, 2, 11-22.	5.7	13
116	Tunable Synthesis of Hollow Metal–Nitrogen–Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. ACS Nano, 2019, 13, 8087-8098.	14.6	106
117	Physico-chemical properties and catalytic activity of the sol-gel prepared Ce-ion doped LaMnO3 perovskites. Scientific Reports, 2019, 9, 7747.	3.3	51
118	Effective adsorption of Coomassie brilliant blue dye using poly(phenylene diamine)grafted electrospun carbon nanofibers as a novel adsorbent. Materials Chemistry and Physics, 2019, 234, 133-145.	4.0	62
119	Frontispiece: Reaction Environment Modification in Covalent Organic Frameworks for Catalytic Performance Enhancement. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
120	Electrochemical N2 fixation by Cu-modified iron oxide dendrites. Journal of Colloid and Interface Science, 2019, 552, 312-318.	9.4	33
121	Pore environment engineering in metal–organic frameworks for efficient ethane/ethylene separation. Journal of Materials Chemistry A, 2019, 7, 13585-13590.	10.3	91
122	Optimization of Redox and Catalytic Performance of LaFeO3 Perovskites: Synthesis and Physicochemical Properties. Journal of Electronic Materials, 2019, 48, 4351-4361.	2.2	16
123	Reaction Environment Modification in Covalent Organic Frameworks for Catalytic Performance Enhancement. Angewandte Chemie, 2019, 131, 8762-8767.	2.0	40
124	Reaction Environment Modification in Covalent Organic Frameworks for Catalytic Performance Enhancement. Angewandte Chemie - International Edition, 2019, 58, 8670-8675.	13.8	128
125	Vanadium Docked Covalent-Organic Frameworks: An Effective Heterogeneous Catalyst for Modified Mannich-Type Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 4878-4888.	6.7	46
126	Ideal Number of Computers for Real-Time Underwater Computing Systems. , 2019, , .		4

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127	Fabrication of functionalized electrospun carbon nanofibers for enhancing lead-ion adsorption from aqueous solutions. Scientific Reports, 2019, 9, 19467.	3.3	44
128	Defective graphene for electrocatalytic CO2 reduction. Journal of Colloid and Interface Science, 2019, 534, 332-337.	9.4	66
129	Covalent Organic Framework Decorated with Vanadium as a New Platform for Prins Reaction and Sulfide Oxidation. ACS Applied Materials & Sulfide Oxidation. ACS Applied Materials & Sulfide Oxidation.	8.0	66
130	NbO ₂ Electrocatalyst Toward 32% Faradaic Efficiency for N ₂ Fixation. Small Methods, 2019, 3, 1800386.	8.6	111
131	rGO supported NiWO4 nanocomposites for hydrogen evolution reactions. Materials Letters, 2019, 240, 51-54.	2.6	52
132	Capillary Force Lithography Pattern-Directed Self-Assembly (CFL-PDSA) of Phase-Separating Polymer Blend Thin Films. ACS Omega, 2018, 3, 2161-2168.	3.5	16
133	Structure, nanomechanics, and dynamics of dispersed surfactantâ€free clay nanocomposite films. Polymer Engineering and Science, 2018, 58, 1285-1295.	3.1	2
134	Monopolar Transurethral Enucleo-Resection of the Prostate Versus Holmium Laser Enucleation of the Prostate: A Canadian Novel Experience. Journal of Endourology, 2018, 32, 509-515.	2.1	6
135	Mechanistic Pathways and Identification of the Electrochemically Generated Oxidation Products of Flavonoid Eriodictyol in the Presence of Glutathione. Electroanalysis, 2018, 30, 1714-1722.	2.9	5
136	Sensitive and selective aggregation based colorimetric sensing of Fe3+ via interaction with acetyl salicylic acid derived gold nanoparticles. Sensors and Actuators B: Chemical, 2018, 259, 1006-1012.	7.8	42
137	Controlling nanoparticle crystallinity and surface enrichment in polymer (P3HT)/Nanoparticle(PCBM) blend films with tunable soft confinement. Polymer, 2018, 136, 37-46.	3.8	4
138	CoCr 7 C 3 -like nanorods embedded on carbon nanofibers as effective electrocatalyst for methanol electro-oxidation. International Journal of Hydrogen Energy, 2018, 43, 9943-9953.	7.1	18
139	Unconventional morphologies of CoO nanocrystals <i>via</i> controlled oxidation of cobalt oleate precursors. Chemical Communications, 2018, 54, 3867-3870.	4.1	6
140	Does surgical delay for radical prostatectomy affect biochemical recurrence? A retrospective analysis from a Canadian cohort. World Journal of Urology, 2018, 36, 1-6.	2.2	20
141	Cellulose gum and copper nanoparticles based hydrogel as antimicrobial agents against urinary tract infection (UTI) pathogens. International Journal of Biological Macromolecules, 2018, 109, 803-809.	7.5	42
142	Analytical Performance Modeling of Non-Deterministic Cloud Workflows Using CSM. , 2018, , .		2
143	Hierarchically Patterned Elastomeric and Thermoplastic Polymer Films through Nanoimprinting and Ultraviolet Light Exposure. ACS Omega, 2018, 3, 15426-15434.	3.5	10
144	Sub-5Ânm SnO ₂ chemically coupled hollow carbon spheres for efficient electrocatalytic CO ₂ reduction. Journal of Materials Chemistry A, 2018, 6, 20121-20127.	10.3	72

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145	Perioperative predictors for post-prostatectomy urinary incontinence in prostate cancer patients following robotic-assisted radical prostatectomy: Long-term results of a Canadian prospective cohort. Canadian Urological Association Journal, 2018, 13, E125-E131.	0.6	17
146	Cobalt nanoparticles incorporated into hollow doped porous carbon capsules as a highly efficient oxygen reduction electrocatalyst. Catalysis Science and Technology, 2018, 8, 5244-5250.	4.1	17
147	Lower Activation Energy for Catalytic Reactions through Host–Guest Cooperation within Metal–Organic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 10107-10111.	13.8	166
148	Lower Activation Energy for Catalytic Reactions through Host–Guest Cooperation within Metal–Organic Frameworks. Angewandte Chemie, 2018, 130, 10264-10268.	2.0	33
149	Mesoporous tin oxide for electrocatalytic CO2 reduction. Journal of Colloid and Interface Science, 2018, 531, 564-569.	9.4	44
150	Polymer-Based Electrospun Nanofibers for Biomedical Applications. Nanomaterials, 2018, 8, 259.	4.1	171
151	Facile Approach to Graft Ionic Liquid into MOF for Improving the Efficiency of CO ₂ Chemical Fixation. ACS Applied Materials & Interfaces, 2018, 10, 27124-27130.	8.0	142
152	Excellent supercapacitance performance of 3-D mesoporous carbon with large pores from FDU-12 prepared using a microwave method. RSC Advances, 2018, 8, 17017-17024.	3.6	15
153	Fabrication of hybrid nanocomposite derived from chitosan as efficient electrode materials for supercapacitor. International Journal of Biological Macromolecules, 2018, 120, 2271-2278.	7.5	27
154	<i>In-Situ</i> Synthesis of Amorphous Co Nanoparticles Supported onto TiO ₂ Nanofibers as a Catalyst for Hydrogen Generation from the Hydrolysis of Ammonia Borane. Journal of Nanoscience and Nanotechnology, 2018, 18, 4714-4719.	0.9	13
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