

Sea-Fue Wang

List of Publications by Year in descending order

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293
papers

6,917
citations

71102

41
h-index

114465

63
g-index

294
all docs

294
docs citations

294
times ranked

6788
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of La _{0.8} Sr _{0.2} MnO ₃ and Ag electrodes on bismuth-oxide-based low-temperature solid electrolyte oxygen generators. <i>Ceramics International</i> , 2022, 48, 1132-1141.	4.8	3
2	Synergetic effect of the ultrasonic-assisted hydrothermal process on the photocatalytic performance of MoS ₂ and WS ₂ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8858-8867.	2.2	4
3	Solvothermal synthesis of silver tungstate integrated with carbon nitrides matrix composites for highly sensitive electrochemical nitrofurantoin derivative sensing in biological samples. <i>Analytica Chimica Acta</i> , 2022, 1192, 339355.	5.4	18
4	Sea-Urchin-Like Bi ₂ S ₃ Microstructures Decorated with Graphitic Carbon Nitride Nanosheets for Use in Food Preservation. <i>ACS Applied Nano Materials</i> , 2022, 5, 2375-2384.	5.0	31
5	Silver-capped selenium explored as an electro-catalyst for simultaneous detection of nitro-aromatic drugs in different aqueous samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 108, 243-253.	5.8	3
6	Effect of a Rubidium Chloride Carrier Confinement Layer on the Characteristics of CsPbBr ₃ Perovskite Light-Emitting Diodes. <i>Nanoscale Research Letters</i> , 2022, 17, 2.	5.7	1
7	High-performance anode-supported solid oxide fuel cells with co-fired Sm _{0.2} Ce _{0.8} O _{2-δ} /La _{0.8} Sr _{0.2} Ga _{0.8} Mg _{0.2} O _{3-δ} /Sm _{0.2} Ce _{0.8} O _{2-δ} sandwiched electrolyte. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5429-5438.	7.1	12
8	One-Pot Green Recovery of Copper Oxide nanoparticles from Discarded Printed Circuit Boards for electrode material in Supercapacitor Application. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106180.	10.8	32
9	Physical and sealing properties of BaO-Al ₂ O ₃ -SiO ₂ -CaO-V ₂ O ₅ glasses for solid oxide fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 10044-10055.	7.1	7
10	Pt Nanoparticle-Decorated Se Rods for Electrochemical Detection of 17 β -Estradiol and Methanol Oxidation. <i>ACS Applied Nano Materials</i> , 2022, 5, 1944-1957.	5.0	10
11	Promotional effects of Pt-CeO ₂ fabricated by hydrothermal leaching of Al ₇₈ Ce _{22-x} Pt _x (x = 0, 0.1) intermetallic compound for efficient catalytic CO oxidation. <i>Journal of Solid State Chemistry</i> , 2022, 309, 122984.	2.9	1
12	Versatile deep eutectic solvent assisted synthesis of ZnB ₂ O ₄ (B = Al, Co, Cr) spinels: The effect of B site variants for comparing the bifunctional electrochemical sensing application. <i>Chemical Engineering Journal</i> , 2022, 435, 134136.	12.7	37
13	Green Synthesis of Magnetic Ferrites (Fe ₃ O ₄), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (CoFe Extract for Cancer Hyperthermia Activities. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-7.	2.1	14
14	Growth of 2D-layered double hydroxide nanorods heterojunction with 2D tungsten carbide nanocomposite: Improving the electrochemical sensing of norfloxacin. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 110, 434-446.	5.8	15
15	A study on Ti-doped Fe ₃ O ₄ anode for Li ion battery using machine learning, electrochemical and distribution function of relaxation times (DFRTs) analyses. <i>Scientific Reports</i> , 2022, 12, 4851.	3.3	11
16	Volume effects on microstructures and magnetic properties of MnGa thin films during order-disorder transformation. <i>Vacuum</i> , 2022, , 111068.	3.5	1
17	Physical and structural characteristics of sol-gel derived Ca-B ₂ O ₃ -SiO ₂ glass-ceramics and their dielectric properties in the 5G millimeter-wave bands. <i>Ceramics International</i> , 2022, 48, 9030-9037.	4.8	10
18	Surfactant-Assisted Synthesis of Praseodymium Orthovanadate Nanofiber-Supported NiFe-Layered Double Hydroxide Bifunctional Catalyst: The Electrochemical Detection and Degradation of Diphenylamine. <i>Inorganic Chemistry</i> , 2022, 61, 5824-5835.	4.0	27

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19	Amperometric detection of antibiotic drug ciprofloxacin using cobalt-iron Prussian blue analogs capped on carbon nitride. <i>Mikrochimica Acta</i> , 2022, 189, 31.	5.0	10
20	Integration of iron-manganese layered double hydroxide/tungsten carbide composite: An electrochemical tool for diphenylamine H ⁺ analysis in environmental samples. <i>Environmental Research</i> , 2022, 212, 113291.	7.5	4
21	Biomass-derived porous activated carbon from <i>anacardium occidentale</i> shell as electrode material for supercapacitors. <i>New Journal of Chemistry</i> , 2022, 46, 8863-8873.	2.8	10
22	Modification of glassy carbon electrode with manganese cobalt oxide-cubic like structures incorporated graphitic carbon nitride sheets for the voltammetric determination of 2,4,6-trichlorophenol. <i>Mikrochimica Acta</i> , 2022, 189, 205.	5.0	20
23	An effective morphology controlled hydrothermal synthesis of Bi ₂ WO ₆ and its application in riboflavin electrochemical sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129183.	4.7	6
24	Synthesis of transition metal titanium oxide (MTiO _x , M = Mn, Fe, Cu) and its application in furazolidone electrochemical sensor. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 111, 356-368.	5.8	11
25	Colloidal synthesis of perovskite-type lanthanum aluminate incorporated graphene oxide composites: Electrochemical detection of nitrite in meat extract and drinking water. <i>Mikrochimica Acta</i> , 2022, 189, 210.	5.0	18
26	Effective conversion of Cassia fistula dry fruits biomass into porous activated carbon for supercapacitors. <i>Materials Chemistry and Physics</i> , 2022, 286, 126188.	4.0	20
27	Synchronously activated strontium aluminate nanoflakes anchored functionalized carbon nanofiber nanocomposite for sensitive amperometric detection of food additive: Propyl gallate. <i>Food Chemistry</i> , 2022, 389, 133119.	8.2	24
28	Hierarchically Ordered Tungsten Antimonate Nanoflowers Anchored on Carbon Nanofibers for Electrochemical Detection of a Food Additive. <i>ACS Applied Nano Materials</i> , 2022, 5, 10331-10340.	5.0	10
29	A simple chemical approach for synthesis of Sr ₂ Co ₂ O ₅ nanoparticles and its application in the detection of chloramphenicol and in energy storage systems. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114911.	3.8	22
30	Novel voltammetric detection of norfloxacin in urine and blood serum using a flexible Ni foam based Ni-Co-MOF ultrathin nanosheets derived from Ni-Co-LDH. <i>Microchemical Journal</i> , 2021, 160, 105747.	4.5	25
31	Fabrication of Co ₃ O ₄ nanoparticle-decorated porous activated carbon electrode for the electrochemical detection of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2021, 45, 18358-18365.	2.8	25
32	CoFe ₂ O ₄ supported g-C ₃ N ₄ nanocomposite for the sensitive electrochemical detection of dopamine. <i>New Journal of Chemistry</i> , 2021, 45, 18131-18138.	2.8	7
33	Synergy of the LaVO ₄ /h-BN Nanocomposite: A Highly Active Electrocatalyst for the Rapid Analysis of Carbendazim. <i>Inorganic Chemistry</i> , 2021, 60, 5271-5281.	4.0	47
34	Synergistic effect of Co ₃ O ₄ nanoparticles with Bauhinia vahlii dry fruits derived activated carbon on energy storage applications. <i>Journal of Solid State Chemistry</i> , 2021, 295, 121931.	2.9	21
35	Hydrothermally synthesized cubical zinc manganite nanostructure for electrocatalytic detection of sulfadiazine. <i>Mikrochimica Acta</i> , 2021, 188, 131.	5.0	26
36	An enhanced electrochemical performance of in milk, pigeon meat and eggs samples using se nanorods capped with Co ₃ O ₄ nanoflowers decorated on graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111577.	5.0	21

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37	Low-Temperature Planar Oxygen Generator with (Bi _{1.50} Y _{0.50}) _{0.98} Zr _{0.04} O _{3+δ} /Bi _{1.71} Nb _{0.25} Ba _{0.04} O _{3+δ} Dual-Layer Electrolyte Membrane. <i>Journal of Electronic Materials</i> , 2021, 50, 4155.	2.2	1
38	Effects of sonochemical approach and induced contraction of core-shell bismuth sulfide/graphitic carbon nitride as an efficient electrode materials for electrocatalytic detection of antibiotic drug in foodstuffs. <i>Ultrasonics Sonochemistry</i> , 2021, 72, 105445.	8.2	32
39	Onset of hard magnetic MnGa thin film on glass substrate. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 524, 167668.	2.3	3
40	Electrochemical detection of antipsychotic drug in water samples based on nano/sub-microrod-like CuBi ₂ xInxO ₄ electrocatalysts. <i>Microchemical Journal</i> , 2021, 163, 105886.	4.5	25
41	Integration of samarium vanadate/carbon nanofiber through synergy: An electrochemical tool for sulfadiazine analysis. <i>Journal of Hazardous Materials</i> , 2021, 408, 124940.	12.4	80
42	Graphene oxide@Ce-doped TiO ₂ nanoparticles as electrocatalyst materials for voltammetric detection of hazardous methyl parathion. <i>Mikrochimica Acta</i> , 2021, 188, 216.	5.0	20
43	Trace level electrochemical detection of mesalazine in human urine sample using poly (N-Vinyl)-2-Pyrrolidone capped Bi-EDTA complex sheets incorporated with ultrasonically exfoliated graphene oxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 122, 67-77.	5.3	14
44	Surface engineering of rose-like lanthanum molybdate electrocatalyst modified screen-printed carbon electrode for robust and highly sensitive sensing of antibiotic drug. <i>Microchemical Journal</i> , 2021, 164, 106044.	4.5	22
45	Highly selective electrochemical detection of diphenylamine in apple samples using rod shaped CuCo ₂ O ₄ derived from bimetallic organic frameworks. <i>Microchemical Journal</i> , 2021, 165, 106146.	4.5	13
46	Engineering Architecture of 3D-Urchin-like Structure and 2D-Nanosheets of Bi ₂ S ₃ @g-C ₃ N ₄ as the Electrode Material for a Solid-State Symmetric Supercapacitor. <i>Energy & Fuels</i> , 2021, 35, 12569-12580.	5.1	56
47	Dielectric Properties and DC Bias Characteristics of BaTi _{1-m} Zr _m O _{3-x} mol.% MgO-4.5 mol.% Gd ₂ O ₃ -2 mol.% SiO ₂ Ceramics. <i>Journal of Electronic Materials</i> , 2021, 50, 5946-5954.	2.2	0
48	High-Performance Electrochemical Sensor Based on Yttrium Sulfide Nanoparticles Decorated Carbon Nitride Heterostructure for Highly Sensitive Detection of Antimicrobial Drug in Biological Samples. <i>Journal of the Electrochemical Society</i> , 2021, 168, 077516.	2.9	10
49	Toward the Development of Disposable Electrodes Based on Holmium Orthovanadate/Boron Nitride: Impacts and Electrochemical Performances of Emerging Inorganic Contaminants. <i>Inorganic Chemistry</i> , 2021, 60, 12425-12435.	4.0	27
50	Well-Designed Construction of Yttrium Orthovanadate Confined on Graphitic Carbon Nitride Sheets: Electrochemical Investigation of Dimetridazole. <i>Inorganic Chemistry</i> , 2021, 60, 13150-13160.	4.0	37
51	Lanthanide type of cerium sulfide embedded carbon nitride composite modified electrode for potential electrochemical detection of sulfaguanidine. <i>Mikrochimica Acta</i> , 2021, 188, 313.	5.0	33
52	Fabrication of Strontium Molybdate Incorporated with Graphitic Carbon Nitride Composite: High-sensitive Amperometric Sensing Platform of Food Additive in Foodstuffs. <i>Microchemical Journal</i> , 2021, 167, 106307.	4.5	17
53	Zirconium Phosphate Supported on g-C ₃ N ₄ Nanocomposite for Sensitive Detection of Nitrite. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087502.	2.9	22
54	Dielectric properties of CaO-B ₂ O ₃ -SiO ₂ glass-ceramic systems in the millimeter-wave frequency range of 20-60 GHz. <i>Ceramics International</i> , 2021, 47, 22627-22635.	4.8	17

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55	Fabrication of highly sensitive anticancer drug sensor based on heterostructured ZnO-Co ₃ O ₄ capped on carbon nitride nanomaterials. <i>Microchemical Journal</i> , 2021, 167, 106244.	4.5	18
56	Selective Electrochemical Sensing Platform Based on the Synergy between Carbon Black and Single-Crystalline Bismuth Sulfide for Rapid Analysis of Antipyretic Drugs. <i>ACS Applied Bio Materials</i> , 2021, 4, 7497-7508.	4.6	16
57	MnCo ₂ O ₄ Microflowers Anchored on P-Doped g-C ₃ N ₄ Nanosheets as an Electrocatalyst for Voltammetric Determination of the Antibiotic Drug Sulfadiazine. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3915-3926.	4.3	44
58	High-performance NdSrCo ₂ O ₅ + λ “Ce _{0.8} Gd _{0.2} O ₂ ” composite cathodes for electrolyte-supported microtubular solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 31778-31787.	7.1	11
59	Revealing the effect of multidimensional ZnO@CNTs/RGO composite for enhanced electrochemical detection of flufenamic acid. <i>Microchemical Journal</i> , 2021, 168, 106448.	4.5	24
60	Facile solid-state synthesis of layered molybdenum boride-based electrode for efficient electrochemical aqueous asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160192.	5.5	32
61	Methyl Orange Adsorption onto Magnetic Fe ₃ O ₄ /Carbon (AC, GO, PGO) Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5756-5764.	0.9	4
62	An electrochemical sensing of phenolic derivative 4-Cyanophenol in environmental water using a facile-constructed Aurivillius-structured Bi ₂ MoO ₆ . <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111701.	6.0	17
63	Sustainable synthesis of AFe ₂ O ₄ (A = Mg, Zn, Mn) catalysts: comparing the photooxidative and electrochemical properties towards organic dyes detection and degradation. <i>New Journal of Chemistry</i> , 2021, 45, 10049-10056.	2.8	26
64	Surface Engineering of Three-Dimensional-like Hybrid AB ₂ O ₄ (AB = Zn, Co, and) Tj ETQq0 0 0 rgBT /Overlock I Electro-catalyst for Clloquinol Detection. <i>ACS Applied Electronic Materials</i> , 2021, 3, 362-372.	4.3	53
65	The simultaneous electrochemical determination of furazolidone and dimetridazole using transition metal titanates with an ilmenite type structure. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15263-15275.	5.5	24
66	Electrochemical sensor-based barium zirconate on sulphur-doped graphitic carbon nitride for the simultaneous determination of nitrofurantoin (antibacterial agent) and nilutamide (anticancer drug). <i>Journal of Electroanalytical Chemistry</i> , 2021, 901, 115782.	3.8	29
67	Interfacial Superassembly of Mo ₂ C@NiMn-LDH Frameworks for Electrochemical Monitoring of Carbendazim Fungicide. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14900-14910.	6.7	56
68	Hydrothermal-Dependent Synthesis of Exfoliated Nickel Cobaltite Layers for Simultaneous Determination of IARC Group 2B, 3B Carcinogens. <i>ACS Applied Nano Materials</i> , 2021, 4, 12788-12797.	5.0	10
69	Effect of Various Deep Eutectic Solvents on the Sustainable Synthesis of MgFe ₂ O ₄ Nanoparticles for Simultaneous Electrochemical Determination of Nitrofurantoin and 4-Nitrophenol. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1479-1486.	6.7	124
70	Highly sensitive determination of cancer toxic mercury ions in biological and human sustenance samples based on green and robust synthesized stannic oxide nanoparticles decorated reduced graphene oxide sheets. <i>Analytica Chimica Acta</i> , 2020, 1137, 181-190.	5.4	21
71	Investigation of sonochemically synthesized sphere-like metal tungstate nanocrystals decorated activated carbon sheets network and its application towards highly sensitive detection of arsenic drug in biological samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 211-219.	5.3	20
72	Synthesis of core-shell-like structure SnS ₂ -SnO ₂ integrated with graphene nanosheets for the electrochemical detection of furazolidone drug in furoxone tablet. <i>Journal of Molecular Liquids</i> , 2020, 313, 113554.	4.9	21

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73	Processing of Ce _{0.8} Gd _{0.2} O _{2-δ} barrier layers for solid oxide cells: The effect of preparation method and thickness on the interdiffusion and electrochemical performance. <i>Journal of the European Ceramic Society</i> , 2020, 40, 5626-5633.	5.7	13
74	Rationally designed RGO@CuO@Mn ₂ O ₃ as an excellent electrocatalyst for the rapid and real-time detection of 2-nitrophenol. <i>New Journal of Chemistry</i> , 2020, 44, 12465-12472.	2.8	24
75	Cobalt molybdate nanorods decorated on boron-doped graphitic carbon nitride sheets for electrochemical sensing of furazolidone. <i>Mikrochimica Acta</i> , 2020, 187, 654.	5.0	40
76	Eutectic Solvent-Mediated Synthesis of NiFe-LDH/Sulfur-Doped Carbon Nitride Arrays: Investigation of Electrocatalytic Activity for the Dimetridazole Sensor in Human Sustenance. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17772-17782.	6.7	84
77	DC bias characteristics of BaTi _{0.65} Zr _{0.35} O ₃ with additives (Gd ₂ O ₃ , SiO ₂ , MgO) for multilayer ceramic capacitors. <i>Ceramics International</i> , 2020, 46, 28227-28236.	4.8	1
78	Electrochemical determination of Hg ²⁺ in sakura shrimp and drinking water using f-CNF/TeO ₂ composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12973-12982.	2.2	8
79	Deep eutectic solvent-based manganese molybdate nanosheets for sensitive and simultaneous detection of human lethal compounds: comparing the electrochemical performances of M-molybdate (M = Mg, Fe, and Mn) electrocatalysts. <i>Nanoscale</i> , 2020, 12, 19719-19731.	5.6	49
80	Effects of exit-stream mixtures of the steam reforming on the intermediate-temperature solid oxide fuel cells with nickel-based anodes. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1305-1312.	2.5	0
81	Electrochemical determination of caffeic acid in antioxidant beverages samples via a facile synthesis of carbon/iron-based active electrocatalyst. <i>Analytica Chimica Acta</i> , 2020, 1122, 76-88.	5.4	29
82	Fabrication of polystyrene/carbon nanocomposites with superior mechanical properties. <i>Polymer Engineering and Science</i> , 2020, 60, 2046-2056.	3.1	9
83	Characterization of new catalysts prepared by in-situ activation of Ce ₅₀ Ni _{50-x} Aux intermetallic compounds for CO oxidation. <i>Intermetallics</i> , 2020, 120, 106748.	3.9	2
84	A ternary nanocomposite based on nickel(III) oxide@f-CNF/rGO for efficient electrochemical detection of an antipsychotic drug (Klonopin) in biological samples. <i>New Journal of Chemistry</i> , 2020, 44, 10250-10257.	2.8	25
85	A novel amperometric determination of flufenamic acid using CuMOF ribbons incorporated with activated carbon. <i>New Journal of Chemistry</i> , 2020, 44, 12586-12594.	2.8	14
86	Layered nanocomposite of zinc sulfide covered reduced graphene oxide and their implications for electrocatalytic applications. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105036.	8.2	25
87	Honeycomb oxygen-generator with doped bismuth-oxide-based electrolyte and Ag electrode. <i>Journal of Electroceramics</i> , 2020, 44, 104-111.	2.0	7
88	Investigations of the effective parameters on the synthesis of monodispersed magnetic Fe ₃ O ₄ by solvothermal method for biomedical applications. <i>AIP Advances</i> , 2020, 10, .	1.3	8
89	Direct pyrolysis and ultrasound assisted preparation of N, S co-doped graphene/Fe ₃ C nanocomposite as an efficient electrocatalyst for oxygen reduction and oxygen evolution reactions. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105111.	8.2	27
90	Design and characterization of apatite La _{9.8} Si _{5.7} Mg _{0.3} O ₂₆ ± δ -based micro-tubular solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020, 460, 228072.	7.8	10

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91	Simple and Highly Selective Electrochemical Sensor Constructed Using Silver Molybdate Nano-Wire Modified Electrodes for the Determination of Oxidative Stress Biomarker in Blood Serum and Lens Cleaning Solution. <i>Journal of the Electrochemical Society</i> , 2020, 167, 147501.	2.9	12
92	Effects of Ca ²⁺ , Mg ²⁺ , Na ⁺ , and K ⁺ substitutions on the microstructure and electrical properties of GdCoO ₃ ceramics. <i>Journal of Electroceramics</i> , 2020, 45, 75-83.	2.0	0
93	Exsolution of Ni nanoparticles on the surface of cerium and nickel co-doped lanthanum strontium titanate as a new anodic layer for DLR-SOFC. Anti-coking potential and H ₂ S poisoning resistance of the prepared material. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 29186-29200.	7.1	11
94	Effects of Na ⁺ , K ⁺ and B ³⁺ Substitutions on the Electrical Properties of La ₁₀ Si ₆ O ₂₇ Ceramics. <i>Journal of Electronic Materials</i> , 2019, 48, 6287-6297.	2.2	5
95	Fabrication of Magnetic Fe ₃ O ₄ Nanoparticles with Unidirectional Extension Pattern by a Facile and Eco-Friendly Microwave-Assisted Solvothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7645-7653.	0.9	8
96	Effects of Na ⁺ , K ⁺ and B ³⁺ Substitutions on the Electrical Properties of La ₁₀ Si ₆ O ₂₇ Ceramics. <i>ECS Transactions</i> , 2019, 91, 1223-1228.	0.5	2
97	The Sputtering of Heusler Alloy Catalyst onto the Porous Anode of the Intermediate Temperature Solid Oxide Fuel Cells for Ammonia Disassociation. <i>ECS Transactions</i> , 2019, 91, 361-365.	0.5	6
98	Microwave Dielectric Properties of Ca ₄ (La ₄ Pr ₂)(SiO ₄) ₄ (PO ₄) ₂ O ₂ Ceramics Doped with Isovalent and Aliovalent Ions. <i>Journal of Electronic Materials</i> , 2019, 48, 6421-6430.	2.2	0
99	Sub-10 nm multicomponent oxide with forming-free resistive switching characteristics. <i>Thin Solid Films</i> , 2019, 688, 137450.	1.8	2
100	Effects of addition of Sc ₂ O ₃ on microstructure and dielectric properties of BaTiO ₃ -based X8R MLCCs. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 127, 194-201.	4.0	9
101	Novel sonochemical synthesis of Fe ₃ O ₄ nanospheres decorated on highly active reduced graphene oxide nanosheets for sensitive detection of uric acid in biological samples. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104618.	8.2	48
102	Facile Synthesis of Tungsten Carbide Nanosheets for Trace Level Detection of Toxic Mercury Ions in Biological and Contaminated Sewage Water Samples: An Electrocatalytic Approach. <i>Journal of the Electrochemical Society</i> , 2019, 166, B761-B770.	2.9	26
103	A novel electrochemical sensor for determination of DNA damage biomarker (8-hydroxy-2'-deoxyguanosine) in urine using sonochemically derived graphene oxide sheets covered zinc oxide flower modified electrode. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104622.	8.2	53
104	A screen-printed electrode modified with tungsten disulfide nanosheets for nanomolar detection of the arsenic drug roxarsone. <i>Mikrochimica Acta</i> , 2019, 186, 420.	5.0	62
105	A fascinating multifunctional bis(2-(4,5-diphenyl-1H-imidazol-2-yl)phenoxy)nickel complex: An excellent electrode material for supercapacitor and uric acid sensor. <i>Materials Research Bulletin</i> , 2019, 118, 110482.	5.2	12
106	Facile sonochemical synthesis of perovskite-type SrTiO ₃ nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of \pm -amino acid (tryptophan). <i>Ultrasonics Sonochemistry</i> , 2019, 56, 193-199.	8.2	96
107	Ultrasound-assisted synthesis of tungsten trioxide entrapped with graphene nanosheets for developing nanomolar electrochemical (hormone) sensor and enhanced sensitivity of the catalytic performance. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 134-142.	8.2	51
108	Couroupita guianensis dead flower derived porous activated carbon as efficient supercapacitor electrode material. <i>Materials Research Bulletin</i> , 2019, 112, 390-398.	5.2	46

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109	Facile synthesis of copper sulfide decorated reduced graphene oxide nanocomposite for high sensitive detection of toxic antibiotic in milk. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 382-390.	8.2	65
110	Fabrication of hierarchical NiCo ₂ S ₄ @CoS ₂ nanostructures on highly conductive flexible carbon cloth substrate as a hybrid electrode material for supercapacitors with enhanced electrochemical performance. <i>Electrochimica Acta</i> , 2019, 293, 328-337.	5.2	169
111	Simple preparation of gold nanoparticle-decorated copper cross-linked pectin for the sensitive determination of hydrogen peroxide. <i>Ionics</i> , 2019, 25, 309-317.	2.4	5
112	Characteristics of La _{0.8} Sr _{0.2} Ga _{0.8} Mg _{0.2} O _{3-δ} -supported micro-tubular solid oxide fuel cells with LaCo _{0.4} Ni _{0.6-x} Cu _x O _{3-δ} cathodes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 5703-5713.	7.1	4
113	Solid oxide fuel cells incorporating doped lanthanum gallate films deposited by radio-frequency magnetron sputtering at various Ar/O ₂ ratios and annealing conditions. <i>Surface and Coatings Technology</i> , 2018, 344, 507-513.	4.8	5
114	Synthesis of hierarchical mesoporous graphite oxide/Al ₂ O ₃ from MIL-100(Al) for the electrochemical determination of caffeic acid in red wine samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 84, 188-195.	5.3	20
115	Solid oxide fuel cells with apatite-type lanthanum silicate-based electrolyte films deposited by radio frequency magnetron sputtering. <i>Journal of Power Sources</i> , 2018, 381, 101-106.	7.8	10
116	Fast Oxidation of Porous Cu Induced by Nano-Twinning. <i>Inorganic Chemistry</i> , 2018, 57, 2908-2916.	4.0	6
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