

Saeed Shahrokhian

List of Publications by Year in descending order

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114
papers

5,543
citations

53794
45
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95266
68
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114
all docs

114
docs citations

114
times ranked

5420
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of petal-like NiCo/NiO-CoO/nanoporous carbon composite based on mixed-metallic MOFs and their application for electrocatalytic oxidation of methanol. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 802-813.	20.2	246
2	Electrochemical sensing based on carbon nanoparticles: A review. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 183-209.	7.8	204
3	A High Performance Supercapacitor Based on Graphene/Polypyrrole/Cu ₂ O@Cu(OH) ₂ Ternary Nanocomposite Coated on Nickel Foam. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6508-6519.	3.1	156
4	Self-supported nanoporous Zn@Ni@Co/Cu selenides microball arrays for hybrid energy storage and electrocatalytic water/urea splitting. <i>Chemical Engineering Journal</i> , 2019, 375, 122090.	12.7	138
5	Simultaneous voltammetric determination of tramadol and acetaminophen using carbon nanoparticles modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2010, 55, 2752-2759.	5.2	137
6	Advanced binder-free electrode based on core-shell nanostructures of mesoporous Co ₃ V ₂ O ₈ -Ni ₃ V ₂ O ₈ thin layers@porous carbon nanofibers for high-performance and flexible all-solid-state supercapacitors. <i>Chemical Engineering Journal</i> , 2018, 341, 10-26.	12.7	131
7	Hybrid energy storage device from binder-free zinc-cobalt sulfide decorated biomass-derived carbon microspheres and pyrolyzed polyaniline nanotube-iron oxide. <i>Energy Storage Materials</i> , 2020, 25, 621-635.	18.0	124
8	Glassy carbon electrode modified with 3D graphene-carbon nanotube network for sensitive electrochemical determination of methotrexate. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 617-627.	7.8	111
9	Highly sensitive nonenzymatic glucose sensing platform based on MOF-derived NiCo LDH nanosheets/graphene nanoribbons composite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 114-123.	3.8	107
10	Ultrasensitive detection of cancer biomarkers using conducting polymer/electrochemically reduced graphene oxide-based biosensor: Application toward BRCA1 sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 160-169.	7.8	98
11	Nanoporous gold as a suitable substrate for preparation of a new sensitive electrochemical aptasensor for detection of Salmonella typhimurium. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1536-1544.	7.8	95
12	Synthesis and characterization of NiCo ₂ O ₄ nanorods for preparation of supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 269-274.	2.5	94
13	Direct growth of metal-organic frameworks thin film arrays on glassy carbon electrode based on rapid conversion step mediated by copper clusters and hydroxide nanotubes for fabrication of a high performance non-enzymatic glucose sensing platform. <i>Biosensors and Bioelectronics</i> , 2018, 112, 100-107.	10.1	92
14	Vanadium dioxide-anchored porous carbon nanofibers as a Na ⁺ intercalation pseudocapacitance material for development of flexible and super light electrochemical energy storage systems. <i>Applied Materials Today</i> , 2018, 10, 72-85.	4.3	88
15	Fabrication of Sensitive Glutamate Biosensor Based on Vertically Aligned CNT Nanoelectrode Array and Investigating the Effect of CNTs density on the electrode performance. <i>Analytical Chemistry</i> , 2012, 84, 5932-5938.	6.5	86
16	One step synthesis of SnS ₂ -SnO ₂ nano-heterostructured as an electrode material for supercapacitor applications. <i>Journal of Alloys and Compounds</i> , 2019, 782, 38-50.	5.5	84
17	Voltammetric studies of sumatriptan on the surface of pyrolytic graphite electrode modified with multi-walled carbon nanotubes decorated with silver nanoparticles. <i>Talanta</i> , 2009, 80, 31-38.	5.5	83
18	One step electrodeposition of V ₂ O ₅ /polypyrrole/graphene oxide ternary nanocomposite for preparation of a high performance supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 21073-21085.	7.1	82

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19	Ternary nickel cobalt iron sulfides ultrathin nanosheets grown on 3-D nickel nanocone arraysâ€”nickel plate current collector as a binder free electrode for fabrication of highly performance supercapacitors. Journal of Electroanalytical Chemistry, 2018, 810, 78-85.	3.8	81
20	Ternary nanostructures of Cr ₂ O ₃ /graphene oxide/conducting polymers for supercapacitor application. Journal of Electroanalytical Chemistry, 2018, 823, 505-516.	3.8	78
21	Design and fabrication of an electrochemical aptasensor using Au nanoparticles/carbon nanoparticles/cellulose nanofibers nanocomposite for rapid and sensitive detection of Staphylococcus aureus. Bioelectrochemistry, 2018, 123, 70-76.	4.6	74
22	Aptamer immobilization on amino-functionalized metalâ€”organic frameworks: an ultrasensitive platform for the electrochemical diagnostic of <i>Escherichia coli</i> O157:H7. Analyst, The, 2018, 143, 3191-3201.	3.5	73
23	In Situ Two-Step Preparation of 3D NiCo-BTC MOFs on a Glassy Carbon Electrode and a Graphitic Screen Printed Electrode as Nonenzymatic Glucose-Sensing Platforms. ACS Sustainable Chemistry and Engineering, 2020, 8, 14340-14352.	6.7	73
24	Electrostatic accumulation and determination of triclosan in ultrathin carbon nanoparticle composite film electrodes. Analytica Chimica Acta, 2007, 593, 117-122.	5.4	72
25	Modified glassy carbon electrodes based on carbon nanostructures for ultrasensitive electrochemical determination of furazolidone. Materials Science and Engineering C, 2016, 61, 842-850.	7.3	72
26	Ultrathin Carbon Nanoparticle Composite Film Electrodes: Distinguishing Dopamine and Ascorbate. Electroanalysis, 2007, 19, 1032-1038.	2.9	67
27	Application of pyrolytic graphite modified with nano-diamond/graphite film for simultaneous voltammetric determination of epinephrine and uric acid in the presence of ascorbic acid. Electrochimica Acta, 2010, 55, 9090-9096.	5.2	66
28	3D flower-like binary nickel cobalt oxide decorated coiled carbon nanotubes directly grown on nickel nanocones and binder-free hydrothermal carbons for advanced asymmetric supercapacitors. Nanoscale, 2019, 11, 2901-2915.	5.6	66
29	Advanced on-site glucose sensing platform based on a new architecture of free-standing hollow Cu(OH) ₂ nanotubes decorated with CoNi-LDH nanosheets on graphite screen-printed electrode. Nanoscale, 2019, 11, 12655-12671.	5.6	63
30	Fabrication of a sensitive and fast response electrochemical glucose sensing platform based on co-based metal-organic frameworks obtained from rapid in situ conversion of electrodeposited cobalt hydroxide intermediates. Talanta, 2020, 210, 120696.	5.5	60
31	Construction of a Ternary Nanocomposite, Polypyrrole/Feâ€”Co Sulfide-Reduced Graphene Oxide/Nickel Foam, as a Novel Binder-Free Electrode for High-Performance Asymmetric Supercapacitors. Journal of Physical Chemistry C, 2020, 124, 4393-4407.	3.1	60
32	Ultralight Flexible Asymmetric Supercapacitors Based On Manganese Dioxideâ€”Polyaniline Nanocomposite and Reduced Graphene Oxide Electrodes Directly Deposited on Foldable Cellulose Papers. Journal of Physical Chemistry C, 2018, 122, 27156-27168.	3.1	59
33	Direct growth of nickel-cobalt oxide nanosheet arrays on carbon nanotubes integrated with binder-free hydrothermal carbons for fabrication of high performance asymmetric supercapacitors. Composites Part B: Engineering, 2019, 172, 41-53.	12.0	59
34	Fabrication of a 2.8 V high-performance aqueous flexible fiber-shaped asymmetric micro-supercapacitor based on MnO ₂ /PEDOT:PSS-reduced graphene oxide nanocomposite grown on carbon fiber electrode. Journal of Materials Chemistry A, 2020, 8, 19588-19602.	10.3	59
35	Application of carbon nanoparticle/chitosan modified electrode for the square-wave adsorptive anodic stripping voltammetric determination of Niclosamide. Electrochemistry Communications, 2010, 12, 66-69.	4.7	56
36	One-step fabrication of electrochemically reduced graphene oxide/nickel oxide composite for binder-free supercapacitors. International Journal of Hydrogen Energy, 2016, 41, 17496-17505.	7.1	55

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37	3D ternary Ni _x Co _{2x} P/C nanoflower/nanourchin arrays grown on HCNs: a highly efficient bi-functional electrocatalyst for boosting hydrogen production <i>via</i> the urea electro-oxidation reaction. Nanoscale, 2020, 12, 16123-16135.	5.6	55
38	Nickel vanadium sulfide grown on nickel copper phosphide Dendrites/Cu fibers for fabrication of all-solid-state wire-type micro-supercapacitors. Chemical Engineering Journal, 2020, 392, 124880.	12.7	53
39	Mesoporous Nanostructured Composite Derived from Thermal Treatment CoFe Prussian Blue Analogue Cages and Electrodeposited NiCo-S as an Efficient Electrocatalyst for an Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2020, 12, 16250-16263.	8.0	53
40	Vertically standing Cu ₂ O nanosheets promoted flower-like PtPd nanostructures supported on reduced graphene oxide for methanol electro-oxidation. Electrochimica Acta, 2018, 259, 36-47.	5.2	52
41	Hybrid supercapacitors constructed from double-shelled cobalt-zinc sulfide/copper oxide nanoarrays and ferrous sulfide/graphene oxide nanostructures. Journal of Colloid and Interface Science, 2021, 585, 750-763.	9.4	52
42	Modification of glassy carbon electrode with a bilayer of multiwalled carbon nanotube/tiron-doped polypyrrole: Application to sensitive voltammetric determination of acyclovir. Materials Science and Engineering C, 2015, 53, 134-141.	7.3	51
43	Bimetallic CoZn-MOFs easily derived from CoZn-LDHs, as a suitable platform in fabrication of a non-enzymatic electrochemical sensor for detecting glucose in human fluids. Sensors and Actuators B: Chemical, 2021, 344, 130254.	7.8	50
44	An efficient two-step approach for improvement of graphene aerogel characteristics in preparation of supercapacitor electrodes. Journal of Energy Storage, 2018, 17, 465-473.	8.1	49
45	Electrochemical study of Azathioprine at thin carbon nanoparticle composite film electrode. Electrochemistry Communications, 2009, 11, 1425-1428.	4.7	46
46	Ni(II) 1D-coordination polymer/C ₆₀ -modified glassy carbon electrode as a highly sensitive non-enzymatic glucose electrochemical sensor. Applied Surface Science, 2019, 478, 361-372.	6.1	46
47	Mesoporous nanostructures of NiCo-LDH/ZnCo ₂ O ₄ as an efficient electrocatalyst for oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 604, 832-843.	9.4	46
48	Electrochemical deposition of gold nanoparticles on carbon nanotube coated glassy carbon electrode for the improved sensing of tinidazole. Electrochimica Acta, 2012, 78, 422-429.	5.2	45
49	In-situ electro-polymerization of graphene nanoribbon/polyaniline composite film: Application to sensitive electrochemical detection of dobutamine. Sensors and Actuators B: Chemical, 2014, 196, 582-588.	7.8	45
50	Nickel-cobalt layered double hydroxide ultrathin nanosheets coated on reduced graphene oxide nanosheets/nickel foam for high performance asymmetric supercapacitors. International Journal of Hydrogen Energy, 2018, 43, 2256-2267.	7.1	45
51	Development of a Sensitive Diagnostic Device Based on Zeolitic Imidazolate Frameworks-8 Using Ferrocene-Graphene Oxide as Electroactive Indicator for <i>Pseudomonas aeruginosa</i> Detection. ACS Sustainable Chemistry and Engineering, 2019, 7, 12760-12769.	6.7	45
52	High-Performance Fiber-Shaped Flexible Asymmetric Microsupercapacitor Based on Ni(OH) ₂ Nanoparticles-Decorated Porous Dendritic Ni-Cu Film/Cu Wire and Reduced Graphene Oxide/Carbon Fiber Electrodes. ACS Sustainable Chemistry and Engineering, 2018, 6, 14574-14588.	6.7	44
53	Smart Chip for Visual Detection of Bacteria Using the Electrochromic Properties of Polyaniline. Analytical Chemistry, 2019, 91, 14960-14966.	6.5	44
54	Evaluation of molecular imprinted polymerized methylene blue/aptamer as a novel hybrid receptor for Cardiac Troponin I (cTnI) detection at glassy carbon electrodes modified with new biosynthesized ZnONPs. Sensors and Actuators B: Chemical, 2020, 320, 128316.	7.8	43

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55	Construction of an electrochemical sensor based on the electrodeposition of Au@Pt nanoparticles mixtures on multi-walled carbon nanotubes film for voltammetric determination of cefotaxime. <i>Analyst</i> , The, 2012, 137, 2706.	3.5	42
56	Electrochemical determination of Clozapine on MWCNTs/New Coccine doped PPY modified GCE: An experimental design approach. <i>Bioelectrochemistry</i> , 2013, 90, 36-43.	4.6	41
57	Electrochemical determination of piroxicam on the surface of pyrolytic graphite electrode modified with a film of carbon nanoparticle-chitosan. <i>Mikrochimica Acta</i> , 2010, 170, 141-146.	5.0	39
58	Adsorptive stripping differential pulse voltammetric determination of mebendazole at a graphene nanosheets and carbon nanospheres/chitosan modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 669-674.	7.8	39
59	Voltammetric studies of Azathioprine on the surface of graphite electrode modified with graphene nanosheets decorated with Ag nanoparticles. <i>Materials Science and Engineering C</i> , 2016, 58, 1098-1104.	7.3	39
60	Nanocomposite with Promoted Electrocatalytic Behavior Based on Bimetallic Pd@Ni Nanoparticles, Manganese Dioxide, and Reduced Graphene Oxide for Efficient Electrooxidation of Ethanol. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9783-9794.	3.1	38
61	Nickel molybdate nanorods supported on three-dimensional, porous nickel film coated on copper wire as an advanced binder-free electrode for flexible wire-type asymmetric micro-supercapacitors with enhanced electrochemical performances. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 325-338.	9.4	37
62	Pd@Au nanoparticle decorated carbon nanotube as a sensing layer on the surface of glassy carbon electrode for electrochemical determination of ceftazidime. <i>Materials Science and Engineering C</i> , 2014, 34, 318-325.	7.3	35
63	Electrochemical determination of naltrexone on the surface of glassy carbon electrode modified with Nafion-doped carbon nanoparticles: Application to determinations in pharmaceutical and clinical preparations. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 212-217.	3.8	34
64	High-Performance, Flexible, All-Solid-State Wire-Shaped Asymmetric Micro-Supercapacitors Based on Three Dimensional CoNi ₂ S ₄ Nanosheets Decorated@Nanoporous Ni@Zn@P Film/Cu Wire. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21353-21366.	3.1	33
65	Electrodeposition of Copper Oxide Nanoparticles on Precasted Carbon Nanoparticles Film for Electrochemical Investigation of anti-HIV Drug Nevirapine. <i>Electroanalysis</i> , 2015, 27, 1989-1997.	2.9	32
66	Transition metal ions-doped polyaniline/graphene oxide nanostructure as high performance electrode for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 983-996.	2.5	32
67	Effect of Long-Chain Ionic Liquids on the Capacitive Performance of Carbon Nanotube-Sulfonated Polyaniline Hydrogels for Energy Storage Applications. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9810-9821.	3.1	32
68	Growth control of cobalt oxide nanoparticles on reduced graphene oxide for enhancement of electrochemical capacitance. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 21068-21075.	7.1	31
69	Nanocellulose/Carbon Nanoparticles Nanocomposite Film Modified Electrode for Durable and Sensitive Electrochemical Determination of Metoclopramide. <i>Electroanalysis</i> , 2015, 27, 2637-2644.	2.9	30
70	Nano composite coating based on cellulose nanofibers/carbon nanoparticles: application to voltammetric determination of clonazepam. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 251-260.	2.5	30
71	A simple label-free electrochemical DNA biosensor based on carbon nanotube@DNA interaction. <i>RSC Advances</i> , 2016, 6, 15592-15598.	3.6	30
72	ZIF-8/PEDOT @ flexible carbon cloth electrode as highly efficient electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1890-1900.	7.1	29

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73	Biomass-derived wearable energy storage systems based on poplar tree-cotton fibers coupled with binary nickel-cobalt nanostructures. <i>Sustainable Energy and Fuels</i> , 2020, 4, 643-654.	4.9	29
74	Enhanced Electrochemical Activity of a Hollow Carbon Sphere/Polyaniline-Based Electrochemical Biosensor for HBV DNA Marker Detection. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2587-2594.	5.2	27
75	Glassy carbon electrode modified with a bilayer of multi-walled carbon nanotube and polypyrrole doped with new coccine: Application to the sensitive electrochemical determination of Sumatriptan. <i>Electrochimica Acta</i> , 2011, 56, 10032-10038.	5.2	26
76	3D flower-like nickel cobalt sulfide directly decorated grassy nickel sulfide and encapsulated iron in carbon sphere hosts as hybrid energy storage device. <i>Applied Surface Science</i> , 2021, 558, 149869.	6.1	26
77	An electrochemical sensing platform based on nitrogen-doped hollow carbon spheres for sensitive and selective isoprenaline detection. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113196.	3.8	24
78	Dual-electrocatalysis behavior of star-like zinc-cobalt-sulfide decorated with cobalt-molybdenum-phosphide in hydrogen and oxygen evolution reactions. <i>Nanoscale</i> , 2021, 13, 17576-17591.	5.6	24
79	Electrochemical determination of atorvastatin on nano-scaled polypyrrole film. <i>Bioelectrochemistry</i> , 2014, 98, 1-10.	4.6	23
80	Iron-vanadium oxysulfide nanostructures as novel electrode materials for supercapacitor applications. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 157-167.	3.8	23
81	Flexible and Mechanically Durable Asymmetric Supercapacitor Based on NiCo-layered Double Hydroxide and Nitrogen-Doped Graphene Using a Simple Fabrication Method. <i>Energy Technology</i> , 2019, 7, 1801002.	3.8	23
82	In-situ electrochemical exfoliation of Highly Oriented Pyrolytic Graphite as a new substrate for electrodeposition of flower like nickel hydroxide: application as a new high-performance supercapacitor. <i>Electrochimica Acta</i> , 2016, 206, 317-327.	5.2	22
83	Glassy carbon electrode modified with a nanocomposite of multi-walled carbon nanotube decorated with Ag nanoparticles for electrochemical investigation of Isoxsuprine. <i>Journal of Electroanalytical Chemistry</i> , 2018, 825, 30-39.	3.8	22
84	Microwave-assisted decoration of cotton fabrics with Nickel-Cobalt sulfide as a wearable glucose sensing platform. <i>Journal of Electroanalytical Chemistry</i> , 2021, 890, 115244.	3.8	21
85	Beyond hierarchical mixed nickel-cobalt hydroxide and ferric oxide formation onto the green carbons for energy storage applications. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 182-195.	9.4	21
86	In-site pulse electrodeposition of manganese dioxide/reduced graphene oxide nanocomposite for high-energy supercapacitors. <i>Journal of Energy Storage</i> , 2022, 46, 103802.	8.1	21
87	Anodic pulse electrodeposition of mesoporous manganese dioxide nanostructures for high performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161376.	5.5	20
88	Biomimetic Sensor for Dobutamine Employing Nano-TiO ₂ /Nafion/Carbon Nanoparticles Modified Electrode. <i>Electroanalysis</i> , 2016, 28, 970-978.	2.9	18
89	Titanium disulfide decorated hollow carbon spheres towards capacitive deionization. <i>Desalination</i> , 2022, 533, 115766.	8.2	18
90	Sensitive Electrochemical Sensor for Determination of Methyldopa Based on Polypyrrole/Carbon Nanoparticle Composite Thin Film Made by In Situ Electropolymerization. <i>Electroanalysis</i> , 2011, 23, 2248-2254.	2.9	17

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91	Modification of the Electrode Surface by Ag Nanoparticles Decorated Nano Diamondâ€graphite for Voltammetric Determination of Ceftizoxime. <i>Electroanalysis</i> , 2016, 28, 469-476.	2.9	17
92	Polyphosphate-reduced graphene oxide on Ni foam as a binder free electrode for fabrication of high performance supercapacitor. <i>Electrochimica Acta</i> , 2019, 296, 130-141.	5.2	17
93	Facile synthesis of N-doped hollow carbon nanospheres wrapped with transition metal oxides nanostructures as non-precious catalysts for the electro-oxidation of hydrazine. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114437.	3.8	17
94	Application of glassy carbon electrode modified with a carbon nanoparticle/melamine thin film for voltammetric determination of raloxifene. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 126-133.	3.8	16
95	Fabrication of Trimetallic Ptâ€Pdâ€Co Porous Nanostructures on Reduced Graphene Oxide by Galvanic Replacement: Application to Electrocatalytic Oxidation of Ethylene Glycol. <i>Electroanalysis</i> , 2017, 29, 2591-2601.	2.9	16
96	Facile preparation of a highly sensitive non-enzymatic glucose sensor based on the composite of Cu(OH) ₂ nanotubes arrays and conductive polypyrrole. <i>Microchemical Journal</i> , 2021, 169, 106636.	4.5	16
97	Application of Glassy Carbon Electrode Modified with a Bilayer of Multiwalled Carbon Nanotube and Polypyrrole Doped with Nitrazine Yellow for Voltammetric Determination of Naltrexone. <i>Electroanalysis</i> , 2011, 23, 2925-2934.	2.9	15
98	Development of an electrochemical sensor based on (rGO-CNT) nanocomposite for raloxifene analysis. <i>Materials Chemistry and Physics</i> , 2021, 263, 124131.	4.0	15
99	Ultrafast Two-Step Synthesis of S-Doped Fe/Ni (Oxy)Hydroxide/Ni Nanocone Arrays on Carbon Cloth and Stainless-Steel Substrates for Water-Splitting Applications. <i>ACS Applied Energy Materials</i> , 2021, 4, 10627-10638.	5.1	15
100	Modification of a glassy carbon electrode with a bilayer of multiwalled carbon nanotube/benzene disulfonate-doped polypyrrole: application to sensitive voltammetric determination of olanzapine. <i>RSC Advances</i> , 2014, 4, 40553-40560.	3.6	14
101	In-situ fabrication of nanosheet arrays on copper foil as a new substrate for binder-free high-performance electrochemical supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2017, 802, 48-56.	3.8	13
102	Three-dimensional hybrid of ironâ€titanium mixed oxide/nitrogen-doped graphene on Ni foam as a superior electrocatalyst for oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 241-251.	9.4	13
103	Fabrication of a microdialysis-based nonenzymatic microfluidic sensor for regular glucose measurement. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129569.	7.8	13
104	Coupling NiCoS and CoFeS Frame/Cagelike Hybrid as an Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2022, 5, 5199-5211.	5.1	13
105	Cobalt vanadium chalcogenide microspheres decorated with dendrite-like fiber nanostructures for flexible wire-typed energy conversion and storage microdevices. <i>Nanoscale</i> , 2022, 14, 9150-9168.	5.6	13
106	Silver nanowires immobilized on gold-modified glassy carbon electrode for electrochemical quantification of atorvastatin. <i>Journal of Electroanalytical Chemistry</i> , 2020, 876, 114540.	3.8	12
107	Direct conversion of inorganic complexes to platinum/thin oxide nanoparticles decorated on MOF-derived chromium oxide/nanoporous carbon composite as an efficient electrocatalyst for ethanol oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 655-666.	9.4	11
108	Direct fabrication of phosphorus-doped nickel sulfide and eco-friendly biomass-derived humic acid as efficient electrodes for energy storage applications. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4869-4881.	4.9	11

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109	Investigation of the electrochemical behavior of tizanidine on the surface of glassy carbon electrode modified with multi-walled carbon nanotube/titan yellowâ€“doped polypyrrole. Journal of Electroanalytical Chemistry, 2018, 823, 146-154.	3.8	10
110	Hydrogen bubble template fabricated nano-architecture quaternary dendritic sulfide as cathode and electro-etched carbon fiber paper as anode electrode for total novel binder-free asymmetric supercapacitors. Journal of Alloys and Compounds, 2019, 811, 152016.	5.5	10
111	Hierarchical nickelâ€“cobalt sulfide/niobium pentoxide decorated green carbon spheres toward efficient energy storage. Sustainable Energy and Fuels, 2022, 6, 3042-3055.	4.9	9
112	Ruthenium/Ruthenium oxide hybrid nanoparticles anchored on hollow spherical Copper-Cobalt Nitride/Nitrogen doped carbon nanostructures to promote alkaline water splitting: Boosting catalytic performance via synergy between morphology engineering, electron transfer tuning and electronic behavior modulation. Journal of Colloid and Interface Science, 2022, 626, 1070-1084.	9.4	9
113	Sugar-cubic Fe ₂ O ₃ /nitrogen-doped graphene nanocomposite as high-performance anode material for oxygen evolution reaction. Journal of Alloys and Compounds, 2022, 910, 164852.	5.5	6
114	Facile synthesis of iron titanate/nitrogen-doped graphene on Ni foam as a binder-free electrocatalyst for oxygen evolution reaction. Journal of Electroanalytical Chemistry, 2022, 904, 115950.	3.8	1