

Hadi Hosseini

List of Publications by Year in descending order

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51
papers

2,704
citations

186265

28
h-index

182427

51
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51
all docs

51
docs citations

51
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical nickel hydroxide nanosheets grown on hollow nitrogen doped carbon nanoboxes as a high-performance surface substrate for alpha-fetoprotein cancer biomarkers electrochemical aptasensing. <i>Talanta</i> , 2022, 237, 122924.	5.5	25
2	A novel ultrasensitive biosensor based on NiCo-MOF nanostructure and confined to flexible carbon nanofibers with high-surface skeleton to rapidly detect <i>Helicobacter pylori</i> . <i>Materials Science in Semiconductor Processing</i> , 2022, 139, 106351.	4.0	17
3	Amorphous Ni(OH) ₂ nano-boxes as a high performance substrate for aptasensor application. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 189, 110649.	5.0	6
4	Gold nanostructures integrated on hollow carbon N-doped nanocapsules as a novel high-performance aptasensing platform for <i>Helicobacter pylori</i> detection. <i>Journal of Materials Science</i> , 2022, 57, 589-597.	3.7	7
5	Label-free electrochemical aptasensor for rapid detection of SARS-CoV-2 spike glycoprotein based on the composite of Cu(OH) ₂ nanorods arrays as a high-performance surface substrate. <i>Bioelectrochemistry</i> , 2022, 146, 108106.	4.6	25
6	Metal-organic frameworks-derived Zn-Ni-P nanostructures as high performance electrode materials for electrochemical sensing. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116441.	3.8	8
7	Synthesis and characterization of NiCo-X (X = OH, S, Se, P) nanodiscs and comparison of their electrocatalytic performances in an electrochemical sensing platform. <i>New Journal of Chemistry</i> , 2022, 46, 14616-14625.	2.8	5
8	Cobalt based Metal Organic Framework/Graphene nanocomposite as high performance battery-type electrode materials for asymmetric Supercapacitors. <i>Journal of Energy Storage</i> , 2021, 33, 101925.	8.1	44
9	Hollow carbon nanocapsules-based nitrogen-doped carbon nanofibers with rosary-like structure as a high surface substrate for impedimetric detection of <i>Pseudomonas aeruginosa</i> . <i>Talanta</i> , 2021, 223, 121700.	5.5	19
10	Three-dimensional NiCo ₂ O ₄ nanowires encapsulated in nitrogen-doped carbon networks as a high-performance aptamer stabilizer for impedimetric ultrasensitive detection of hepatitis C virus core antigen. <i>Surfaces and Interfaces</i> , 2021, 22, 100813.	3.0	18
11	Electrochemical immunosensor with Cu ₂ O nanocube coating for detection of SARS-CoV-2 spike protein. <i>Mikrochimica Acta</i> , 2021, 188, 105.	5.0	101
12	Two-Dimensional Mesoporous Copper Hydroxide Nanosheets Shelled on Hollow Nitrogen-Doped Carbon Nanoboxes as a High Performance Aptasensing Platform. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11080-11090.	6.7	18
13	Metal-organic framework-derived CoNi-P nanoparticles confined into flexible carbon nanofibers skeleton as high-performance oxygen reduction reaction catalysts. <i>Surfaces and Interfaces</i> , 2021, 25, 101207.	3.0	10
14	Rationally designed of hollow nitrogen doped carbon nanotubes double shelled with hierarchical nickel hydroxide nanosheet as a high performance surface substrate for cortisol aptasensing. <i>Electrochimica Acta</i> , 2021, 388, 138608.	5.2	16
15	An electrochemical immunosensor using SARS-CoV-2 spike protein-nickel hydroxide nanoparticles bio-conjugate modified SPCE for ultrasensitive detection of SARS-CoV-2 antibodies. <i>Microchemical Journal</i> , 2021, 170, 106718.	4.5	47
16	Synergic effect of physically-mixed metal organic framework based electrodes as a high efficient material for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 44, 103248.	8.1	12
17	Thionine functionalized hollow N-doped carbon nanoboxes: As a high-performance substrate for fabrication of label-free electrochemical aptasensor toward ultrasensitive detection of carcinoembryonic antigen. <i>Journal of Electroanalytical Chemistry</i> , 2021, 903, 115858.	3.8	8
18	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

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19	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. <i>Talanta</i> , 2020, 210, 120696.	5.5	60
20	Advanced core-shell nanostructures based on porous NiCo-P nanodiscs shelled with NiCo-LDH nanosheets as a high-performance electrochemical sensing platform. <i>Electrochimica Acta</i> , 2020, 362, 137218.	5.2	25
21	Design of an electrochemical aptasensor based on porous nickel-cobalt phosphide nanodiscs for the impedimetric determination of ractopamine. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114557.	3.8	22
22	Hierarchical hollow sea-urchin-like Ni-Co diselenide encapsulated in N-doped carbon networks as an advanced core-shell bifunctional electrocatalyst for fabrication of nonenzymatic glucose and hydrogen peroxide sensors. <i>Sensors and Actuators B: Chemical</i> , 2020, 324, 128730.	7.8	26
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. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14340-14352.	6.7	73
24	Facile synthesis of a covalent organic framework (COF) based on the reaction of melamine and trimesic acid incorporated electrospun nanofiber and its application as an electrochemical tyrosinamide aptasensor. <i>New Journal of Chemistry</i> , 2020, 44, 14922-14927.	2.8	28
25	Rational design of hollow core-double shells hybrid nanoboxes and nanopipes composed of hierarchical Cu-Ni-Co selenides anchored on nitrogen-doped carbon skeletons as efficient and stable bifunctional electrocatalysts for overall water splitting. <i>Chemical Engineering Journal</i> , 2020, 402, 126174.	12.7	69
26	Synthesis of Nano-Flower Metal-Organic Framework/Graphene Composites As a High-Performance Electrode Material for Supercapacitors. <i>Journal of Electronic Materials</i> , 2019, 48, 7011-7024.	2.2	34
27	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
28	Synergistic effect of Ni-based metal organic framework with graphene for enhanced electrochemical performance of supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 12351-12363.	2.2	33
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. <i>Nanoscale</i> , 2019, 11, 12655-12671.	5.6	63
30	Direct growth of nickel-cobalt oxide nanosheet arrays on carbon nanotubes integrated with binder-free hydrothermal carbons for fabrication of high performance asymmetric supercapacitors. <i>Composites Part B: Engineering</i> , 2019, 172, 41-53.	12.0	59
31	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
32	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
33	Ternary nickel cobalt iron sulfides ultrathin nanosheets grown on 3-D nickel nanocone arrays-nickel plate current collector as a binder free electrode for fabrication of highly performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2018, 810, 78-85.	3.8	81
34	An efficient two-step approach for improvement of graphene aerogel characteristics in preparation of supercapacitor electrodes. <i>Journal of Energy Storage</i> , 2018, 17, 465-473.	8.1	49
35	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
36	Water-Soluble Metal-Organic Framework Hybrid Electron Injection Layer for Organic Light-Emitting Devices. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1800-1805.	3.7	11

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37	Mesoporous MnNiCoO ₄ @MnO ₂ core-shell nanowire/nanosheet arrays on flexible carbon cloth for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2016, 222, 505-517.	5.2	61
38	Fabrication of novel redox-active poly (4,5-dihydro-1,3-thiazol-2-ylsulfanyl-3-methyl-1,2-benzenediol)-gold nanoparticles film on MWCNTs modified electrode: Application as the electrochemical sensor for the determination of hydrazine. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 82-91.	7.8	35
39	A novel bioelectrochemical sensing platform based on covalently attachment of cobalt phthalocyanine to graphene oxide. <i>Biosensors and Bioelectronics</i> , 2014, 52, 136-142.	10.1	51
40	Pd and PdCo alloy nanoparticles supported on polypropylenimine dendrimer-grafted graphene: A highly efficient anodic catalyst for direct formic acid fuel cells. <i>Journal of Power Sources</i> , 2014, 247, 70-77.	7.8	59
41	Nonenzymatic glucose and hydrogen peroxide sensors based on catalytic properties of palladium nanoparticles/poly(3,4-ethylenedioxythiophene) nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 85-91.	7.8	59
42	Ordered carbohydrate-derived porous carbons immobilized gold nanoparticles as a new electrode material for electrocatalytical oxidation and determination of nicotinamide adenine dinucleotide. <i>Biosensors and Bioelectronics</i> , 2014, 59, 412-417.	10.1	80
43	Electrochemical study and differential pulse voltammetric determination of oxcarbazepine and its main metabolite at a glassy carbon electrode. <i>Analytical Methods</i> , 2014, 6, 850-856.	2.7	8
44	Yellow-Orange Electroluminescence of Novel Tin Complexes. <i>Journal of Electronic Materials</i> , 2013, 42, 2915-2925.	2.2	12
45	Electrocatalytic oxidation of hydrazine at glassy carbon electrode modified with ethylenediamine cellulose immobilized palladium nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2013, 690, 96-103.	3.8	59
46	Au-SH-SiO ₂ nanoparticles supported on metal-organic framework (Au-SH-SiO ₂ @Cu-MOF) as a sensor for electrocatalytic oxidation and determination of hydrazine. <i>Electrochimica Acta</i> , 2013, 88, 301-309.	5.2	188
47	A novel electrochemical sensor based on metal-organic framework for electro-catalytic oxidation of L-cysteine. <i>Biosensors and Bioelectronics</i> , 2013, 42, 426-429.	10.1	253
48	Adsorption Properties of Tetracycline onto Graphene Oxide: Equilibrium, Kinetic and Thermodynamic Studies. <i>PLoS ONE</i> , 2013, 8, e79254.	2.5	151
49	Electrochemical Synthesis of Poly(N-phenylglycine) and Characterization by Cyclic Voltammetry. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 221-224.	1.9	3
50	Electrochemistry of raloxifene on glassy carbon electrode and its determination in pharmaceutical formulations and human plasma. <i>Bioelectrochemistry</i> , 2012, 88, 164-170.	4.6	27
51	A nanostructured ion-imprinted polymer for the selective extraction and preconcentration of ultra-trace quantities of nickel ions. <i>Mikrochimica Acta</i> , 2012, 178, 429-437.	5.0	66