

mustafa Aghazadeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

3,484
citations

34
h-index

47
g-index

153
ext. papers

3,831
ext. citations

3.1
avg, IF

6.15
L-index

#	Paper	IF	Citations
153	Facile fabrication of mixed samarium/tellurium metal-organic frameworks onto Ni foam and its outstanding cycling performance as binder-free battery-type electrode for supercapacitors. <i>Materials Letters</i> , 2022 , 313, 131804	3.3	4
152	Electrochemical grown Ni,Zn-MOF and its derived hydroxide as battery-type electrodes for supercapacitors. <i>Synthetic Metals</i> , 2022 , 285, 117009	3.6	5
151	Ready-to-use binder-free Co(OH) plates@porous rGO layers/Ni foam electrode for high-performance supercapacitors.. <i>RSC Advances</i> , 2022 , 12, 9276-9291	3.7	1
150	On-pot fabrication of binder-free composite of iron oxide grown onto porous N-doped graphene layers with outstanding charge storage performance for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 13156-13176	2.1	4
149	Electrochemical synthesis of three-dimensional flower-like Ni/CoBTC bimetallic organic framework as heterogeneous catalyst for solvent-free and green synthesis of substituted chromeno[4,3B]quinolones. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 620-629	1.5	2
148	Self-assembled Co(OH) ₂ /functionalized MWNTs/porous graphene ternary binder-free hybrid for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 151-167	2.1	3
147	Bi Metal-Organic Framework (Ce/Ni-BTC) as Heterogeneous Catalyst for the Green Synthesis of Substituted Chromeno[4, 3-b]quinolone under Solvent Free Condition. <i>Current Organic Synthesis</i> , 2021 , 18, 475-482	1.9	1
146	Kinetics of Cross-Linking Reaction of Epoxy Resin with Hydroxyapatite-Functionalized Layered Double Hydroxides. <i>Polymers</i> , 2020 , 12,	4.5	12
145	Paper-based chemiluminescence and colorimetric detection of cytochrome c by cobalt hydroxide decorated mesoporous carbon. <i>Microchemical Journal</i> , 2020 , 157, 104991	4.8	12
144	Saccharide-capped Superparamagnetic Copper Cations-doped Magnetite Nanoparticles for Biomedical Applications: A Novel and Simple Synthesis Procedure, In-situ Surface Engineering and Characterization. <i>Current Nanoscience</i> , 2020 , 16, 770-778	1.4	0
143	Targeted Drug Delivery of Teniposide by Magnetic Nanocarrier. <i>Current Nanoscience</i> , 2020 , 16, 608-616	1.4	0
142	Epoxy/Zn-Al-CO ₃ LDH nanocomposites: Curability assessment. <i>Progress in Organic Coatings</i> , 2020 , 138, 105355	4.8	15
141	Exploring curing potential of epoxy nanocomposites containing nitrate anion intercalated MgAl-LDH with Cure Index. <i>Progress in Organic Coatings</i> , 2020 , 139, 105255	4.8	8
140	Binder-free high-performance Fe ₃ O ₄ fine particles in situ grown onto N-doped porous graphene layers co-embedded into porous substrate as supercapacitor electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 15198-15217	2.1	6
139	Oxygen-functionalized graphitic carbon nitride nanosheets/Co(OH) ₂ nanoplates anchored onto porous substrate as a novel high-performance binder-free electrode for supercapacitors. <i>Journal of Energy Storage</i> , 2020 , 32, 101743	7.8	7
138	One-pot EPD/ECD fabrication of high-performance binder-free nanocomposite based on the Fe ₃ O ₄ nanoparticles/porous graphene sheets for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 19569-19586	2.1	1
137	Bulk-Surface Modification of Nanoparticles for Developing Highly-Crosslinked Polymer Nanocomposites. <i>Polymers</i> , 2020 , 12,	4.5	5

136	Curing epoxy with ethylenediaminetetraacetic acid (EDTA) surface-functionalized Co Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105248	4.8	12
135	Curing epoxy with electrochemically synthesized Gd Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105245	4.8	25
134	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Ni _x Fe _{3-x} O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105259	4.8	14
133	Curing epoxy with polyethylene glycol (PEG) surface-functionalized Ni _x Fe _{3-x} O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105250	4.8	18
132	An enhancement of luminol chemiluminescence by cobalt hydroxide decorated porous graphene and its application in glucose analysis. <i>Analytical Methods</i> , 2019 , 11, 1346-1352	3.2	15
131	Curing epoxy with electrochemically synthesized Mn _x Fe _{3-x} O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105199	4.8	11
130	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Mn _x Fe _{3-x} O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105247	4.8	17
129	Epoxy/layered double hydroxide (LDH) nanocomposites: Synthesis, characterization, and Excellent cure feature of nitrate anion intercalated Zn-Al LDH. <i>Progress in Organic Coatings</i> , 2019 , 136, 105218	4.8	44
128	EDTA-grafted Cu ²⁺ -doped superparamagnetic nanoparticles: facile novel synthesis and their structural and magnetic characterizations. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	1
127	Curing epoxy with electrochemically synthesized Ni Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105198	4.8	22
126	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Zn Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105227	4.8	23
125	Cure Index for labeling curing potential of epoxy/LDH nanocomposites: A case study on nitrate anion intercalated Ni-Al-LDH. <i>Progress in Organic Coatings</i> , 2019 , 136, 105228	4.8	35
124	Unconditionally blue: Curing epoxy with polyethylene glycol (PEG) surface-functionalized Zn Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 137, 105285	4.8	10
123	Curing epoxy with Mg-Al LDH nanoplatelets intercalated with carbonate ion. <i>Progress in Organic Coatings</i> , 2019 , 136, 105278	4.8	20
122	Curing epoxy with electrochemically synthesized Zn Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 136, 105246	4.8	19
121	Development of Mg-Zn-Al-CO ₃ ternary LDH and its curability in epoxy/amine system. <i>Progress in Organic Coatings</i> , 2019 , 136, 105264	4.8	23
120	Curing epoxy with polyvinyl chloride (PVC) surface-functionalized Co _x Fe _{3-x} O ₄ nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 137, 105364	4.8	8
119	Curing epoxy with electrochemically synthesized Co Fe ₃ -O ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 137, 105252	4.8	11

118	Curing epoxy with polyethylene glycol (PEG) surface-functionalized GdxFe ₃ -xO ₄ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019 , 137, 105283	4.8	16
117	Optimizing the synthesis of terbium(III) molybdate nanoplates through an orthogonal array design. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, 13091	2.5	2
116	Electrochemical fabrication of praseodymium cations doped iron oxide nanoparticles with enhanced charge storage and magnetic capabilities. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 5163-5172	2.1	11
115	One-step electro-synthesis of Ni ²⁺ doped magnetite nanoparticles and study of their supercapacitive and superparamagnetic behaviors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 4981-4991	2.1	17
114	Gd ³⁺ doped Fe ₃ O ₄ nanoparticles with proper magnetic and supercapacitive characteristics: A novel synthesis platform and characterization. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 1341-1347	2.8	5
113	Preparation of Nano-sized Bismuth-Doped Fe ₃ O ₄ as an Excellent Magnetic Material for Supercapacitor Electrodes. <i>Journal of Electronic Materials</i> , 2018 , 47, 3026-3036	1.9	16
112	Evaluation of supercapacitive and magnetic properties of Fe ₃ O ₄ nano-particles electrochemically doped with dysprosium cations: Development of a novel iron-based electrode. <i>Ceramics International</i> , 2018 , 44, 520-529	5.1	59
111	One-step cathodic electrosynthesis of surface capped Fe ₃ O ₄ ultra-fine nanoparticles from ethanol medium without using coating agent. <i>Materials Letters</i> , 2018 , 211, 225-229	3.3	32
110	Samarium-doped Fe ₃ O ₄ nanoparticles with improved magnetic and supercapacitive performance: a novel preparation strategy and characterization. <i>Journal of Materials Science</i> , 2018 , 53, 295-308	4.3	60
109	Enhancing the Supercapacitive and Superparamagnetic Performances of Iron Oxide Nanoparticles through Yttrium Cations Electro-chemical Doping. <i>Materials Research</i> , 2018 , 21,	1.5	7
108	Electrochemical grown cobalt hydroxide three-dimensional nanostructures on Ni foam as high performance supercapacitor electrode material. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14567-14573	2.1	12
107	Cobalt hydroxide hexagonal nanoplates anchored on functionalized carbon nanotubes (CNTs) for supercapacitor applications: one-pot electrochemical fabrication of high performance nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14378-14386	2.1	14
106	Preparation and Characterization of Amine- and Carboxylic Acid-functionalized Superparamagnetic Iron Oxide Nanoparticles Through a One-step Facile Electrosynthesis Method. <i>Current Nanoscience</i> , 2018 , 15, 169-177	1.4	7
105	An Investigation on Magnetic-Interacting Fe ₃ O ₄ Nanoparticles Prepared by Electrochemical Synthesis Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018 , 31, 2139-2147	1.5	8
104	One-pot electrochemical synthesis and assessment of super-capacitive and super-paramagnetic performances of Co ²⁺ doped Fe ₃ O ₄ ultra-fine particles. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 2291-2300	2.1	20
103	High performance electrode material for supercapacitors based on FeCo(OH) ₂ nano-sheets prepared through pulse current cathodic electro-deposition (PC-CED). <i>Electronic Materials Letters</i> , 2018 , 14, 37-45	2.9	11
102	A new electrochemiluminescence biosensor for the detection of glucose based on polypyrrole/polyluminol/Ni(OH) ₂ /Ni ₃ N ₄ /glucose oxidase-modified graphite electrode. <i>Analytical Methods</i> , 2018 , 10, 5723-5730	3.2	17
101	CTAB-assisted Cathodic Electrosynthesis of MnO ₂ ultra-fine Nanoparticles and Investigation of Their Charge Storage Performance. <i>International Journal of Electrochemical Science</i> , 2018 , 1161-1172	2.2	6

100	Enhancing the Supercapacitive Properties of Iron Oxide Electrode through Cu ²⁺ -doping: Cathodic Electrosynthesis and Characterization. <i>International Journal of Electrochemical Science</i> , 2018 , 1355-1366	2.2	4
99	PVP capped Mn ²⁺ doped Fe ₃ O ₄ nanoparticles: A novel preparation method, surface engineering and characterization. <i>Materials Letters</i> , 2018 , 228, 137-140	3.3	25
98	Preparation and characterization of Mn ₅ O ₈ nanoparticles: A novel and facile pulse cathodic electrodeposition followed by heat treatment. <i>Inorganic and Nano-Metal Chemistry</i> , 2017 , 47, 1085-1089	1.2	18
97	Electrosynthesis of highly porous NiO nanostructure through pulse cathodic electrochemical deposition: heat-treatment (PCED-HT) method with excellent supercapacitive performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 8144-8154	2.1	32
96	Preparation and characterization of iron oxide (Fe ₃ O ₄) nanoparticles coated with polyvinylpyrrolidone/polyethylenimine through a facile one-pot deposition route. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 433, 148-154	2.8	34
95	Erbium(III) tungstate nanoparticles; optimized synthesis and photocatalytic evaluation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 6399-6406	2.1	6
94	Application of Taguchi robust design to the optimization of the synthesis of holmium carbonate and oxide nanoparticles and exploring their photocatalyst behaviors for water treatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11383-11392	2.1	1
93	Electrochemical preparation and characterization of chitosan-coated superparamagnetic iron oxide (Fe ₃ O ₄) nanoparticles. <i>Materials Research Innovations</i> , 2017 , 1-9	1.9	6
92	Starch-assisted electrochemical fabrication of high surface area cobalt hydroxide nanosheets for high performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11406-11414	2.1	22
91	Template-free preparation of vertically-aligned Mn ₃ O ₄ nanorods as high supercapacitive performance electrode material. <i>Thin Solid Films</i> , 2017 , 634, 24-32	2.2	42
90	Ethylenediaminetetraacetic acid capped superparamagnetic iron oxide (Fe ₃ O ₄) nanoparticles: A novel preparation method and characterization. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 439, 312-319	2.8	19
89	Enhancement of the peroxidase-like activity of cerium-doped ferrite nanoparticles for colorimetric detection of H ₂ O ₂ and glucose. <i>Analytical Methods</i> , 2017 , 9, 3519-3524	3.2	53
88	Electrochemical evaluation of the performance of cathodically grown ultra-fine magnetite nanoparticles as electrode material for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13532-13539	2.1	32
87	Synthesis, Characterization, and Photocatalytic Behavior of Praseodymium Carbonate and Oxide Nanoparticles Obtained by Optimized Precipitation and Thermal Decomposition. <i>Journal of Electronic Materials</i> , 2017 , 46, 4627-4639	1.9	3
86	Synthesis of Sm ₂ (WO ₄) ₃ nanocrystals via a statistically optimized route and their photocatalytic behavior. <i>Materials Research Express</i> , 2017 , 4, 035012	1.7	5
85	A novel preparation method for surface coated superparamagnetic Fe ₃ O ₄ nanoparticles with vitamin C and sucrose. <i>Materials Letters</i> , 2017 , 196, 392-395	3.3	36
84	Synthesis of nano-structured lanthanum tungstates photocatalysts. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 7600-7608	2.1	14
83	Fabrication, characterization and photochemical activity of ytterbium carbonate and ytterbium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9478-9488	2.1	25

82	Samarium carbonate and samarium oxide; synthesis, characterization and evaluation of the photo-catalytic behavior. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 5574-5583	2.1	19
81	Saccharide-coated superparamagnetic Fe ₃ O ₄ nanoparticles (SPIONs) for biomedical applications: An efficient and scalable route for preparation and in situ surface coating through cathodic electrochemical deposition (CED). <i>Materials Letters</i> , 2017 , 189, 290-294	3.3	49
80	Amino Acid Coated Superparamagnetic Iron Oxide Nanoparticles for Biomedical Applications Through a Novel Efficient Preparation Method. <i>Journal of Cluster Science</i> , 2017 , 28, 1259-1271	3	19
79	Optimizing the procedure for the synthesis of nanoscale gadolinium(III) tungstate as efficient photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3780-3788	2.1	38
78	Improvement of supercapacitive and superparamagnetic capabilities of iron oxide through electrochemically grown La ³⁺ doped Fe ₃ O ₄ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 19061-19070	2.1	13
77	A facile one-pot synthesis of cobalt-doped magnetite/graphene nanocomposite as peroxidase mimetics in dopamine detection. <i>New Journal of Chemistry</i> , 2017 , 41, 12678-12684	3.6	38
76	Zn-doped magnetite nanoparticles: development of novel preparation method and evaluation of magnetic and electrochemical capacitance performances. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 18755-18764	2.1	22
75	Superparamagnetic Iron Oxide (Fe ₃ O ₄) Nanoparticles Coated with PEG/PEI for Biomedical Applications: A Facile and Scalable Preparation Route Based on the Cathodic Electrochemical Deposition Method. <i>Advances in Physical Chemistry</i> , 2017 , 2017, 1-7		57
74	Cobalt Hydroxide Nanoflakes Prepared by Saccharide-Assisted Cathodic Electrochemical Deposition as High Performance Supercapacitor Electrode Material. <i>International Journal of Electrochemical Science</i> , 2017 , 5792-5803	2.2	15
73	Al ³⁺ doped Fe ₃ O ₄ Nanoparticles: A Novel Preparation Method, Structural, Magnetic and Electrochemical Characterizations. <i>International Journal of Electrochemical Science</i> , 2017 , 8033-8044	2.2	6
72	Mn ²⁺ -doped Fe ₃ O ₄ nanoparticles: a novel preparation method, structural, magnetic and electrochemical characterizations. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 18121-18129	2.1	37
71	Fabrication of high-performance metal ion doped iron oxide electrode for supercapacitor applications through a novel platform. <i>Materials Research Express</i> , 2017 , 4, 105505	1.7	10
70	Enhanced Supercapacitive and Magnetic Performances of Ho ³⁺ Doped Iron Oxide Nanoparticles Prepared Through a Novel One-Pot Electro-Synthesis Method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1700365	1.6	9
69	Synthesis, characterization and photocatalytic activity of neodymium carbonate and neodymium oxide nanoparticles. <i>Journal of Molecular Structure</i> , 2017 , 1150, 411-418	3.4	30
68	Facile electrosynthesis and characterization of superparamagnetic nanoparticles coated with cysteine, glycine and glutamine. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	10
67	Statistical optimization of experimental parameters for synthesis of two efficient photocatalyst: erbium carbonate and erbium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 15224-15232	2.1	4
66	Improved supercapacitive performance of pure iron oxide electrode through cathodically grown of ultra-fine nanoparticles. <i>Materials Letters</i> , 2017 , 209, 450-454	3.3	17
65	Effective electrosynthesis and in situ surface coating of Fe ₃ O ₄ nanoparticles with polyvinyl alcohol for biomedical applications. <i>Materials Research Innovations</i> , 2017 , 1-8	1.9	6

64	Investigation on the photocatalytic behaviors of europium carbonate and oxide nanoparticles prepared based on statistically optimized carbonation and calcination routes. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13267-13277	2.1	2
63	Synthesis, characterization, and study of the supercapacitive performance of NiO nanoplates prepared by the cathodic electrochemical deposition-heat treatment (CED-HT) method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3108-3117	2.1	23
62	Effective Preparation, Characterization and In Situ Surface Coating of Superparamagnetic Fe ₃ O ₄ Nanoparticles with Polyethyleneimine Through Cathodic Electrochemical Deposition (CED). <i>Current Nanoscience</i> , 2017 , 13, 167-174	1.4	36
61	Superparamagnetic Iron Oxide Nanoparticles Modified with Alanine and Leucine for Biomedical Applications: Development of a Novel Efficient Preparation Method. <i>Current Nanoscience</i> , 2017 , 13, 274-280	1.4	17
60	One-pot Electro-synthesis and Characterization of Chitosan Capped Superparamagnetic Iron Oxide Nanoparticles (SPIONs) from Ethanol Media. <i>Current Nanoscience</i> , 2017 , 14, 42-49	1.4	15
59	Co(OH) ₂ nanoplates with excellent supercapacitive performance: Electrochemical preparation and characterization. <i>Materials Letters</i> , 2016 , 184, 223-226	3.3	47
58	Preparation, characterization and PEGylation of superparamagnetic Fe ₃ O ₄ nanoparticles from ethanol medium via cathodic electrochemical deposition (CED) method. <i>Materials Research Express</i> , 2016 , 3, 095022	1.7	46
57	Preparation of Mn ₅ O ₈ and Mn ₃ O ₄ nano-rods through cathodic electrochemical deposition-heat treatment (CED-HT). <i>Materials Research Express</i> , 2016 , 3, 055013	1.7	13
56	A facile route to preparation of Co ₃ O ₄ nanoplates and investigation of their charge storage ability as electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 8623-8632	2.1	23
55	Facile preparation of MnO ₂ nanorods and evaluation of their supercapacitive characteristics. <i>Applied Surface Science</i> , 2016 , 364, 726-731	6.7	57
54	Electrochemical preparation and evaluation of the supercapacitive performance of MnO ₂ nanoworms. <i>Materials Letters</i> , 2016 , 167, 153-156	3.3	46
53	Electrochemical preparation of MnO ₂ nanobelts through pulse base-electrogeneration and evaluation of their electrochemical performance. <i>Applied Surface Science</i> , 2016 , 364, 141-147	6.7	67
52	Nickel oxide Nano-Rods/Plates as a High Performance Electrode Materials for Supercapacitors; Electrosynthesis and Evolution of Charge Storage Ability. <i>International Journal of Electrochemical Science</i> , 2016 , 11002-11015	2.2	22
51	Mn ₃ O ₄ nanorods with secondary plate-like nanostructures; preparation, characterization and application as high performance electrode material in supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 11192-11200	2.1	25
50	Development of a facile and effective electrochemical strategy for preparation of iron oxides (Fe ₃ O ₄ and Fe ₂ O ₃) nanoparticles from aqueous and ethanol mediums and in situ PVC coating of Fe ₃ O ₄ superparamagnetic nanoparticles for biomedical applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 416, 81-88	2.8	41
49	Electrochemical preparation and supercapacitive performance of MnO ₂ nanospheres with secondary wall-like structures. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 7707-7714	2.1	25
48	A novel method for preparation of bare and poly(vinylpyrrolidone) coated superparamagnetic iron oxide nanoparticles for biomedical applications. <i>Materials Letters</i> , 2016 , 179, 5-8	3.3	62
47	Facile preparation of La(OH) ₃ and La ₂ O ₃ nanorods aligned along the electrode surface: Pulsed cathodic deposition followed by heat-treatment. <i>Russian Journal of Electrochemistry</i> , 2015 , 51, 263-270	1.2	5

46	La(OH) ₃ and La ₂ O ₃ nanospindles prepared by template-free direct electrodeposition followed by heat-treatment. <i>Materials Letters</i> , 2014 , 115, 68-71	3-3	16
45	Nanostructured nickel oxide ultrafine nanoparticles: Synthesis, characterization, and supercapacitive behavior. <i>Materials Science in Semiconductor Processing</i> , 2014 , 23, 85-92	4-3	32
44	Facile electrochemical synthesis of uniform FeCo(OH) ₂ nanoplates for high performance supercapacitors. <i>Ceramics International</i> , 2014 , 40, 3485-3493	5-1	53
43	Supercapacitive behavior of FeNi(OH) ₂ nanospheres prepared by a facile electrochemical method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 443, 544-551	5-1	31
42	Preparation, characterization and electrochemical behavior of porous sphere-like FeNi(OH) ₂ nanostructures. <i>Applied Surface Science</i> , 2014 , 313, 581-584	6-7	37
41	Porous Co ₃ O ₄ Nanoplates: Electrochemical Synthesis, Characterization and Investigation of Supercapacitive Performance. <i>Journal of the Electrochemical Society</i> , 2014 , 161, D293-D300	3-9	12
40	Electrochemical preparation of FeNi(OH) ₂ ultrafine nanoparticles for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 1569-1584	2-6	99
39	Large-Scale and Facile Electrochemical Preparation of FeCo(OH) ₂ Nanocapsules and Investigation of their Supercapacitive Performance. <i>Journal of the Electrochemical Society</i> , 2014 , 161, D18-D25	3-9	27
38	Cathodic electrodeposition and characterization of nanostructured Y ₂ O ₃ from nitrate solution. Part I: Effect of current density. <i>Russian Journal of Electrochemistry</i> , 2013 , 49, 583-593	1-2	1
37	Cobalt hydroxide ultra-fine nanoparticles with excellent energy storage ability. <i>Applied Surface Science</i> , 2013 , 283, 871-875	6-7	31
36	Electrochemical preparation of ZrO ₂ nanopowder: Impact of the pulse current on the crystal structure, composition and morphology. <i>Ceramics International</i> , 2013 , 39, 4427-4435	5-1	35
35	Electrochemical preparation and characterization of brain-like nanostructures of Y ₂ O ₃ . <i>Journal of Rare Earths</i> , 2013 , 31, 281-288	3-7	19
34	Facile Synthesis of Vertically Aligned One-Dimensional (1D) La(OH) ₃ and La ₂ O ₃ Nanorods by Pulse Current Deposition. <i>Journal of the Electrochemical Society</i> , 2013 , 160, D150-D155	3-9	16
33	Pulse electrochemical synthesis of capsule-like nanostructures of Co ₃ O ₄ and investigation of their capacitive performance. <i>Applied Surface Science</i> , 2013 , 287, 187-194	6-7	34
32	Preparation of Gd ₂ O ₃ coral-like nanostructures by pulse electrodeposition heat-treatment method. <i>Materials Letters</i> , 2013 , 99, 11-13	3-3	7
31	Large scale and uniform La(OH) ₃ nanorods prepared by template-free pulsed electrodeposition method. <i>Materials Letters</i> , 2013 , 104, 61-63	3-3	11
30	Cathodic electrodeposition and characterization of nanostructured Y ₂ O ₃ from chloride solution Part I: Effect of current density. <i>Russian Journal of Electrochemistry</i> , 2013 , 49, 344-353	1-2	5
29	Uniform FeCo(OH) ₂ disc-like nanostructures prepared by low-temperature electrochemical route as an electrode material for supercapacitors. <i>Applied Surface Science</i> , 2013 , 273, 237-242	6-7	61

28	Large-scale synthesis of uniform lanthanum oxide nanowires via template-free deposition followed by heat-treatment. <i>Ceramics International</i> , 2013 , 39, 9491-9498	5.1	14
27	Cathodic electrodeposition of Y(OH) ₃ and Y ₂ O ₃ nanostructures from chloride bath. Part II: Effect of the bath temperature on the crystal structure, composition and morphology. <i>Ceramics International</i> , 2013 , 39, 1045-1055	5.1	32
26	Low-temperature electrochemical synthesis and characterization of ultrafine Y(OH) ₃ and Y ₂ O ₃ nanoparticles. <i>Journal of Rare Earths</i> , 2012 , 30, 236-240	3.7	31
25	Nanoparticulates Zr(OH) ₄ and ZrO ₂ prepared by low-temperature cathodic electrodeposition. <i>Materials Letters</i> , 2012 , 73, 28-31	3.3	30
24	Preparation of Gd ₂ O ₃ nanorods by electrodeposition-heat-treatment method. <i>Materials Letters</i> , 2012 , 73, 176-178	3.3	11
23	Facile synthesis of MnO ₂ one-dimensional (1D) nanostructure and energy storage ability studies. <i>Journal of Solid State Chemistry</i> , 2012 , 190, 202-207	3.3	55
22	Electrochemical preparation and properties of nanostructured Co ₃ O ₄ as supercapacitor material. <i>Journal of Applied Electrochemistry</i> , 2012 , 42, 89-94	2.6	67
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17	Synthesis, characterization, and supercapacitive properties of Co(OH) ₂ leaf-like nanostructures. <i>Journal of the Iranian Chemical Society</i> , 2012 , 9, 225-229	2	13
16	Template-free synthesis of MnO ₂ nanowires with secondary flower like structure: Characterization and supercapacitor behavior studies. <i>Current Applied Physics</i> , 2012 , 12, 193-198	2.6	59
15	High temperature and low current density synthesis of Mn ₃ O ₄ porous nano spheres: Characterization and electrochemical properties. <i>Current Applied Physics</i> , 2012 , 12, 544-549	2.6	47
14	Synthesis and Characterization of Flaky-Like Y(OH) ₃ and Y ₂ O ₃ Nanostructures. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2012 , 2, 248-252		3
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