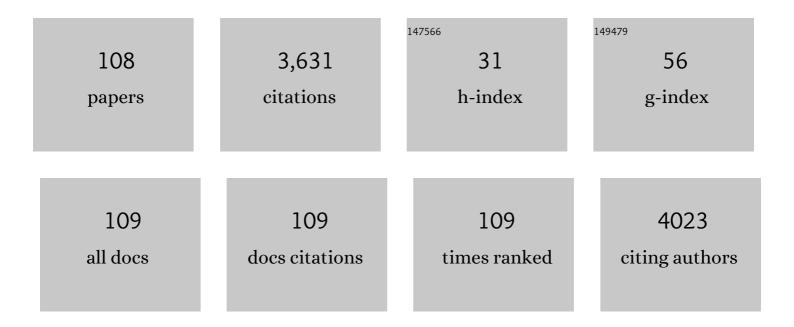
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Highly Ordered Macroporous Gold and Platinum Films Formed by Electrochemical Deposition through Templates Assembled from Submicron Diameter Monodisperse Polystyrene Spheres. Chemistry of Materials, 2002, 14, 2199-2208.	3.2	328
2	Electrochemical deposition of macroporous platinum, palladium and cobalt films using polystyrene latex sphere templates. Chemical Communications, 2000, , 1671-1672.	2.2	211
3	Electrochemical syntheses of highly ordered macroporous conducting polymers grown around self-assembled colloidal templates. Journal of Materials Chemistry, 2001, 11, 849-853.	6.7	174
4	Confined Plasmons in Metallic Nanocavities. Physical Review Letters, 2001, 87, 176801.	2.9	170
5	Electrocatalytic activity and simultaneous determination of catechol and hydroquinone at mesoporous platinum electrode. Electrochemistry Communications, 2007, 9, 2501-2506.	2.3	144
6	Electrochemical deposition of macroporous magnetic networks using colloidal templates. Journal of Materials Chemistry, 2003, 13, 2596.	6.7	115
7	The Electrochemical Deposition of Nanostructured Cobalt Films from Lyotropic Liquid Crystalline Media. Journal of the Electrochemical Society, 2001, 148, C119.	1.3	101
8	A low cost additive-free facile synthesis of BiFeWO6/BiVO4 nanocomposite with enhanced visible-light induced photocatalytic activity. Journal of Colloid and Interface Science, 2017, 506, 553-563.	5.0	95
9	Synthesis of Ni3V2O8@graphene oxide nanocomposite as an efficient electrode material for supercapacitor applications. Journal of Solid State Electrochemistry, 2018, 22, 527-536.	1.2	92
10	Templated electrochemical deposition of nanostructured macroporous PbO2. Journal of Materials Chemistry, 2002, 12, 3130-3135.	6.7	88
11	Rod-on-flake α-FeOOH/BiOI nanocomposite: Facile synthesis, characterization and enhanced photocatalytic performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 537, 435-445.	2.3	84
12	Zinc oxide incorporated carbon nanotubes or graphene oxide nanohybrids for enhanced sonophotocatalytic degradation of methylene blue dye. Applied Surface Science, 2019, 487, 539-549.	3.1	81
13	A double templated electrodeposition method for the fabrication of arrays of metal nanodots. Electrochemistry Communications, 2004, 6, 447-453.	2.3	66
14	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.	1.6	66
15	Nickel oxide/nitrogen doped carbon nanofibers catalyst for methanol oxidation in alkaline media. Electrochimica Acta, 2014, 137, 774-780.	2.6	64
16	Covalent Tethering of Organic Functionality to the Surface of Glassy Carbon Electrodes by Using Electrochemical and Solidâ€Phase Synthesis Methodologies. Chemistry - A European Journal, 2008, 14, 2548-2556.	1.7	59
17	Covalent modification of glassy carbon surface with organic redox probes through diamine linkers using electrochemical and solid-phase synthesis methodologies. Journal of Materials Chemistry, 2008, 18, 4917.	6.7	59
18	Enhanced electrocatalytic performance of mesoporous nickel-cobalt oxide electrode for methanol oxidation in alkaline solution. Materials Letters, 2017, 196, 365-368.	1.3	53

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19	Lowering energy band gap and enhancing photocatalytic properties of Cu/ZnO composite decorated by transition metals. Journal of Molecular Structure, 2018, 1173, 1-6.	1.8	51
20	Confined Surface Plasmons in Gold Photonic Nanocavities. Advanced Materials, 2001, 13, 1368-1370.	11.1	50
21	Microwave-Assisted Synthesis of Co3(PO4)2 Nanospheres for Electrocatalytic Oxidation of Methanol in Alkaline Media. Catalysts, 2017, 7, 119.	1.6	49
22	Enhancing the Optical Absorption and Interfacial Properties of BiVO ₄ with Ag ₃ PO ₄ Nanoparticles for Efficient Water Splitting. Journal of Physical Chemistry C, 2018, 122, 11608-11615.	1.5	44
23	Cooperative Catalytic Effect of ZrO ₂ and αâ€Fe ₂ O ₃ Nanoparticles on BiVO ₄ Photoanodes for Enhanced Photoelectrochemical Water Splitting. ChemSusChem, 2016, 9, 2779-2783.	3.6	42
24	Hydrothermally synthesized nickel molybdenum selenide composites as cost-effective and efficient trifunctional electrocatalysts for water splitting reactions. International Journal of Hydrogen Energy, 2019, 44, 22796-22805.	3.8	42
25	Magnetic antidot arrays from self-assembly template methods. Journal of Applied Physics, 2003, 93, 7322-7324.	1.1	41
26	Microwave activation of electrochemical processes: High temperature phenol and triclosan electro-oxidation at carbon and diamond electrodes. Electrochimica Acta, 2007, 53, 1092-1099.	2.6	38
27	Electrochemical and solid-phase synthetic modification of glassy carbon electrodes with dihydroxybenzene compounds and the electrocatalytic oxidation of NADH. Bioelectrochemistry, 2009, 76, 115-125.	2.4	36
28	Mesoporous cobalt hydroxide prepared using liquid crystal template for efficient oxygen evolution in alkaline media. Electrochimica Acta, 2016, 207, 177-186.	2.6	36
29	Mesoporous platinum hosts for electrodeâ^£liquidâ^£liquid – Triple phase boundary redox systems. Electrochemistry Communications, 2005, 7, 1333-1339.	2.3	35
30	Recent Developments in the Use of Heterogeneous Semiconductor Photocatalyst Based Materials for a Visible-Light-Induced Water-Splitting System—A Brief Review. Catalysts, 2021, 11, 160.	1.6	34
31	Microwave activation of the electro-oxidation of glucose in alkaline media. Physical Chemistry Chemical Physics, 2005, 7, 3552.	1.3	32
32	Metal–organic–silica nanocomposites: copper, silver nanoparticles–ethylenediamine–silica gel and their CO2 adsorption behaviour. Journal of Materials Chemistry, 2012, 22, 12032.	6.7	32
33	Mesoporous Nickel/Nickel Hydroxide Catalyst Using Liquid Crystal Template for Ethanol Oxidation in Alkaline Solution. Journal of the Electrochemical Society, 2015, 162, H453-H459.	1.3	31
34	A low-cost visible light activeBiFeWO6/TiO2nanocompositewith an efficient photocatalytic and photoelectrochemical performance. Optical Materials, 2018, 81, 84-92.	1.7	31
35	Covalent modification of carbon nanotubes with anthraquinone by electrochemical grafting and solid phase synthesis. Electrochimica Acta, 2012, 68, 74-80.	2.6	30
36	Shape induced anomalies in vortex pinning and dynamics of superconducting antidot arrays with spherical cavities. Applied Physics Letters, 2006, 89, 092503.	1.5	29

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37	Sequestration of CO 2 using Cu nanoparticles supported on spherical and rod-shape mesoporous silica. Journal of Saudi Chemical Society, 2018, 22, 343-351.	2.4	28
38	A study of the modification of glassy carbon and edge and basal plane highly oriented pyrolytic graphite electrodes modified with anthraquinone using diazonium coupling and solid phase synthesis and their use for oxygen reduction. Journal of Electroanalytical Chemistry, 2013, 706, 25-32.	1.9	26
39	Photoelectrochemical oxidation of water using La(Ta,Nb)O2N modified electrodes. International Journal of Hydrogen Energy, 2016, 41, 11644-11652.	3.8	26
40	Microwave assisted synthesis and characterization of Ni/NiO nanoparticles as electrocatalyst for methanol oxidation in alkaline solution. Materials Research Express, 2017, 4, 025035.	0.8	26
41	Microwave Induced Jet Boiling Investigated via Voltammetry at Ringâ^'Disk Microelectrodes. Journal of Physical Chemistry B, 2006, 110, 17589-17594.	1.2	25
42	Selective formation of hydrogen peroxide by oxygen reduction on TiO2 nanotubes in alkaline media. Electrochimica Acta, 2015, 174, 557-562.	2.6	25
43	Activation effect of silver nanoparticles on the photoelectrochemical performance of mesoporous TiO 2 nanospheres photoanodes for water oxidation reaction. International Journal of Hydrogen Energy, 2017, 42, 11346-11355.	3.8	25
44	Self-grown one-dimensional nickel sulfo-selenide nanostructured electrocatalysts for water splitting reactions. International Journal of Hydrogen Energy, 2020, 45, 15904-15914.	3.8	25
45	Mesoporous Tungsten Trioxide Photoanodes Modified with Nitrogen-Doped Carbon Quantum Dots for Enhanced Oxygen Evolution Photo-Reaction. Nanomaterials, 2019, 9, 1502.	1.9	24
46	Mesoporous cobalt phosphate electrocatalyst prepared using liquid crystal template for methanol oxidation reaction in alkaline solution. Arabian Journal of Chemistry, 2020, 13, 2873-2882.	2.3	23
47	The oxidation of ascorbate at copolymeric sulfonated poly(aniline) coated on glassy carbon electrodes. Bioelectrochemistry, 2011, 80, 105-113.	2.4	22
48	Efficient Bi-Functional Electrocatalysts of Strontium Iron Oxy-Halides for Oxygen Evolution and Reduction Reactions in Alkaline Media. Journal of the Electrochemical Society, 2016, 163, H450-H458.	1.3	22
49	Concurrent Deposition and Exfoliation of Nickel Hydroxide Nanoflakes Using Liquid Crystal Template and Their Activity for Urea Electrooxidation in Alkaline Medium. Electrocatalysis, 2017, 8, 16-26.	1.5	22
50	Oscillatory thickness dependence of the coercive field in magnetic three-dimensional antidot arrays. Applied Physics Letters, 2006, 88, 062511.	1.5	21
51	Bifunctional Electrocatalyst of Low-Symmetry Mesoporous Titanium Dioxide Modified with Cobalt Oxide for Oxygen Evolution and Reduction Reactions. Catalysts, 2019, 9, 836.	1.6	21
52	Photovoltaic and capacitance performance of low-resistance ZnO nanorods incorporated into carbon nanotube-graphene oxide nanocomposites. Electrochimica Acta, 2019, 307, 430-441.	2.6	21
53	Enriched active surface structure in nanosized tungsten-cobalt oxides electrocatalysts for efficient oxygen redox reactions. Applied Surface Science, 2020, 513, 145831.	3.1	21
54	Covalent Modification of Glassy Carbon Surfaces by Using Electrochemical and Solidâ€Phase Synthetic Methodologies: Application to Bi―and Trifunctionalisation with Different Redox Centres. Chemistry - A European Journal, 2009, 15, 11928-11936.	1.7	19

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55	Incorporation of Cu, Fe, Ag, and Au nanoparticles in mercapto-silica (MOS) and their CO2 adsorption capacities. Journal of CO2 Utilization, 2014, 5, 17-23.	3.3	19
56	Highly dispersed platinum nanoparticles supported on silica as catalyst for hydrogen production. RSC Advances, 2014, 4, 50114-50122.	1.7	18
57	Coercivity of 3D nanoscale magnetic arrays from self-assembly template methods. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1621-1622.	1.0	17
58	Microwave-enhanced electrochemical processes in micellar surfactant media. Journal of Solid State Electrochemistry, 2005, 9, 809-815.	1.2	17
59	Microwave enhanced electroanalysis of formulations: processes in micellar media at glassy carbon and at platinum electrodes. Analyst, The, 2005, 130, 1425.	1.7	17
60	Microwave-enhanced electro-deposition and stripping of palladium at boron-doped diamond electrodes. Talanta, 2007, 72, 66-71.	2.9	17
61	Low-Symmetry Mesoporous Titanium Dioxide (<i>lsm</i> -TiO ₂) Electrocatalyst for Efficient and Durable Oxygen Evolution in Aqueous Alkali. Journal of the Electrochemical Society, 2018, 165, H300-H309.	1.3	17
62	Superconducting anti-dot arrays from self-assembly template methods. Physica C: Superconductivity and Its Applications, 2004, 404, 455-459.	0.6	16
63	Mesoporous titanium dioxide photoanodes decorated with gold nanoparticles for boosting the photoelectrochemical alkali water oxidation. Materials Chemistry and Physics, 2018, 213, 56-66.	2.0	16
64	Low-loading of oxidized platinum nanoparticles into mesoporous titanium dioxide for effective and durable hydrogen evolution in acidic media. Arabian Journal of Chemistry, 2020, 13, 2257-2270.	2.3	16
65	Ordered sub-micron magnetic dot arrays using self-assembly template method. Journal of Magnetism and Magnetic Materials, 2005, 286, 1-4.	1.0	15
66	Development of a Nanowire-Based Test Bed Device for Molecular Electronics Applications. Analytical Chemistry, 2006, 78, 951-955.	3.2	15
67	Zinc Tantalum Oxynitride (ZnTaO2N) Photoanode Modified with Cobalt Phosphate Layers for the Photoelectrochemical Oxidation of Alkali Water. Nanomaterials, 2018, 8, 48.	1.9	15
68	Microwave Activation of Processes in Mesopores: The Thiourea Electrooxidation at Mesoporous Platinum. Electroanalysis, 2006, 18, 793-800.	1.5	14
69	Electrodeposited Co1-xMoxS thin films as highly efficient electrocatalysts for hydrogen evolution reaction in acid medium. Journal of Solid State Electrochemistry, 2018, 22, 2641-2647.	1.2	14
70	Capillary electrophoresis with microwave-enhanced electrochemical detection. Analyst, The, 2006, 131, 1210.	1.7	13
71	Development of Conducting Poly(o-Aminophenol) Film and its Capacitance Behavior. International Journal of Electrochemical Science, 2016, 11, 9987-9997.	0.5	13
72	Chemical deposition and exfoliation from liquid crystal template: Nickel/nickel (II) hydroxide nanoflakes electrocatalyst for a non-enzymatic glucose oxidation reaction. Arabian Journal of Chemistry, 2022, 15, 103467.	2.3	13

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73	Solid phase modification of carbon nanotubes with anthraquinone and nitrobenzene functional groups. Electrochemistry Communications, 2013, 34, 258-262.	2.3	12
74	Synthesis of iron and vanadium coâ€doped mesoporous cobalt oxide: An efficient and robust catalysts for electrochemical water oxidation. International Journal of Energy Research, 2021, 45, 9422-9437.	2.2	12
75	Facile sonochemical synthesis of silver nanoparticle and graphene oxide deposition on bismuth doped manganese oxide nanotube composites for electro-catalytic sensor and oxygen reduction reaction (ORR) applications. Intermetallics, 2021, 131, 107101.	1.8	12
76	Magnetic nano-scale dot arrays from double-templated electrodeposition. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1369-E1371.	1.0	10
77	Electrooxidation of Urea in Alkaline Solution Using Nickel Hydroxide Activated Carbon Paper Electrodeposited from DMSO Solution. Catalysts, 2021, 11, 102.	1.6	10
78	Enhanced photoelectrochemical oxidation of alkali water over cobalt phosphate (Co-Pi) catalyst-modified ZnLaTaON2 photoanodes. Ionics, 2019, 25, 737-745.	1.2	9
79	Facile synthesis of amorphous nickel iron borate grown on carbon paper as stable electrode materials for promoted electrocatalytic urea oxidation. Catalysis Today, 2022, 397-399, 197-205.	2.2	8
80	Activation effect of nickel phosphate co-catalysts on the photoelectrochemical water oxidation performance of TiO2 nanotubes. Journal of Saudi Chemical Society, 2022, 26, 101484.	2.4	8
81	Patterned magnetic media from self-assembly template methods. IET Science, Measurement and Technology, 2003, 150, 257-259.	0.7	7
82	Optical coupling between a self-assembled microsphere grating and a rib waveguide. Applied Physics Letters, 2004, 84, 3513-3515.	1.5	7
83	Modification of nanostructured gold surfaces with organic functional groups using electrochemical and solid-phase synthesis methodologies. Journal of Electroanalytical Chemistry, 2012, 670, 42-49.	1.9	7
84	Synthesis and Electrochemical Properties of Pure Pt, Au, and Pt–Au Alloy Catalysts on Titanium Oxide Nanotubes (TONs). Electrocatalysis, 2013, 4, 134-143.	1.5	7
85	Synthesis of calcium silicate nanoparticles and its catalytic application in Friedlander reaction. Inorganic and Nano-Metal Chemistry, 2017, 47, 946-949.	0.9	7
86	Halide-Doping Effect of Strontium Cobalt Oxide Electrocatalyst and the Induced Activity for Oxygen Evolution in an Alkaline Solution. Catalysts, 2021, 11, 1408.	1.6	7
87	Exploiting the synergistic catalytic effects of <scp>CoPi</scp> nanostructures on Zrâ€doped highly ordered <scp> TiO ₂ </scp> nanotubes for efficient solar water oxidation. International Journal of Energy Research, 2022, 46, 12608-12622.	2.2	7
88	Oscillatory thickness dependence of the coercive field in three-dimensional anti-dot arrays from self-assembly. Journal of Applied Physics, 2005, 97, 10J701.	1.1	6
89	Anchoring di and tri-metallic nanoparticles on an amorphous functionalized surface for inducing photocatalytic activity. New Journal of Chemistry, 2017, 41, 11556-11567.	1.4	6
90	Hydroxide ion oxidation using low-symmetry mesoporous titanium dioxide (lsm-TiO2) electrode. Journal of Electroanalytical Chemistry, 2020, 871, 114268.	1.9	6

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91	Characteristics of the voltammetric behavior of the hydroxide ion oxidation at disordered mesoporous titanium dioxide electrocatalyst. Journal of Saudi Chemical Society, 2021, 25, 101274.	2.4	6
92	Modification of mesoporous titanium dioxide with cobalt oxide electrocatalyst for enhanced oxygen evolution reaction. Advanced Materials Letters, 2019, 10, 136-144.	0.3	6
93	Foam Synthesis of Nickel/Nickel (II) Hydroxide Nanoflakes Using Double Templates of Surfactant Liquid Crystal and Hydrogen Bubbles: A High-Performance Catalyst for Methanol Electrooxidation in Alkaline Solution. Nanomaterials, 2022, 12, 879.	1.9	5
94	Shape-induced anisotropy in antidot arrays from self-assembled templates. IEEE Transactions on Magnetics, 2005, 41, 3598-3600.	1.2	4
95	Copper-N-SiO2 nanoparticles catalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2019, 44, 22926-22935.	3.8	4
96	Synthesis of homo- and hetero-metallic cobalt and zinc nano oxide particles by a calcination process using coordination compounds: their characterization, DFT calculations and capacitance behavioural study. RSC Advances, 2020, 10, 13126-13138.	1.7	4
97	Self-assembly Routes towards Creating Superconducting and Magnetic Arrays. Journal of Low Temperature Physics, 2005, 139, 339-349.	0.6	3
98	Structure and electrochemical activity of nickel aluminium fluoride nanosheets during urea electro-oxidation in an alkaline solution. RSC Advances, 2021, 11, 3190-3201.	1.7	3
99	Synthesis and Characterizations of Titanium Tungstophosphate Nanoparticles for Heavy Metal Ions Removal. Solid State Phenomena, 0, 257, 187-192.	0.3	2
100	Nonplatinum-based anode catalyst systems for direct methanol fuel cells. , 2020, , 201-256.		1
101	Capacitance Properties of Electrodeposited Polyaniline Films on Stainless Steel Substrate. Journal of New Materials for Electrochemical Systems, 2015, 18, 017-020.	0.3	1
102	Electrodeposition and Characterization of Mesoporous Nanostructured Cobalt Films using Brij78 Templated. Journal of New Materials for Electrochemical Systems, 2015, 18, 165-168.	0.3	1
103	Electrochemical Behavior and Convoluted Voltammetry of Carbon Nanotubes Modified with Anthraquinone. Journal of New Materials for Electrochemical Systems, 2017, 20, 025-030.	0.3	1
104	Investigation the Electrochemical Behavior of 5-(4-Dimethylamino-benylidene)-1,3-diethyl-2-thioxodihydro-pyrimidine-4,6-dione using Semi-integration of Current. Journal of New Materials for Electrochemical Systems, 2017, 20, 053-057.	0.3	1
105	Enhanced electrochemical hydrogen peroxide production from surface state modified mesoporous tin oxide catalysts. International Journal of Energy Research, 2022, 46, 9150-9165.	2.2	1
106	Localised plasmons in gold photonic nanocavities. , 0, , .		0
107	Synthesis and Characterizations of Titanium Tungstosilicate and Tungstophosphate Mesoporous Materials. , 0, , .		0

108 Oxides free materials for asymmetric capacitor. , 2022, , 95-113.