

Kaido Tammeveski

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.

191
papers

8,073
citations

54
h-index

79
g-index

199
ext. papers

9,223
ext. citations

5.9
avg, IF

6.29
L-index

#	Paper	IF	Citations
191	Transition metal and nitrogen-doped mesoporous carbons as cathode catalysts for anion-exchange membrane fuel cells. <i>Applied Catalysis B: Environmental</i> , 2022 , 306, 121113	21.8	6
190	Oxygen electroreduction on small (. <i>Electrochimica Acta</i> , 2022 , 403, 139631	6.7	0
189	Mesoporous textured Fe-N-C electrocatalysts as highly efficient cathodes for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2022 , 520, 230819	8.9	6
188	Nitrogen and Phosphorus Dual-Doped Silicon Carbide-Derived Carbon/Carbon Nanotube Composite for the Anion-Exchange Membrane Fuel Cell Cathode. <i>ACS Applied Energy Materials</i> , 2022 , 5, 2949-2958	6.1	2
187	Oxygen reduction reaction on PdM/C (M = Pb, Sn, Bi) alloy nanocatalysts. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 116391	4.1	0
186	Cobalt-Containing Nitrogen-Doped Carbon Materials Derived from Saccharides as Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>Catalysts</i> , 2022 , 12, 568	4	1
185	One-dimensional polymer-derived ceramic nanowires with electrocatalytically active metallic silicide tips as cathode catalysts for Zn-air batteries.. <i>RSC Advances</i> , 2021 , 11, 39707-39717	3.7	0
184	Oxygen reduction reaction on Pd nanocatalysts prepared by plasma-assisted synthesis on different carbon nanomaterials. <i>Nanotechnology</i> , 2021 , 32, 035401	3.4	3
183	Shungite-derived graphene as a carbon support for bifunctional oxygen electrocatalysts. <i>Journal of Catalysis</i> , 2021 , 395, 178-187	7.3	6
182	Bifunctional multi-metallic nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol. <i>Electrochemistry Communications</i> , 2021 , 124, 106932	5.1	5
181	Silicon carbide-derived carbon electrocatalysts dual doped with nitrogen and phosphorus for the oxygen reduction reaction in an alkaline medium. <i>Electrochemistry Communications</i> , 2021 , 125, 106976	5.1	11
180	Mesoporous iron-nitrogen co-doped carbon material as cathode catalyst for the anion exchange membrane fuel cell. <i>Journal of Power Sources Advances</i> , 2021 , 8, 100052	3.3	18
179	Iron-Containing Nitrogen-Doped Carbon Nanomaterials Prepared via NaCl Template as Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2021 , 8, 2288-2297	4.3	2
178	Bimetal Phthalocyanine-Modified Carbon Nanotube-Based Bifunctional Catalysts for Zinc-Air Batteries. <i>ChemElectroChem</i> , 2021 , 8, 2662-2670	4.3	7
177	Electroreduction of oxygen on cobalt phthalocyanine-modified carbide-derived carbon/carbon nanotube composite catalysts. <i>Journal of Solid State Electrochemistry</i> , 2021 , 25, 57-71	2.6	20
176	Transition metal-containing nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol for anion exchange membrane fuel cell application. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 263-274	9.3	22
175	Transition metal phthalocyanine-modified shungite-based cathode catalysts for alkaline membrane fuel cell. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 4365-4377	6.7	21

174	Non-precious metal cathodes for anion exchange membrane fuel cells from ball-milled iron and nitrogen doped carbide-derived carbons. <i>Renewable Energy</i> , 2021 , 167, 800-810	8.1	25
173	Enhanced oxygen reduction reaction activity and durability of Pt nanoparticles deposited on graphene-coated alumina nanofibres. <i>Nanoscale Advances</i> , 2021 , 3, 2261-2268	5.1	2
172	Transition-Metal- and Nitrogen-Doped Carbide-Derived Carbon/Carbon Nanotube Composites as Cathode Catalysts for Anion-Exchange Membrane Fuel Cells.. <i>ACS Catalysis</i> , 2021 , 11, 1920-1931	13.1	33
171	Oxygen reduction on silver catalysts electrodeposited on various nanocarbon supports. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	6
170	Silver Nanowire-Based Catalysts for Oxygen Reduction Reaction in Alkaline Solution. <i>ChemCatChem</i> , 2021 , 13, 4364	5.2	1
169	Bifunctional Oxygen Electrocatalysis on Mixed Metal Phthalocyanine-Modified Carbon Nanotubes Prepared via Pyrolysis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 41507-41516	9.5	16
168	High oxygen reduction reaction activity and durability of Pt catalyst photo-deposited on SnO ₂ -coated and uncoated multi-walled carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 896, 115147	4.1	
167	Enhancing the Electrocatalytic Activity of Fe Phthalocyanines for the Oxygen Reduction Reaction by the Presence of Axial Ligands: Pyridine-functionalized Single-Walled Carbon Nanotubes. <i>Electrochimica Acta</i> , 2021 , 139263	6.7	5
166	Iron and cobalt containing electrospun carbon nanofibre-based cathode catalysts for anion exchange membrane fuel cell. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 31275-31287	6.7	7
165	Oxygen reduction reaction on Pd nanoparticles supported on novel mesoporous carbon materials. <i>Electrochimica Acta</i> , 2021 , 394, 139132	6.7	2
164	Impact of ball-milling of carbide-derived carbons on the generation of hydrogen peroxide via electroreduction of oxygen in alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 878, 114690	4.1	11
163	Cathode Catalysts Based on Cobalt- and Nitrogen-Doped Nanocarbon Composites for Anion Exchange Membrane Fuel Cells. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5375-5384	6.1	36
162	Is the H ₂ economy realizable in the foreseeable future? Part II: H ₂ storage, transportation, and distribution. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 20693-20708	6.7	47
161	Electrospun Polyacrylonitrile-Derived Co or Fe Containing Nanofibre Catalysts for Oxygen Reduction Reaction at the Alkaline Membrane Fuel Cell Cathode. <i>ChemCatChem</i> , 2020 , 12, 4568-4581	5.2	17
160	Effects of N and O groups for oxygen reduction reaction on one- and two-dimensional carbonaceous materials. <i>Electrochimica Acta</i> , 2020 , 344, 136052	6.7	14
159	Iron- and Nitrogen-Doped Graphene-Based Catalysts for Fuel Cell Applications. <i>ChemElectroChem</i> , 2020 , 7, 1739-1747	4.3	33
158	Electroreduction of Oxygen on Carbide-Derived Carbon Supported Pd Catalysts. <i>ChemElectroChem</i> , 2020 , 7, 546-554	4.3	9
157	Nitrogen-doped carbide-derived carbon/carbon nanotube composites as cathode catalysts for anion exchange membrane fuel cell application. <i>Applied Catalysis B: Environmental</i> , 2020 , 272, 119012	21.8	44

156	Transition Metal-Containing Nitrogen-Doped Nanocarbons Derived from 5-Methylresorcinol for Anion Exchange Membrane Fuel Cell Application. <i>ECS Meeting Abstracts</i> , 2020 , MA2020-02, 2361-2361	0	
155	Platinum Sputtered on Nb-doped TiO ₂ Films Prepared by ALD: Highly Active and Durable Carbon-free ORR Electrocatalyst. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 164505	3.9	5
154	Electrocatalytic oxygen reduction reaction on iron phthalocyanine-modified carbide-derived carbon/carbon nanotube composite electrocatalysts. <i>Electrochimica Acta</i> , 2020 , 334, 135575	6.7	35
153	Fused Hybrid Linkers for Metal-Organic Framework-Derived Bifunctional Oxygen Electrocatalysts. <i>ACS Applied Energy Materials</i> , 2020 , 3, 152-157	6.1	14
152	Is the H economy realizable in the foreseeable future? Part III: H usage technologies, applications, and challenges and opportunities. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 28217-28239	6.7	58
151	Oxygen reduction reaction on nanostructured Pt-based electrocatalysts: A review. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 31775-31797	6.7	53
150	Is the H ₂ economy realizable in the foreseeable future? Part I: H ₂ production methods. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 13777-13788	6.7	88
149	Oxygen reduction reaction on thin-film Ag electrodes in alkaline solution. <i>Electrochimica Acta</i> , 2019 , 325, 134922	6.7	14
148	Electroreduction of oxygen in alkaline solution on iron phthalocyanine modified carbide-derived carbons. <i>Electrochimica Acta</i> , 2019 , 299, 999-1010	6.7	26
147	Polymer-derived Co/NiBiOC(N) ceramic electrocatalysts for oxygen reduction reaction in fuel cells. <i>Catalysis Science and Technology</i> , 2019 , 9, 854-866	5.5	16
146	Platinum nanoparticles photo-deposited on SnO ₂ -C composites: An active and durable electrocatalyst for the oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019 , 316, 162-172	6.7	28
145	Electrocatalysts for oxygen reduction reaction based on electrospun polyacrylonitrile, styrene-acrylonitrile copolymer and carbon nanotube composite fibres. <i>Journal of Materials Science</i> , 2019 , 54, 11618-11634	4.3	18
144	Electroreduction of oxygen on Nafion [®] -coated thin platinum films in acid media. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 848, 113292	4.1	7
143	Sulphur and nitrogen co-doped graphene-based electrocatalysts for oxygen reduction reaction in alkaline medium. <i>Electrochemistry Communications</i> , 2019 , 109, 106603	5.1	25
142	Effect of Ball-Milling on the Oxygen Reduction Reaction Activity of Iron and Nitrogen Co-doped Carbide-Derived Carbon Catalysts in Acid Media. <i>ACS Applied Energy Materials</i> , 2019 , 2, 7952-7962	6.1	23
141	Improved ORR Activity and Long-Term Durability of Pt Nanoparticles Deposited on TiO ₂ -Decorated Multiwall Carbon Nanotubes. <i>Journal of the Electrochemical Society</i> , 2019 , 166, F1284-F1291	3.9	12
140	Multi-walled carbon nanotube and carbide-derived carbon supported metal phthalocyanines as cathode catalysts for microbial fuel cell applications. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 3525-3537	5.8	29
139	Oxygen Reduction Reaction on Silver Catalysts in Alkaline Media: a Minireview. <i>ChemElectroChem</i> , 2019 , 6, 73-86	4.3	68

138	Electrochemical reduction of oxygen in alkaline solution on Pd/C catalysts prepared by electrodeposition on various carbon nanomaterials. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 834, 223-232	4.1	15
137	High performance catalysts based on Fe/N co-doped carbide-derived carbon and carbon nanotube composites for oxygen reduction reaction in acid media. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 12636-12648	6.7	25
136	Pt nanoparticles sputter-deposited on TiO ₂ /MWCNT composites prepared by atomic layer deposition: Improved electrocatalytic activity towards the oxygen reduction reaction and durability in acid media. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 4967-4977	6.7	22
135	In situ investigation of poly(3,4-ethylenedioxythiophene) film growth during liquid phase deposition polymerization. <i>Thin Solid Films</i> , 2018 , 653, 274-283	2.2	3
134	Iron and Nitrogen Co-doped Carbide-Derived Carbon and Carbon Nanotube Composite Catalysts for Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2018 , 5, 1827-1836	4.3	34
133	Electrocatalytic oxygen reduction on transition metal macrocyclic complexes for anion exchange membrane fuel cell application. <i>Current Opinion in Electrochemistry</i> , 2018 , 9, 207-213	7.2	32
132	Surface and electrochemical characterization of aryl films grafted on polycrystalline copper from the diazonium compounds using the rotating disk electrode method. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 817, 89-100	4.1	7
131	Oxygen reduction on graphene sheets functionalised by anthraquinone diazonium compound during electrochemical exfoliation of graphite. <i>Electrochimica Acta</i> , 2018 , 267, 246-254	6.7	22
130	Oxygen reduction reaction on electrochemically deposited silver nanoparticles from non-aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 810, 129-134	4.1	17
129	Oxygen Reduction on Catalysts Prepared by Pyrolysis of Electrospun Styrene-Acrylonitrile Copolymer and Multi-walled Carbon Nanotube Composite Fibres. <i>Catalysis Letters</i> , 2018 , 148, 1815-1826	2.8	10
128	Oxygen Reduction on Fe- and Co-Containing Nitrogen-Doped Nanocarbons. <i>ChemElectroChem</i> , 2018 , 5, 2002-2009	4.3	17
127	Highly efficient transition metal and nitrogen co-doped carbide-derived carbon electrocatalysts for anion exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2018 , 375, 233-243	8.9	56
126	Nitrogen-doped carbon-based electrocatalysts synthesised by ball-milling. <i>Electrochemistry Communications</i> , 2018 , 93, 39-43	5.1	36
125	Oxygen Electroreduction in Alkaline Solution on Pd Coatings Prepared by Galvanic Exchange of Copper. <i>Electrocatalysis</i> , 2018 , 9, 400-408	2.7	10
124	Electrocatalysis of oxygen reduction on heteroatom-doped nanocarbons and transition metal-nitrogen-carbon catalysts for alkaline membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 776-804	13	257
123	Oxygen reduction on electrodeposited silver catalysts in alkaline solution. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 81-89	2.6	20
122	Electrocatalysis of Oxygen Reduction on Pristine and Heteroatom-Doped Graphene Materials 2018 , 497-506		6
121	Novel multi walled carbon nanotube based nitrogen impregnated Co and Fe cathode catalysts for improved microbial fuel cell performance. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 23027-23035	6.7	43

120	Oxygen Reduction on Silver Nanoparticles Supported on Carbide-Derived Carbons. <i>Journal of the Electrochemical Society</i> , 2018 , 165, F1199-F1205	3.9	7
119	Oxygen Reduction on Carbon-Supported Metallophthalocyanines and Metalloporphyrins 2018 , 812-819		6
118	Synthesis of highly-active Fe _{N/C} catalysts for PEMFC with carbide-derived carbons. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14663-14674	13	74
117	Oxygen Electroreduction on Pt Nanoparticles Deposited on Reduced Graphene Oxide and N-doped Reduced Graphene Oxide Prepared by Plasma-assisted Synthesis in Aqueous Solution. <i>ChemElectroChem</i> , 2018 , 5, 2902-2911	4.3	10
116	Electrocatalysis of oxygen reduction by iron-containing nitrogen-doped carbon aerogels in alkaline solution. <i>Electrochimica Acta</i> , 2017 , 230, 81-88	6.7	46
115	Electroreduction of oxygen on nitrogen-doped graphene oxide supported silver nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 794, 197-203	4.1	25
114	Platinum nanoparticles supported on nitrobenzene-functionalised graphene nanosheets as electrocatalysts for oxygen reduction reaction in alkaline media. <i>Electrochemistry Communications</i> , 2017 , 81, 79-83	5.1	13
113	Oxygen Electroreduction on Zinc and Dilithium Phthalocyanine Modified Multiwalled Carbon Nanotubes in Alkaline Media. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H338-H344	3.9	9
112	Heat-treatment effects on the ORR activity of Pt nanoparticles deposited on multi-walled carbon nanotubes using magnetron sputtering technique. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 5958-5970	6.7	53
111	Stabilizer-free silver nanoparticles as efficient catalysts for electrochemical reduction of oxygen. <i>Journal of Colloid and Interface Science</i> , 2017 , 491, 358-366	9.3	43
110	Stability of Pt Nanoparticles on Alternative Carbon Supports for Oxygen Reduction Reaction. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F995-F1004	3.9	39
109	Loading effect of carbon-supported platinum nanocubes on oxygen electroreduction. <i>Electrochimica Acta</i> , 2017 , 251, 155-166	6.7	24
108	Platinum Particles Electrochemically Deposited on Multiwalled Carbon Nanotubes for Oxygen Reduction Reaction in Acid Media. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F1014-F1021	3.9	13
107	Transition metal-nitrogen co-doped carbide-derived carbon catalysts for oxygen reduction reaction in alkaline direct methanol fuel cell. <i>Applied Catalysis B: Environmental</i> , 2017 , 219, 276-286	21.8	57
106	Electroreduction of Oxygen on PdPt Alloy Nanocubes in Alkaline and Acidic Media. <i>ChemElectroChem</i> , 2017 , 4, 2547-2555	4.3	12
105	Highly efficient nitrogen-doped carbide-derived carbon materials for oxygen reduction reaction in alkaline media. <i>Carbon</i> , 2017 , 113, 159-169	10.4	76
104	Oxygen Reduction on Anthraquinone Diazonium Compound Derivatized Multi-walled Carbon Nanotube and Graphene Based Electrodes. <i>Electroanalysis</i> , 2017 , 29, 548-558	3	12
103	Porous N,P-doped carbon from coconut shells with high electrocatalytic activity for oxygen reduction: Alternative to Pt-C for alkaline fuel cells. <i>Applied Catalysis B: Environmental</i> , 2017 , 204, 394-402	21.8	239

102	Electrocatalysis of oxygen reduction on multi-walled carbon nanotube supported copper and manganese phthalocyanines in alkaline media. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 921-929	2.6	19
101	Platinum Nanoparticles Supported on Nitrogen-Doped Graphene Nanosheets as Electrocatalysts for Oxygen Reduction Reaction. <i>Electrocatalysis</i> , 2016 , 7, 428-440	2.7	41
100	Cobalt-Nitrogen Co-doped Carbon Nanotube Cathode Catalyst for Alkaline Membrane Fuel Cells. <i>ChemElectroChem</i> , 2016 , 3, 1455-1465	4.3	54
99	Oxygen electroreduction on carbon-supported Pd nanocubes in acid solutions. <i>Electrochimica Acta</i> , 2016 , 188, 301-308	6.7	25
98	Oxygen reduction reaction on carbon-supported palladium nanocubes in alkaline media. <i>Electrochemistry Communications</i> , 2016 , 64, 9-13	5.1	36
97	An Oxygen Reduction Study of Graphene-Based Nanomaterials of Different Origin. <i>Catalysts</i> , 2016 , 6, 108	4	43
96	Enhanced oxygen reduction reaction activity of nitrogen-doped graphene/multi-walled carbon nanotube catalysts in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 22510-22519	6.7	60
95	Electrochemical properties of gold and glassy carbon electrodes electrografted with an anthraquinone diazonium compound using the rotating disc electrode method. <i>RSC Advances</i> , 2016 , 6, 40982-40990	3.7	8
94	Electrocatalysis of oxygen reduction on iron- and cobalt-containing nitrogen-doped carbon nanotubes in acid media. <i>Electrochimica Acta</i> , 2016 , 218, 303-310	6.7	38
93	Recent progress in oxygen reduction electrocatalysis on Pd-based catalysts. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 780, 327-336	4.1	56
92	Enhanced oxygen reduction reaction activity of iron-containing nitrogen-doped carbon nanotubes for alkaline direct methanol fuel cell application. <i>Journal of Power Sources</i> , 2016 , 332, 129-138	8.9	73
91	Enhanced Oxygen Reduction Reaction Activity with Electrodeposited Ag on Manganese Oxide/Graphene Supported Electrocatalyst. <i>Electrocatalysis</i> , 2015 , 6, 465-471	2.7	22
90	Enhanced electrocatalytic activity of nitrogen-doped multi-walled carbon nanotubes towards the oxygen reduction reaction in alkaline media. <i>RSC Advances</i> , 2015 , 5, 59495-59505	3.7	56
89	Nano-electrocatalyst materials for low temperature fuel cells: A review. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 458-472	11.3	46
88	PdPt alloy nanocubes as electrocatalysts for oxygen reduction reaction in acid media. <i>Electrochemistry Communications</i> , 2015 , 56, 11-15	5.1	32
87	Cobalt- and iron-containing nitrogen-doped carbon aerogels as non-precious metal catalysts for electrochemical reduction of oxygen. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 746, 9-17	4.1	70
86	Oxygen electroreduction on MN4-macrocycle modified graphene/multi-walled carbon nanotube composites. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 756, 69-76	4.1	37
85	Oxygen Electroreduction on Electrodeposited PdAu Nanoalloys. <i>Electrocatalysis</i> , 2015 , 6, 77-85	2.7	29

84	Cobalt-Containing Nitrogen-Doped Carbon Aerogels as Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2015 , 2, 2079-2088	4.3	44
83	Electrografting and morphological studies of chemical vapour deposition grown graphene sheets modified by electroreduction of aryldiazonium salts. <i>Electrochimica Acta</i> , 2015 , 161, 195-204	6.7	14
82	Highly active nitrogen-doped nanocarbon electrocatalysts for alkaline direct methanol fuel cell. <i>Journal of Power Sources</i> , 2015 , 281, 94-102	8.9	53
81	Electrocatalysis of oxygen reduction on glassy carbon electrodes modified with anthraquinone moieties. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 1725-1733	2.6	3
80	Electrochemical oxygen reduction behaviour of platinum nanoparticles supported on multi-walled carbon nanotube/titanium dioxide composites. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 735, 68-76	4.1	36
79	Shape-Dependent Electrocatalysis: Oxygen Reduction on Carbon-Supported Gold Nanoparticles. <i>ChemElectroChem</i> , 2014 , 1, 1338-1347	4.3	33
78	Highly active nitrogen-doped few-layer graphene/carbon nanotube composite electrocatalyst for oxygen reduction reaction in alkaline media. <i>Carbon</i> , 2014 , 73, 361-370	10.4	226
77	Electroreduction of oxygen on palladium nanoparticles supported on nitrogen-doped graphene nanosheets. <i>Electrochimica Acta</i> , 2014 , 137, 206-212	6.7	56
76	High oxygen reduction activity of few-walled carbon nanotubes with low nitrogen content. <i>Applied Catalysis B: Environmental</i> , 2014 , 158-159, 233-241	21.8	56
75	Electrochemical Behaviour of HOPG and CVD-Grown Graphene Electrodes Modified with Thick Anthraquinone Films by Diazonium Reduction. <i>Electroanalysis</i> , 2014 , 26, 2619-2630	3	26
74	Electrocatalytic oxygen reduction on nitrogen-doped graphene in alkaline media. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 369-376	21.8	189
73	Electrochemical Reduction of Oxygen on Heat-Treated Pd Nanoparticle/Multi-Walled Carbon Nanotube Composites in Alkaline Solution. <i>Electrocatalysis</i> , 2013 , 4, 42-48	2.7	33
72	Surface and electrochemical characterisation of CVD grown graphene sheets. <i>Electrochemistry Communications</i> , 2013 , 35, 26-29	5.1	19
71	Oxygen reduction on graphene-supported MN4 macrocycles in alkaline media. <i>Electrochemistry Communications</i> , 2013 , 33, 18-22	5.1	77
70	Electrocatalysis of oxygen reduction on nitrogen-containing multi-walled carbon nanotube modified glassy carbon electrodes. <i>Electrochimica Acta</i> , 2013 , 87, 709-716	6.7	100
69	Oxygen reduction on thick anthraquinone films electrografted to glassy carbon. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 702, 8-14	4.1	15
68	OH radical degradation of blocking aryl layers on glassy carbon and gold electrodes leads to film thinning on glassy carbon and pinhole films on gold. <i>Electrochemistry Communications</i> , 2013 , 29, 33-36	5.1	2
67	Electroreduction of oxygen on sputter-deposited Pd nanolayers on multi-walled carbon nanotubes. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 3614-3620	6.7	43

66	Sputter-deposited Pt nanoparticle/multi-walled carbon nanotube composite catalyst for oxygen reduction reaction. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 708, 31-38	4.1	41
65	Electrochemical modification of gold electrodes with azobenzene derivatives by diazonium reduction. <i>ChemPhysChem</i> , 2013 , 14, 1043-54	3.2	11
64	Electrocatalysis of oxygen reduction on electrodeposited Pd coatings on gold. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 691, 35-41	4.1	20
63	Graphene/TiO ₂ composite supported Pt electrocatalyst for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2013 , 107, 509-517	6.7	62
62	Oxygen reduction on electrodeposited Pd coatings on glassy carbon. <i>Electrochimica Acta</i> , 2013 , 88, 513-518	5.8	32
61	Oxygen electroreduction on multi-walled carbon nanotube supported metal phthalocyanines and porphyrins in alkaline media. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 621-7	1.3	42
60	Electrocatalytic oxygen reduction on silver nanoparticle/multi-walled carbon nanotube modified glassy carbon electrodes in alkaline solution. <i>Electrochemistry Communications</i> , 2012 , 20, 15-18	5.1	95
59	Electrochemical reduction of oxygen on palladium nanocubes in acid and alkaline solutions. <i>Electrochimica Acta</i> , 2012 , 59, 329-335	6.7	127
58	Blocking properties of gold electrodes modified with 4-nitrophenyl and 4-decylphenyl groups. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 569-578	2.6	20
57	Oxygen reduction on Pd nanoparticle/multi-walled carbon nanotube composites. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 666, 67-75	4.1	46
56	A study of glassy carbon electrodes modified with azobenzene derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 686, 46-53	4.1	14
55	Non-platinum cathode catalysts for alkaline membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 4406-4412	6.7	167
54	Electrochemical behaviour of ABTS on aryl-modified glassy carbon electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 661, 343-350	4.1	12
53	Versatile charge transfer through anthraquinone films for electrochemical sensing applications. <i>Electrochimica Acta</i> , 2011 , 56, 8926-8933	6.7	16
52	Oxygen reduction on Nafion-coated thin-film palladium electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 652, 1-7	4.1	53
51	Effect of purification of carbon nanotubes on their electrocatalytic properties for oxygen reduction in acid solution. <i>Carbon</i> , 2011 , 49, 4031-4039	10.4	70
50	Enhanced electrocatalytic activity of cubic Pd nanoparticles towards the oxygen reduction reaction in acid media. <i>Electrochemistry Communications</i> , 2011 , 13, 734-737	5.1	101
49	Electroreduction of oxygen on Vulcan carbon supported Pd nanoparticles and PdM nanoalloys in acid and alkaline solutions. <i>Electrochimica Acta</i> , 2011 , 56, 6702-6708	6.7	58

48	Oxygen reduction on carbon nanomaterial-modified glassy carbon electrodes in alkaline solution. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1269-1277	2.6	68
47	Blocking Behavior of Covalently Attached Anthraquinone Towards Solution-Based Redox Probes. <i>Electroanalysis</i> , 2010 , 22, 513-518	3	15
46	Electrochemical properties of aryl-modified gold electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 641, 90-98	4.1	16
45	Kinetics of oxygen reduction on gold nanoparticle/multi-walled carbon nanotube hybrid electrodes in acid media. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 642, 6-12	4.1	13
44	Electroreduction of oxygen on nitrogen-doped carbon nanotube modified glassy carbon electrodes in acid and alkaline solutions. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 648, 169-175	4.1	168
43	Electrochemical reduction of oxygen on double-walled carbon nanotube modified glassy carbon electrodes in acid and alkaline solutions. <i>Electrochemistry Communications</i> , 2010 , 12, 920-923	5.1	40
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39	Electrocatalysis of oxygen reduction by quinones adsorbed on highly oriented pyrolytic graphite electrodes. <i>Electrochimica Acta</i> , 2010 , 55, 6376-6382	6.7	54
38	Electrochemical behaviour of glassy carbon electrodes modified with aryl groups. <i>Electrochimica Acta</i> , 2010 , 56, 166-173	6.7	18
37	Hydrodynamic Deposition of Carbon Nanotubes onto HOPG: The Reduction of Oxygen on CNT/HOPG Electrodes in Alkaline Solution. <i>Electrochemical and Solid-State Letters</i> , 2009 , 12, F31		30
36	Surface modification of gold electrodes with anthraquinone diazonium cations. <i>Electrochemistry Communications</i> , 2009 , 11, 405-408	5.1	31
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33	The pH-dependence of oxygen reduction on multi-walled carbon nanotube modified glassy carbon electrodes. <i>Carbon</i> , 2009 , 47, 651-658	10.4	106
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28	Electrochemical reduction of oxygen on nanostructured gold electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 612, 78-86	4.1	72
27	Electrochemical reduction of oxygen on thin-film Pt electrodes in acid solutions. <i>Electrochimica Acta</i> , 2008 , 53, 5873-5880	6.7	69
26	Electrochemical behaviour of nickel electrodes modified with nitrophenyl groups. <i>Electrochemistry Communications</i> , 2007 , 9, 2412-2417	5.1	15
25	Electrochemical synthesis of hydrogen peroxide: Rotating disk electrode and fuel cell studies. <i>Electrochimica Acta</i> , 2007 , 52, 7262-7269	6.7	68
24	Oxygen electroreduction on anthraquinone-modified nickel electrodes in alkaline solution. <i>Electrochemistry Communications</i> , 2007 , 9, 1196-1201	5.1	30
23	Oxygen electroreduction on chemically modified glassy carbon electrodes in alkaline solution. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 183-193	4.1	44
22	Attachment of anthraquinone derivatives to glassy carbon and the electrocatalytic behavior of the modified electrodes toward oxygen reduction. <i>Journal of Solid State Electrochemistry</i> , 2007 , 11, 1411-1420	2.6	34
21	The pH-dependence of oxygen reduction on quinone-modified glassy carbon electrodes. <i>Electrochimica Acta</i> , 2007 , 53, 390-399	6.7	108
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19	Electroreduction of oxygen on multi-walled carbon nanotubes modified highly oriented pyrolytic graphite electrodes in alkaline solution. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 597, 119-126	4.1	87
18	Oxygen reduction on gold nanoparticle/multi-walled carbon nanotubes modified glassy carbon electrodes in acid solution. <i>Electrochemistry Communications</i> , 2006 , 8, 1475-1480	5.1	72
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