Jun-Qing Pan

List of Publications by Citations

Source: https://exaly.com/author-pdf/6149983/jun-qing-pan-publications-by-citations.pdf

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

113
papers

2,271
citations

29
h-index

g-index

120
ext. papers

5.8
avg, IF

L-index

#	Paper	IF	Citations
113	NiCoFe-Layered Double Hydroxides/N-Doped Graphene Oxide Array Colloid Composite as an Efficient Bifunctional Catalyst for Oxygen Electrocatalytic Reactions. <i>Advanced Energy Materials</i> , 2018 , 8, 1701905	21.8	192
112	Hierarchical Metal-Free Nitrogen-Doped Porous Graphene/Carbon Composites as an Efficient Oxygen Reduction Reaction Catalyst. <i>ACS Applied Materials & District Acts Acts Applied Materials & District Acts Acts Acts Acts Acts Acts Acts Ac</i>	9.5	98
111	A new biomass derived rod-like porous carbon from tea-waste as inexpensive and sustainable energy material for advanced supercapacitor application. <i>Electrochimica Acta</i> , 2020 , 335, 135588	6.7	69
110	A green lead hydrometallurgical process based on a hydrogen-lead oxide fuel cell. <i>Nature Communications</i> , 2013 , 4, 2178	17.4	59
109	Highly ordered hierarchical porous carbon derived from biomass waste mangosteen peel as superior cathode material for high performance supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 855, 113616	4.1	57
108	A novel rod-like porous carbon with ordered hierarchical pore structure prepared from Al-based metal-organic framework without template as greatly enhanced performance for supercapacitor. Journal of Power Sources, 2019, 409, 13-23	8.9	57
107	Synergistically Enhanced Electrocatalytic Activity of Sandwich-like N-Doped Graphene/Carbon Nanosheets Decorated by Fe and S for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19533-41	9.5	56
106	Highly activated porous carbon with 3D microspherical structure and hierarchical pores as greatly enhanced cathode material for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2018 , 391, 162-169	8.9	53
105	A new process of lead recovery from waste lead-acid batteries by electrolysis of alkaline lead oxide solution. <i>Electrochemistry Communications</i> , 2012 , 19, 70-72	5.1	50
104	A facile hydrothermal synthesis of visible-light responsive BiFeWO6/MoS2 composite as superior photocatalyst for degradation of organic pollutants. <i>Ceramics International</i> , 2019 , 45, 18683-18690	5.1	48
103	Study on a new single flow acid CuPbO2 battery. <i>Electrochemistry Communications</i> , 2008 , 10, 1226-1229	5.1	45
102	Hierarchical porous carbon derived from jujube fruits as sustainable and ultrahigh capacitance material for advanced supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 347-356	9.3	44
101	Preliminary study of alkaline single flowing ZnD2 battery. <i>Electrochemistry Communications</i> , 2009 , 11, 2191-2194	5.1	44
100	Synthesis, characterization and electrochemical performance of battery grade NiOOH. <i>Electrochemistry Communications</i> , 2005 , 7, 857-862	5.1	44
99	Hollow-tubular porous carbon derived from cotton with high productivity for enhanced performance supercapacitor. <i>Journal of Power Sources</i> , 2019 , 438, 226936	8.9	43
98	Lead ion and tetrabutylammonium bromide as inhibitors of the growth of spongy zinc in single flow zinc/nickel batteries. <i>Electrochimica Acta</i> , 2012 , 59, 64-68	6.7	42
97	Nano silver oxide (AgO) as a super high charge/discharge rate cathode material for rechargeable alkaline batteries. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4820		41

96	One-pot preparation of AgBr/\textsup Ag2WO4 composite with superior photocatalytic activity under visible-light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124	079	41	
95	A novel coral structured porous-like amorphous carbon derived from zinc-based fluorinated metal-organic framework as superior cathode material for high performance supercapacitors. <i>Journal of Power Sources</i> , 2019 , 414, 401-411	8.9	36	
94	Nitrogen-doped hierarchically ellipsoidal porous carbon derived from Al-based metal-organic framework with enhanced specific capacitance and rate capability for high performance supercapacitors. <i>Journal of Power Sources</i> , 2019 , 432, 102-111	8.9	34	
93	Fe7C3 nanoparticles with in situ grown CNT on nitrogen doped hollow carbon cube with greatly enhanced conductivity and ORR performance for alkaline fuel cell. <i>Carbon</i> , 2021 , 174, 531-539	10.4	33	
92	A facile single-pot synthesis of WO3/AgCl composite with enhanced photocatalytic and photoelectrochemical performance under visible-light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 567, 171-183	5.1	32	
91	Preparation of High Purity Lead Oxide from Spent Lead Acid Batteries via Desulfurization and Recrystallization in Sodium Hydroxide. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2059-	2088	32	
90	Nickel foam-supported NiFe layered double hydroxides nanoflakes array as a greatly enhanced electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 21824	4-2783	4 ³²	
89	A coin like porous carbon derived from Al-MOF with enhanced hierarchical structure for fast charging and super long cycle energy storage. <i>Carbon</i> , 2019 , 154, 428-438	10.4	31	
88	A green and economical approach to derive biomass porous carbon from freely available feather finger grass flower for advanced symmetric supercapacitors. <i>Journal of Energy Storage</i> , 2021 , 35, 10228	37 .8	31	
87	A novel in-situ preparation of N-rich spherical porous carbon as greatly enhanced material for high-performance supercapacitors. <i>Carbon</i> , 2021 , 171, 62-71	10.4	31	
86	A green and template-free synthesis process of superior carbon material with ellipsoidal structure as enhanced material for supercapacitors. <i>Journal of Power Sources</i> , 2018 , 405, 80-88	8.9	31	
85	A Facile Synthesis of Visible-Light Driven Rod-on-Rod like & eOOH/ AgVO3 Nanocomposite as Greatly Enhanced Photocatalyst for Degradation of Rhodamine B. <i>Catalysts</i> , 2018 , 8, 392	4	29	
84	High-performance nitrogen-doped hierarchical porous carbon derived from cauliflower for advanced supercapacitors. <i>Journal of Materials Science</i> , 2019 , 54, 2446-2457	4.3	28	
83	Preparation of NaBiO3 and the electrochemical characteristic of manganese dioxide doped with NaBiO3. <i>Electrochimica Acta</i> , 2006 , 51, 3118-3124	6.7	27	
82	Low temperature synthesis of layered LiNiO2 cathode material in air atmosphere by ion exchange reaction. <i>Solid State Ionics</i> , 2006 , 177, 1173-1177	3.3	27	
81	Highly Dispersed Ag-Functionalized Graphene Electrocatalyst for Oxygen Reduction Reaction in Energy-Saving Electrolysis of Sodium Carbonate. <i>Industrial & Dispersion of Chemistry Research</i> , 2015 , 54, 7415-7422	3.9	24	
80	A facile and scalable complexation-precipitation method of iron doped nickel hydroxide nanosheets as a superior oxygen evolution catalyst. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 26575-26585	6.7	24	
79	Ultrafast Electrodeposition of Ni E e Hydroxide Nanosheets on Nickel Foam as Oxygen Evolution Anode for Energy-Saving Electrolysis of Na2CO3/NaHCO3. <i>ChemElectroChem</i> , 2017 , 4, 1044-1050	4.3	23	

78	Facile fabrication of a new BiFeWO6/EAgVO3 composite with efficient visible-light photocatalytic activity for dye-degradation. <i>Optical Materials</i> , 2019 , 92, 284-293	3.3	23
77	Hierarchically Porous Biomass Carbon Derived from Natural Withered Rose Flowers as High-Performance Material for Advanced Supercapacitors. <i>Batteries and Supercaps</i> , 2020 , 3, 731-737	5.6	23
76	A facile one-pot synthesis of microspherical-shaped CoS2/CNT composite as Pt-free electrocatalyst for efficient hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16537-10	65 4 7	22
75	A green dual complexation precipitation synthesis of hierarchical ENi(OH)2 microspheres and their electrochemical performance. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 19139-19147	6.7	20
74	A tubular-like porous carbon derived from waste American poplar fruit as advanced electrode material for high-performance supercapacitor. <i>Journal of Energy Storage</i> , 2020 , 32, 101903	7.8	20
73	Electrolytic Preparation, Structure Characterization and Electrochemical Performance of NiOOH. <i>Chinese Journal of Chemical Engineering</i> , 2007 , 15, 262-267	3.2	19
72	Recent progress on porous carbon and its derivatives from plants as advanced electrode materials for supercapacitors. <i>Journal of Power Sources</i> , 2022 , 520, 230886	8.9	19
71	Manganese dioxide-supported silver bismuthate as an efficient electrocatalyst for oxygen reduction reaction in zinc-oxygen batteries. <i>Electrochimica Acta</i> , 2016 , 197, 68-76	6.7	19
70	Fast Electrodeposited NickleIron Hydroxide Nanosheets on Sintered Stainless Steel Felt as Bifunctional Electrocatalyts for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9885-9895	8.3	18
69	Zinc deposition and dissolution in sulfuric acid onto a graphitelesin composite electrode as the negative electrode reactions in acidic zinc-based redox flow batteries. <i>Journal of Applied Electrochemistry</i> , 2013 , 43, 541-551	2.6	18
68	CoMo carbide/nitride from bimetallic MOF precursors for enhanced OER performance. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 22268-22276	6.7	18
67	Accelerated desulphurization of waste lead battery paste in a high-gravity rotating packed bed. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016 , 104, 148-153	3.7	18
66	A novel carbon nanotubes@porous carbon/sulfur composite as efficient electrode material for high-performance lithium-sulfur battery. <i>Ionics</i> , 2019 , 25, 4761-4773	2.7	17
65	Synthesis and Electrochemical Properties of NanoMicro Spherical ENi(OH)2 with Super High ChargeDischarge Speed. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 8358-8365	3.9	17
64	A facile synthesis of nano AgBr attached potato-like AgMoO composite as highly visible-light active photocatalyst for purification of industrial waste-water. <i>Environmental Pollution</i> , 2021 , 269, 116034	9.3	17
63	Preparation of 3D spherical Ni/Al LDHs with significantly enhanced electrochemical performance as a superior cathode material for Ni/MH batteries. <i>Electrochimica Acta</i> , 2018 , 289, 333-341	6.7	17
62	Using potassium ferricyanide as a dopant to prepare K and Fe co-doped Li4Ti5O12. <i>Ceramics International</i> , 2016 , 42, 19187-19194	5.1	16
61	Rational Design and Growth of MOF-on-MOF Heterostructures. <i>Small</i> , 2021 , 17, e2100607	11	15

(2020-2017)

60	Synthesis of nano-Ni(OH)2/porous carbon composite as superior cathode materials for alkaline power batteries. <i>Electrochimica Acta</i> , 2017 , 252, 558-567	6.7	14	
59	Modification of stainless steel fiber felt via in situ self-growth by electrochemical induction as a robust catalysis electrode for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1810-1821	6.7	14	
58	Carbon nanodots prepared from NaOH-boiled graphene and its usage as a support of PdO for ethanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 9766-9774	6.7	13	
57	Nano-NiOOH prepared by splitting method as super high-speed charge/discharge cathode material for rechargeable alkaline batteries. <i>Journal of Power Sources</i> , 2009 , 188, 308-312	8.9	13	
56	The Principle and Electrochemical Performance of a Single Flow CdPbO2Battery. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1146-A1152	3.9	12	
55	Mn3O4 doped with nano-NaBiO3: A high capacity cathode material for alkaline secondary batteries. <i>Journal of Alloys and Compounds</i> , 2009 , 470, 75-79	5.7	12	
54	A facile single-pot synthesis of visible-light-driven AgBr/Ag2CO3 composite as efficient photocatalytic material for water purification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124183	5.1	12	
53	Facile construction of N-doped Mo2C@CNT composites with 3D nanospherical structures as an efficient electrocatalyst for hydrogen evolution reaction. <i>Ionics</i> , 2019 , 25, 4273-4283	2.7	11	
52	A Clean and Highly Efficient Leaching Electrodeposition Lead Recovery Route in HClO4 Solution. <i>International Journal of Electrochemical Science</i> , 2017 , 6966-6979	2.2	10	
51	A New Single Flow Zinc-Nickel Hybrid Battery Using a Ni(OH)2-O2 Composite cathode. <i>International Journal of Electrochemical Science</i> , 2017 , 6022-6030	2.2	10	
50	Hierarchically activated porous carbon derived from zinc-based fluorine containing metal-organic framework as extremely high specific capacitance and rate performance electrode material for advanced supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021 , 591, 9-19	9.3	10	
49	Evaluation of substrates for zinc negative electrode in acid PbO2In single flow batteries. <i>Chinese Journal of Chemical Engineering</i> , 2016 , 24, 529-534	3.2	10	
48	Wrinkled Reduced Graphene Oxide Supported Nano Ag4Bi2O5 Rods as Greatly Enhanced Catalyst for Zinc-Air Battery. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A968-A974	3.9	9	
47	A facile preparation of 3D flower-shaped Ni/Al-LDHs covered by ENi(OH)2 nanoplates as superior material for high power application. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 2526-2534	3.2	9	
46	A high capacity cathode material-MnO2 doped with nano Ag4Bi2O5 for alkaline secondary batteries. <i>Journal of Power Sources</i> , 2012 , 199, 355-359	8.9	9	
45	A green preparation method of battery grade PbO based on Pb-O2 fuel cell. <i>Journal of Power Sources</i> , 2017 , 360, 324-327	8.9	8	
44	A green and cost-effective process for recovery of high purity PbO from spent lead acid batteries. Journal of Cleaner Production, 2020 , 267, 122107	10.3	8	
43	A Facile Preparation of EMnO2 as Cathode Material for High-Performance Zinc-Manganese Redox Flow Battery. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 040517	3.9	8	

42	A new facile process to remove Brlfrom waste printed circuit boards smelting ash: Thermodynamic analysis and process parameter optimization. <i>Journal of Cleaner Production</i> , 2020 , 254, 120176	10.3	8
41	A facile preparation of Nickel Foam-supported Ni(OH)2 nano arrays via in-situ etching method with superior bendable electrochemical performance for wearable power supply. <i>Journal of Alloys and Compounds</i> , 2020 , 835, 155293	5.7	8
40	The change of structure and electrochemical property in the synthesis process of spherical NiOOH. <i>Electrochimica Acta</i> , 2009 , 54, 3812-3818	6.7	8
39	Halogen: a high-capacity cathode for rechargeable alkaline batteries. <i>Chemical Communications</i> , 2005 , 3340-2	5.8	8
38	Recent progress on porous carbon derived from Zn and Al based metal-organic frameworks as advanced materials for supercapacitor applications. <i>Journal of Energy Storage</i> , 2021 , 44, 103263	7.8	8
37	One-Step Electrodeposition Synthesis of Bimetal Fe- and Co-Doped NiPi/P for Highly Efficient Overall Water Splitting. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 2070-2078	3.9	8
36	Totally atom-economical synthesis of nano/micro structured nickel hydroxide realized by an NiD2 fuel cell. <i>Green Chemistry</i> , 2015 , 17, 1446-1452	10	7
35	High Performance of Pb-doped Li4Ti5O12 as an Anode Material for Lithium Ion Batteries. <i>International Journal of Electrochemical Science</i> ,8381-8398	2.2	6
34	A new rapid synthesis of hexagonal prism Zn-MOF as a precursor at room temperature for energy storage through pre-ionization strategy. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1364-1373	9.3	6
33	A study on AgCuO2 as ultra fast charging cathode material for alkaline secondary battery. <i>Journal of Power Sources</i> , 2012 , 203, 206-210	8.9	5
32	Study on preparation of NiOOH by a new catalytic electrolysis method. <i>Materials Research Bulletin</i> , 2009 , 44, 943-946	5.1	5
31	Hierarchically porous carbon derived from magnesium-based metal-organic frameworks as advanced active material for supercapacitor. <i>Journal of Energy Storage</i> , 2022 , 49, 104071	7.8	5
30	Phosphorus-doped CoS2 nanoparticles with greatly enhanced electrocatalytic performance as Pt-free catalyst for hydrogen evolution reaction in acidic electrolyte. <i>Ionics</i> , 2020 , 26, 6265-6275	2.7	5
29	Leaching Br from high bromine containing circuit board smelting flue dust by sodium hydroxide solution: thermodynamics and kinetics study. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 86	7 <i>5</i> -868	4 ⁴
28	Effect of Electrolyte on the Performance of Electrodes for an All Lead Flow Battery. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2013 , 29, 2354-2360	3.8	4
27	Preparation and the Electrochemical Properties of Monolithic Porous Carbon as a Substrate for Nickel Hydroxide Electrode. <i>Journal of the Electrochemical Society</i> , 2011 , 158, A1303	3.9	4
26	The proton exchange chemistry of layered Ni(OH)2 for two types of high-capacity cathode materials in rechargeable batteries. <i>Materials Research Bulletin</i> , 2009 , 44, 227-230	5.1	4
25	Couple of Nonpolarized/Polarized Electrodes Building a New Universal Electrochemical Energy Storage System with an Impressive Energy Density. <i>ACS Applied Materials & Description</i> 13, 45375-45384	9.5	4

24	Accurately control the micropore/mesopore ratio to construct a new hierarchical porous carbon with ultrahigh capacitance and rate performance. <i>Journal of Power Sources</i> , 2022 , 532, 231324	8.9	4
23	A new green, energy-saving, and pressing refining process for the recovery of ultrahigh-purity lead in alkaline solution from spent lead plate grids. <i>Ionics</i> , 2019 , 25, 3979-3990	2.7	3
22	A Facile Preparation of Hierarchical ENi(OH)2@NiAl-LDHs Nanosheets on 3D Nickel Foam as Ultra High Rate Capability Cathode without Binder for Nickel Based Batteries. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2273-A2279	3.9	3
21	Analysis of electrochemical mechanism of coprecipitated nano-Ag4Bi2O5 as super high chargellischarge rate cathode materials for aqueous rechargeable battery. <i>Electrochimica Acta</i> , 2012 , 59, 515-521	6.7	3
20	Preparation of Ag4Bi2O5/MnO2 Corn/Cob Like Nano Material as a Superior Catalyst for Oxygen Reduction Reaction in Alkaline Solution. <i>Catalysts</i> , 2017 , 7, 379	4	3
19	Pyrolytic carbon black-derived porous carbon with spherical skeleton as recovered and enduring electrode material for supercapacitor. <i>Journal of Energy Storage</i> , 2021 , 44, 103372	7.8	3
18	An energy saving and fluorine-free electrorefining process for ultrahigh purity lead refining. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1191-1199	3.2	3
17	Preparation of Nano-Ag4Bi2O5/Graphene Oxide Composite and Study of Its Catalytic Performance for Oxygen Reduction Reaction. <i>International Journal of Electrochemical Science</i> , 2017 , 1263-1271	2.2	2
16	Potassium Permanganate (KMnO4) Can be Employed as Anode Material for Lithium Ion Batteries. <i>International Journal of Electrochemical Science</i> , 2017 , 5657-5667	2.2	2
15	Employing a 100 LC-dried mixture that contained KMnO 4 and SnCl 4 as an anode material for lithium ion batteries. <i>Materials Chemistry and Physics</i> , 2018 , 213, 422-430	4.4	2
14	The Significant Role of NiO in Enhancing the Electrocatalytic Activity of the Pyrolysis Products of the Mixture Containing PdO and Multiwalled Carbon Nanotubes for EOR. <i>ChemistrySelect</i> , 2017 , 2, 550	1-5810	2
13	A new lead single flow battery in a composite perchloric acid system with high specific surface capacity for large-scale energy storage. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 3533-3543	2.6	2
12	The Ni-Mo-S Catalyst @Copper Foams with Excellent Stability and 1.5 (V Drive Electrolytic Water. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100500	4.6	2
11	The Calcined Soils Can Be Used as Anode Materials for Lithium Ion Batteries. <i>International Journal of Electrochemical Science</i> ,4967-4980	2.2	2
10	A new hexagonal porous carbon nanoplate material derived from Al-based metal organic framework for high performance supercapacitors. <i>Electrochimica Acta</i> , 2021 , 371, 137826	6.7	2
9	Influence of Electrolytic Conditions on the Preparation of NiOOH by Catalytic Electrolysis Method. <i>International Journal of Electrochemical Science</i> , 2018 , 2718-2730	2.2	2
8	Al-MOF-derived spindle-like hierarchical porous activated carbon for advanced supercapacitors <i>Dalton Transactions</i> , 2022 ,	4.3	1
7	Peony-shaped micron-sized NiO particles: their excellent electrochemical performances as anode materials of lithium ion batteries (LIBs). <i>Journal of Solid State Electrochemistry</i> , 2022 , 26, 985-996	2.6	1

6	A new desulfation process of spent lead paste via cyclic utilization of CO2NH3IH2O. <i>Journal of Cleaner Production</i> , 2022 , 349, 131307	10.3	1
5	Functionality and design of Co-MOFs: unique opportunities in electrocatalysts for oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2022 , 12, 1723-1740	5.5	O
4	A new MnxOy/carbon nanorods derived from bimetallic Zn/Mn metallinganic framework as an efficient oxygen reduction reaction electrocatalyst for alkaline Zn-Air batteries. <i>Journal of Solid State Electrochemistry</i> ,1	2.6	O
3	A facile preparation of nano-Ag4Bi2O5/MnOx on wrinkled rGO as greatly enhanced ternary catalyst for oxygen reduction reaction in alkaline electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 2737-2746	2.6	
2	Lead Ion and Tetrabutylammonium Bromide as Inhibitors of the Spongy Growth of Zinc in Single Flow Zinc/Nickel Batteries. <i>Advanced Materials Research</i> , 2011 , 396-398, 18-23	0.5	
1	A possible channel effect of the organics adsorbed to the electrode surface on interfacial electron transfer in the alkaline Pb electrodeposition process. <i>New Journal of Chemistry</i> , 2021 , 45, 10831-10838	3.6	