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List of PR Articles by Year in descending order

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53

PR articles

1,335

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342448

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309814

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1368

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349887

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1471

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Charge Transfer Modulation in g-C ₃ N ₄ /CeO ₂ Composites: Electrocatalytic Oxygen Reduction for H ₂ O ₂ Production. <i>Inorganic Chemistry</i> , 2025, 64, 3017-3027.	4.6	4
2	Acetamidrid's degradation products and mechanism: Part II "Inert atmosphere and charge storage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2024, 308, 123772.	4.3	5
3	Transition Metal-Based Polyoxometalates for Oxygen Electrode Bifunctional Electrocatalysis. <i>Batteries</i> , 2024, 10, 197.	4.4	4
4	Variation in Activation Parameters for the Preparation of Cellulose-Based Porous Carbon Fibers Used for Electrochemical Applications. <i>Fibers</i> , 2024, 12, 46.	3.7	1
5	Bulk or supported tungstophosphates? Antioxidant and antimicrobial activities following pesticide removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 700, 134852.	5.2	3
6	Facile and Low-Cost Electrochemical Synthesis of Zinc Alginate Hydrogel Films for Biomedical Applications. <i>Applied Organometallic Chemistry</i> , 2024, 38, .	3.8	1
7	Carbonization of MOF-5/Polyaniline Composites to N,O-Doped Carbon/ZnO/ZnS and N,O-Doped Carbon/ZnO Composites with High Specific Capacitance, Specific Surface Area and Electrical Conductivity. <i>Materials</i> , 2023, 16, 1018.	2.9	15
8	Can Zeolite-Supporting Acridines Boost Their Anticancer Performance?. <i>Journal of Functional Biomaterials</i> , 2023, 14, 173.	4.8	6
9	Spectral evidence of acetamidrid's thermal degradation products and mechanism. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 301, 122987.	4.3	14
10	Environmental Potential of Carbonized MOF-5/PANI Composites for Pesticide, Dye, and Metal Cations "Can They Actually Retain Them All?. <i>Polymers</i> , 2023, 15, 4349.	4.6	7
11	Exploring the Impact of DAHP Impregnation on Activated Carbon Fibers for Efficient Charge Storage and Selective O ₂ Reduction to Peroxide. <i>Journal of Carbon Research</i> , 2023, 9, 105.	2.0	2
12	What role does carbonized tannic acid play in energy storage composites?. <i>Fuel</i> , 2022, 312, 122930.	7.5	11
13	Tailored porosity development in carbons via Zn ²⁺ monodispersion: Fitting supercapacitors. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111790.	4.7	10
14	Macroporous nitrogen-containing carbon for electrochemical capacitors. <i>Electrochimica Acta</i> , 2022, 418, 140370.	5.3	5
15	How to Obtain Maximum Environmental Applicability from Natural Silicates. <i>Catalysts</i> , 2022, 12, 519.	3.8	13
16	Biomass-Derived Carbons as Versatile Materials for Energy-Related Applications: Capacitive Properties vs. Oxygen Reduction Reaction Catalysis. <i>Journal of Carbon Research</i> , 2021, 7, 55.	2.0	10
17	Composition, structure and potential energy application of nitrogen doped carbon cryogels. <i>Materials Chemistry and Physics</i> , 2020, 239, 122120.	4.5	12
18	Carbon Materials Derived from Poly(aniline-co-p-phenylenediamine) Cryogels. <i>Polymers</i> , 2020, 12, 11.	4.6	8

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19	Polyaniline-metal organic framework (Fe-BTC) composite for electrochemical applications. <i>Polymer</i> , 2020, 208, 122945.	4.2	37
20	Carbon materials obtained by carbonization of electrochemically gelled alginates and chitosan for supercapacitors. <i>Tehnika</i> , 2020, 75, 545-552.	0.2	1
21	Calculation of the fraction of pseudo-capacitance and electric double layer capacitance in carbon-based electrochemical capacitors. <i>Tehnika</i> , 2020, 75, 135-140.	0.2	2
22	Developing an advanced electrocatalyst derived from triangular silver nanoplates@polyvinylpyrrolidone-polyaniline nanocomposites. <i>Synthetic Metals</i> , 2019, 257, 116173.	4.5	7
23	Carbogels: carbonized conducting polyaniline/poly(vinyl alcohol) aerogels derived from cryogels for electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1785-1796.	9.3	17
24	Surface modification of tungsten disulfide with polypyrrole for enhancement of the conductivity and its impact on hydrogen evolution reaction. <i>Applied Surface Science</i> , 2019, 492, 497-503.	6.7	19
25	Tailoring of carbonized polypyrrole nanotubes core by different polypyrrole shells for oxygen reduction reaction selectivity modification. <i>Journal of Colloid and Interface Science</i> , 2019, 551, 184-194.	9.9	40
26	In situ synthesis of potassium tungstophosphate supported on BEA zeolite and perspective application for pesticide removal. <i>Journal of Environmental Sciences</i> , 2019, 81, 136-147.	6.9	23
27	Effects of alkali metal cations on oxygen reduction on N-containing carbons viewed as the interplay between capacitive and electrocatalytic properties: Experiment and theory. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 901-914.	0.7	2
28	Electrochemical properties of lignin/polypyrrole composites and their carbonized analogues. <i>Materials Chemistry and Physics</i> , 2018, 213, 352-361.	4.5	46
29	Nanocarbons derived from polymers for electrochemical energy conversion and storage – A review. <i>Synthetic Metals</i> , 2018, 246, 267-281.	4.5	25
30	One-pot synthesis of novel silver-polyaniline-polyvinylpyrrolidone electrocatalysts for efficient oxygen reduction reaction. <i>Electrochimica Acta</i> , 2018, 281, 549-561.	5.3	22
31	A study of ordered mesoporous carbon doped with Co and Ni as a catalyst of oxygen reduction reaction in both alkaline and acidic media. <i>Surface and Coatings Technology</i> , 2018, 349, 511-521.	5.7	26
32	Phosphorus and nitrogen-containing carbons obtained by the carbonization of conducting polyaniline complex with phosphites. <i>Electrochimica Acta</i> , 2017, 246, 443-450.	5.3	22
33	Adsorption of Acetonitrile on Platinum and its Effects on Oxygen Reduction Reaction in Acidic Aqueous Solutions – Combined Theoretical and Experimental Study. <i>Electrocatalysis</i> , 2016, 7, 235-248.	2.6	18
34	The Effects of a Low-Level Boron, Phosphorus, and Nitrogen Doping on the Oxygen Reduction Activity of Ordered Mesoporous Carbons. <i>Electrocatalysis</i> , 2015, 6, 498-511.	2.6	39
35	Incorporation of Pt, Ru and Pt-Ru nanoparticles into ordered mesoporous carbons for efficient oxygen reduction reaction in alkaline media. <i>Electrochimica Acta</i> , 2015, 153, 130-139.	5.3	23
36	Complex electrochemical investigation of ordered mesoporous carbon synthesized by soft-templating method: charge storage and electrocatalytic or Pt-electrocatalyst supporting behavior. <i>Electrochimica Acta</i> , 2014, 125, 606-614.	5.3	22

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37	Synthesis, Characterization, and Electrochemistry of Nanotubular Polypyrrole and Polypyrrole-Derived Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14770-14784.	3.1	115
38	On the tungsten carbide synthesis for PEM fuel cell application – Problems, challenges and advantages. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11175-11185.	9.1	25
39	Dimethylsulfoxide as a modifier of platinum electrocatalytic activity toward oxygen reduction reaction in aqueous solutions: Combined theoretical and experimental study. <i>Journal of Electroanalytical Chemistry</i> , 2014, 714-715, 11-18.	3.9	13
40	DFT study of chlorine adsorption on bimetallic surfaces - Case study of Pd ₃ M and Pt ₃ M alloy surfaces. <i>Electrochimica Acta</i> , 2014, 130, 453-463.	5.3	15
41	Oxygen reduction reaction of Pt-In alloy: Combined theoretical and experimental investigations. <i>Electrochimica Acta</i> , 2013, 114, 706-712.	5.3	18
42	The synthesis of single phase WC nanoparticles/C composite by solid state reaction involving nitrogen-rich carbonized polyaniline. <i>Ceramics International</i> , 2013, 39, 8761-8765.	5.4	10
43	Superior capacitive and electrocatalytic properties of carbonized nanostructured polyaniline upon a low-temperature hydrothermal treatment. <i>Carbon</i> , 2013, 64, 472-486.	10.7	78
44	Carbonised polyaniline and polypyrrole: towards advanced nitrogen-containing carbon materials. <i>Chemical Papers</i> , 2013, 67, .	2.3	118
45	Fluorine adsorption on transition metal surfaces: A DFT study. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1763-1773.	0.7	13
46	Electrocatalysis of oxygen reduction reaction on polyaniline-derived nitrogen-doped carbon nanoparticle surfaces in alkaline media. <i>Journal of Power Sources</i> , 2012, 220, 306-316.	8.0	115
47	High-performance charge storage by N-containing nanostructured carbon derived from polyaniline. <i>Carbon</i> , 2012, 50, 3915-3927.	10.7	125
48	Microporous conducting carbonized polyaniline nanorods: Synthesis, characterization and electrocatalytic properties. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 50-57.	4.7	56
49	Micro/mesoporous conducting carbonized polyaniline 5-sulfosalicylate nanorods/nanotubes: Synthesis, characterization and electrocatalysis. <i>Synthetic Metals</i> , 2011, 161, 2179-2184.	4.5	35
50	Carbonized polyaniline nanotubes/nanosheets-supported Pt nanoparticles: Synthesis, characterization and electrocatalysis. <i>Materials Letters</i> , 2011, 65, 962-965.	2.5	39
51	Enhancement of electrocatalytic properties of carbonized polyaniline nanoparticles upon a hydrothermal treatment in alkaline medium. <i>Electrochimica Acta</i> , 2011, 56, 9197-9202.	5.3	37
52	Electrochemical behavior of nanostructured MnO ₂ /C (Vulcan®) composite in aqueous electrolyte LiNO ₃ . <i>Hemijaska Industrija</i> , 2011, 65, 287-293.	0.4	1
53	Deactivation via ring opening: A quantum chemical study of the excited states of furan and comparison to thiophene. <i>Chemical Physics</i> , 2008, 349, 269-277.	2.2	63