

Yanlin Qin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8637759/yanlin-qin-publications-by-year.pdf>

Version: 2024-04-23

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.

46
papers

1,097
citations

20
h-index

32
g-index

54
ext. papers

1,627
ext. citations

7.3
avg, IF

5.05
L-index

#	Paper	IF	Citations
46	Lamellar hierarchical lignin-derived porous carbon activating the capacitive property of polyaniline for high-performance supercapacitors.. <i>Journal of Colloid and Interface Science</i> , 2022 , 617, 694-703	9.3	2
45	Rational design of 2D ultrathin BiO(HCOO) _x 1-x composite nanosheets: The synergistic effect of ultrathin structure and hybridization in the effective elimination of BPA under visible light irradiation. <i>Separation and Purification Technology</i> , 2021 , 282, 120153	8.3	1
44	High-barrier, strong, and antibacterial paper fabricated by coating acetylated cellulose and cinnamaldehyde for food packaging. <i>Cellulose</i> , 2021 , 28, 4371-4384	5.5	8
43	The phase behavior of n-ethylpyridinium tetrafluoroborate and sodium-based salts ATPS and its application in 2-chlorophenol extraction. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 33, 76-82	3.2	21
42	Piezoelectric effect synergistically enhances the performance of Ti ₃₂ -oxo-cluster/BaTiO ₃ /CuS p-n heterojunction photocatalytic degradation of pollutants. <i>Applied Catalysis B: Environmental</i> , 2021 , 291, 120019	21.8	38
41	Concentration-dependent emissive lignin-derived graphene quantum dots for bioimaging and anti-counterfeiting. <i>Diamond and Related Materials</i> , 2021 , 117, 108482	3.5	4
40	Ring Opening of Cyclic Ether for Selective Synthesis of Renewable 1,5-Pentanediol over Pt/WO ₃ @SiO ₂ Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 9372-9381	3.9	10
39	Effects of NaOH-catalyzed organosolv pretreatment and surfactant on the sugar production from sugarcane bagasse. <i>Bioresource Technology</i> , 2020 , 312, 123601	11	18
38	Preparation and interaction mechanism of Nano disperse dye using hydroxypropyl sulfonated lignin. <i>International Journal of Biological Macromolecules</i> , 2020 , 152, 280-287	7.9	12
37	Preparation of self-dispersed lignin-based drug-loaded material and its application in avermectin nano-formulation. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 421-427	7.9	10
36	Enhanced low-temperature sodium storage kinetics in a NaTi ₂ (PO ₄) ₃ @C nanocomposite. <i>Journal of Power Sources</i> , 2020 , 477, 228735	8.9	8
35	Recent Progress in Organic-Inorganic Composite Solid Electrolytes for All-Solid-State Lithium Batteries. <i>Chemistry - A European Journal</i> , 2020 , 26, 1720-1736	4.8	54
34	High value-added monomer chemicals and functional bio-based materials derived from polymeric components of lignocellulose by organosolv fractionation. <i>Biofuels, Bioproducts and Biorefining</i> , 2020 , 14, 371-401	5.3	29
33	Measurement and correlation of liquid-liquid equilibrium data for the ternary systems tetrabutylammonium dicyanamide-1-propanol/2-propanol- water at different temperatures. <i>Fluid Phase Equilibria</i> , 2020 , 508, 112446	2.5	4
32	Recent advances of transition metal based bifunctional electrocatalysts for rechargeable zinc-air batteries. <i>Journal of Power Sources</i> , 2020 , 477, 228696	8.9	21
31	Rational design of vanadium chalcogenides for sodium-ion batteries. <i>Journal of Power Sources</i> , 2020 , 478, 228769	8.9	9
30	A novel quinolinyl-tetraphenylethene-based fluorescence "turn-on" sensor for Zn ²⁺ with a large Stokes shift and its applications for portable test strips and biological imaging. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3338-3348	7.8	10

29	Green Synthesis of Highly Dispersed Ni/SiO ₂ Catalysts Using Natural Biomass of Sesbania Powder. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 17399-17407	3.9	5
28	Lignin-Based Nanoparticles: A Review on Their Preparations and Applications. <i>Polymers</i> , 2020 , 12,	4.5	34
27	Novel carbon and defects co-modified g-CN for highly efficient photocatalytic degradation of bisphenol A under visible light. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121323	12.8	57
26	Rational design of 3D/2D InO nanocube/ZnInS nanosheet heterojunction photocatalyst with large-area "high-speed channels" for photocatalytic oxidation of 2,4-dichlorophenol under visible light. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121098	12.8	64
25	Synthesis and characterization of biomass lignin-based PVA super-absorbent hydrogel. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 538-545	7.9	45
24	Peroxydisulfate activation by positively polarized carbocatalyst for enhanced removal of aqueous organic pollutants. <i>Water Research</i> , 2019 , 166, 115043	12.5	86
23	Hydrothermal conversion of biomass to higher alcohol fuels for compression ignition engine. <i>Energy Procedia</i> , 2019 , 158, 249-253	2.3	4
22	Heteropoly acids enhanced neutral deep eutectic solvent pretreatment for enzymatic hydrolysis and ethanol fermentation of <i>Miscanthus x giganteus</i> under mild conditions. <i>Bioresource Technology</i> , 2019 , 293, 122036	11	29
21	Improved enzymatic hydrolysis of hardwood and cellulase stability by biomass kraft lignin-based polyoxyethylene ether. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 540-546	7.9	8
20	Compressible, Fatigue Resistant, and Pressure-Sensitive Carbon Aerogels Developed with a Facile Method for Sensors and Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 12726-12733	8.3	23
19	Facile fabrication and characterization of highly stretchable lignin-based hydroxyethyl cellulose self-healing hydrogel. <i>Carbohydrate Polymers</i> , 2019 , 223, 115080	10.3	63
18	Facile In Situ Preparation and In Vitro Antibacterial Activity of PDMAEMA-Based Silver-Bearing Copolymer Micelles. <i>Nanoscale Research Letters</i> , 2019 , 14, 256	5	8
17	Towards better UV-blocking and antioxidant performance of varnish via additives based on lignin and its colloids. <i>Holzforschung</i> , 2019 , 73, 485-491	2	13
16	Effect of lignin-based amphiphilic polymers on the cellulase adsorption and enzymatic hydrolysis kinetics of cellulose. <i>Carbohydrate Polymers</i> , 2019 , 207, 52-58	10.3	33
15	Influence of Transition Metal on the Hydrogen Evolution Reaction over Nano-Molybdenum-Carbide Catalyst. <i>Catalysts</i> , 2018 , 8, 294	4	23
14	Tracing cellulase components in hydrolyzate during the enzymatic hydrolysis of corncob residue and its analysis. <i>Bioresource Technology Reports</i> , 2018 , 4, 137-144	4.1	4
13	Preparation of a Low Reducing Effect Sulfonated Alkali Lignin and Application as Dye Dispersant. <i>Polymers</i> , 2018 , 10,	4.5	14
12	Evaluation of the action of Tween 20 non-ionic surfactant during enzymatic hydrolysis of lignocellulose: Pretreatment, hydrolysis conditions and lignin structure. <i>Bioresource Technology</i> , 2018 , 269, 329-338	11	46

11	Influence of the temperature on the (liquid + liquid) phase equilibria of (water + 1-propanol + linalool or geraniol). <i>Journal of Chemical Thermodynamics</i> , 2017 , 109, 109-116	2.9	8
10	A light-colored hydroxypropyl sulfonated alkali lignin for utilization as a dye dispersant. <i>Holzforschung</i> , 2016 , 70, 109-116	2	24
9	Investigation of Adsorption Characteristics of Sodium Lignosulfonate on the Surface of Disperse Dye Using a Quartz Crystal Microbalance with Dissipation. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 12313-12319	3.9	18
8	Structure and Properties of Sodium Lignosulfonate with Different Molecular Weight Used as Dye Dispersant. <i>Journal of Dispersion Science and Technology</i> , 2015 , 36, 532-539	1.5	56
7	Investigation of grafted sulfonated alkali lignin polymer as dispersant in coal-water slurry. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 27, 192-200	6.3	76
6	Hydroxypropyl Sulfonated Lignin as Dye Dispersant: Effect of Average Molecular Weight. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3239-3244	8.3	59
5	Adsorption Characteristics of Naphthalene Sulfonate Formaldehyde Condensate with Different Molecular Weights. <i>Journal of Dispersion Science and Technology</i> , 2013 , 34, 1092-1098	1.5	9
4	Modulation of Brønsted and Lewis Acid Centers for Ni _x Co _{3-4x} O ₄ Spinel Catalysts: Towards Efficient Catalytic Conversion of Lignin. <i>Advanced Functional Materials</i> , 2111615	15.6	12
3	Insights into Gas-Exfoliation and the In-Situ Template Mechanism of Zinc Compound for Lignin-Derived Supercapacitive Porous Carbon. <i>ACS Applied Energy Materials</i> ,	6.1	2
2	Regulating the Electrolyte Solvation Structure Enables Ultralong Lifespan Vanadium-Based Cathodes with Excellent Low-Temperature Performance. <i>Advanced Functional Materials</i> , 2111714	15.6	6
1	Selective Hydrogenation of Naphthalene to Decalin Over Surface-Engineered γ -MoC Based on Synergy between Pd Doping and Mo Vacancy Generation. <i>Advanced Functional Materials</i> , 2112435	15.6	3