

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9304444/ye-fei-li-publications-by-citations.pdf>
Version: 2024-04-09

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.

36 papers	2,190 citations	20 h-index	40 g-index
40 ext. papers	2,818 ext. citations	12.4 avg, IF	5.65 L-index

#	Paper	IF	Citations
36	Oxygen Vacancies Dominated NiS /CoS Interface Porous Nanowires for Portable Zn-Air Batteries Driven Water Splitting Devices. <i>Advanced Materials</i> , 2017 , 29, 1704681	24	400
35	Mechanism and Activity of Water Oxidation on Selected Surfaces of Pure and Fe-Doped NiOx. <i>ACS Catalysis</i> , 2014 , 4, 1148-1153	13.1	323
34	Mechanism and activity of photocatalytic oxygen evolution on titania anatase in aqueous surroundings. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13008-15	16.4	274
33	Particle size, shape and activity for photocatalysis on titania anatase nanoparticles in aqueous surroundings. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15743-52	16.4	237
32	Adsorption and reactions of O ₂ on anatase TiO ₂ . <i>Accounts of Chemical Research</i> , 2014 , 47, 3361-8	24.3	114
31	Theoretical study of interfacial electron transfer from reduced anatase TiO ₂ (101) to adsorbed O ₂ . <i>Journal of the American Chemical Society</i> , 2013 , 135, 9195-9	16.4	81
30	Reaction Network of Layer-to-Tunnel Transition of MnO ₂ . <i>Journal of the American Chemical Society</i> , 2016 , 138, 5371-9	16.4	79
29	Three-phase junction for modulating electron-hole migration in anatase-rutile photocatalysts. <i>Chemical Science</i> , 2015 , 6, 3483-3494	9.4	73
28	Active Site Revealed for Water Oxidation on Electrochemically Induced δ -MnO: Role of Spinel-to-Layer Phase Transition. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1783-1792	16.4	66
27	Accelerated active phase transformation of NiO powered by Pt single atoms for enhanced oxygen evolution reaction. <i>Chemical Science</i> , 2018 , 9, 6803-6812	9.4	65
26	Pathway of Photocatalytic Oxygen Evolution on Aqueous TiO ₂ Anatase and Insights into the Different Activities of Anatase and Rutile. <i>ACS Catalysis</i> , 2016 , 6, 4769-4774	13.1	60
25	Mosaic Texture and Double c-Axis Periodicity of δ -NiOOH: Insights from First-Principles and Genetic Algorithm Calculations. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3981-5	6.4	49
24	Charge-Tuned CO Activation over a δ -Fe ₅ C ₂ Fischer-Tropsch Catalyst. <i>ACS Catalysis</i> , 2018 , 8, 2709-2714	13.1	48
23	In-situ reconstructed Ru atom array on δ -MnO ₂ with enhanced performance for acidic water oxidation. <i>Nature Catalysis</i> , 2021 , 4, 1012-1023	36.5	37
22	Oxygen Evolution Activity on NiOOH Catalysts: Four-Coordinated Ni Cation as the Active Site and the Hydroperoxide Mechanism. <i>ACS Catalysis</i> , 2020 , 10, 2581-2590	13.1	35
21	Recognition of Surface Oxygen Intermediates on NiFe Oxyhydroxide Oxygen-Evolving Catalysts by Homogeneous Oxidation Reactivity. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1493-1502	16.4	32
20	In δ -Ni Sites Boosting Interfacial Charge Transfer in Carbon-Coated Hollow Tubular In ₂ O ₃ /ZnIn ₂ S ₄ Heterostructure Derived from In-MOF for Enhanced Photocatalytic Hydrogen Evolution. <i>ACS Catalysis</i> , 2021 , 11, 6276-6289	13.1	24

19	Deciphering the alternating synergy between interlayer Pt single-atom and NiFe layered double hydroxide for overall water splitting. <i>Energy and Environmental Science</i> ,	35.4	23
18	A high-performance trace level acetone sensor using an indispensable VCT MXene.. <i>RSC Advances</i> , 2020 , 10, 1261-1270	3.7	22
17	First-Principles Simulations for Morphology and Structural Evolutions of Catalysts in Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2019 , 12, 1846-1857	8.3	21
16	Stability and Phase Transition of Cobalt Oxide Phases by Machine Learning Global Potential Energy Surface. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 17539-17547	3.8	19
15	Structure and water oxidation activity of 3d metal oxides. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2016 , 6, 47-64	7.9	17
14	Deciphering and Suppressing Over-Oxidized Nitrogen in Nickel-Catalyzed Urea Electrolysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26656-26662	16.4	17
13	CO ₂ Photoreduction via Quantum Tunneling: Thin TiO ₂ -Coated GaP with Coherent Interface To Achieve Electron Tunneling. <i>ACS Catalysis</i> , 2019 , 9, 5668-5678	13.1	14
12	Robust hollow tubular ZnIn ₂ S ₄ modified with embedded metal-organic-framework-layers: Extraordinarily high photocatalytic hydrogen evolution activity under simulated and real sunlight irradiation. <i>Applied Catalysis B: Environmental</i> , 2021 , 298, 120632	21.8	14
11	Dual reaction channels for photocatalytic oxidation of phenylmethanol on anatase. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 1082-7	3.6	10
10	Jahn-Teller Disproportionation Induced Exfoliation of Unit-Cell Scale γ -MnO. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22659-22666	16.4	9
9	Steering the Glycerol Electro-Reforming Selectivity via Cation-Intermediate Interactions.. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	5
8	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , 2019 , 15, e1900444	11	4
7	First-Principles Prediction of the ZnO Morphology in the Perovskite Solar Cell. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 14164-14172	3.8	2
6	Thermodynamics and Catalytic Activity of Ruthenium Oxides Grown on Ruthenium Metal from a Machine Learning Atomic Simulation. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 17088-17096	3.8	2
5	Deciphering and Suppressing the Over-oxidized Nitrogen in Nickel-catalyzed Urea Electrolysis. <i>Angewandte Chemie</i> ,	3.6	2
4	Structure and Catalysis of NiOOH: Recent Advances on Atomic Simulation. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 27033-27045	3.8	2
3	Jahn-Teller Disproportionation Induced Exfoliation of Unit-Cell Scale γ -MnO ₂ . <i>Angewandte Chemie</i> , 2020 , 132, 22848-22855	3.6	1
2	Innenrücktitelbild: Deciphering and Suppressing Over-Oxidized Nitrogen in Nickel-Catalyzed Urea Electrolysis (Angew. Chem. 51/2021). <i>Angewandte Chemie</i> , 2021 , 133, 27071	3.6	

- 1 Ab Initio Molecular Dynamics in Heterogeneous Catalysis **2021**, 419-437