Turkan Gamze Ulusoy Ghobadi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6065664/publications.pdf

Version: 2024-02-01

28 papers	453 citations	759233 12 h-index	713466 21 g-index
31 all docs	31 docs citations	31 times ranked	598 citing authors

#	Article	IF	Citations
1	Strategies for Plasmonic Hotâ€Electronâ€Driven Photoelectrochemical Water Splitting. ChemPhotoChem, 2018, 2, 161-182.	3.0	51
2	Catalytic Properties of Vanadium Diselenide: A Comprehensive Study on Its Electrocatalytic Performance in Alkaline, Neutral, and Acidic Media. ACS Omega, 2017, 2, 8319-8329.	3.5	40
3	Angstrom Thick ZnO Passivation Layer to Improve the Photoelectrochemical Water Splitting Performance of a TiO2 Nanowire Photoanode: The Role of Deposition Temperature. Scientific Reports, 2018, 8, 16322.	3.3	39
4	Strong Lightâ€“Matter Interactions in Au Plasmonic Nanoantennas Coupled with Prussian Blue Catalyst on BiVO₄ for Photoelectrochemical Water Splitting. ChemSusChem, 2020, 13, 2577-2588.	6.8	34
5	How to Build Prussian Blue Based Water Oxidation Catalytic Assemblies: Common Trends and Strategies. Chemistry - A European Journal, 2021, 27, 3638-3649.	3.3	33
6	A Nobleâ€Metalâ€Free Heterogeneous Photosensitizerâ€Relay Catalyst Triad That Catalyzes Water Oxidation under Visible Light. Angewandte Chemie - International Edition, 2018, 57, 17173-17177.	13.8	32
7	Emerging photoluminescence from defective vanadium diselenide nanosheets. Photonics Research, 2018, 6, 244.	7.0	31
8	A Robust, Preciousâ€Metalâ€Free Dyeâ€Sensitized Photoanode for Water Oxidation: A Nanosecondâ€Long Excitedâ€State Lifetime through a Prussian Blue Analogue. Angewandte Chemie - International Edition, 2020, 59, 4082-4090.	13.8	30
9	Semiconductor Thin Film Based Metasurfaces and Metamaterials for Photovoltaic and Photoelectrochemical Water Splitting Applications. Advanced Optical Materials, 2019, 7, 1900028.	7.3	28
10	Examination of gas and solid products during the preparation of activated carbon using phosphoric acid. Journal of Environmental Management, 2018, 228, 328-335.	7.8	20
11	Improved lithium-ion battery anode performance via multiple element approach. Journal of Alloys and Compounds, 2018, 730, 96-102.	5.5	16
12	Photocatalytic water oxidation with a Prussian blue modified brown TiO₂. Chemical Communications, 2021, 57, 508-511.	4.1	16
13	A Robust, Preciousâ€Metalâ€Free Dyeâ€Sensitized Photoanode for Water Oxidation: A Nanosecondâ€Long Excitedâ€State Lifetime through a Prussian Blue Analogue. Angewandte Chemie, 2020, 132, 4111-4119.	2.0	12
14	Large scale compatible fabrication of gold capped titanium dioxide nanoantennas using a shadowing effect for photoelectrochemical water splitting. International Journal of Hydrogen Energy, 2020, 45, 1521-1531.	7.1	10
15	Building an Iron Chromophore Incorporating Prussian Blue Analogue for Photoelectrochemical Water Oxidation. Chemistry - A European Journal, 2021, 27, 8966-8976.	3.3	9
16	Electrodeposited cobalt hexacyanoferrate electrode as a non-enzymatic glucose sensor under neutral conditions. Analytica Chimica Acta, 2021, 1188, 339188.	5.4	9
17	Pushing the limits in photosensitizer-catalyst interaction via a short cyanide bridge for water oxidation. Cell Reports Physical Science, 2021, 2, 100319.	5.6	7
18	Light-Driven Water Oxidation with Ligand-Engineered Prussian Blue Analogues. Inorganic Chemistry, 2022, 61, 3931-3941.	4.0	7

#	Article	IF	Citations
19	Lithography-free metamaterial absorbers: opinion. Optical Materials Express, 2022, 12, 524.	3.0	6
20	Subwavelength Densely Packed Disordered Semiconductor Metasurface Units for Photoelectrochemical Hydrogen Generation. ACS Applied Energy Materials, 2022, 5, 2826-2837.	5.1	6
21	Strong Lightâ€“Matter Interactions in Au Plasmonic Nanoantennas Coupled with Prussian Blue Catalyst on BiVO 4 for Photoelectrochemical Water Splitting. ChemSusChem, 2020, 13, 2483-2483.	6.8	4
22	Selective Glucose Sensing under Physiological pH with Flexible and Binderâ€Free Prussian Blue Coated Carbon Cloth Electrodes. ChemElectroChem, 2022, 9, .	3.4	4
23	Highly Efficient Semiconductor-Based Metasurface for Photoelectrochemical Water Splitting: Broadband Light Perfect Absorption with Dimensions Smaller than the Diffusion Length. Plasmonics, 2020, 15, 829-839.	3.4	3
24	â€œPlug and Playâ€•Photosensitizerâ€“Catalyst Dyads for Water Oxidation. ACS Applied Materials & Interfaces, 2022, 14, 21131-21140.	8.0	3
25	Investigation of angstrom-thick aluminium oxide passivation layers to improve the gate lag performance of GaN HEMTs. Materials Research Express, 2019, 6, 095052.	1.6	1
26	InnenrÃ¼cktitelbild: A Robust, Preciousâ€Metalâ€Free Dyeâ€Sensitized Photoanode for Water Oxidation: A Nanosecondâ€Long Excitedâ€State Lifetime through a Prussian Blue Analogue (Angew. Chem. 10/2020). Angewandte Chemie, 2020, 132, 4211-4211.	2.0	1
27	Frontispiece: How to Build Prussian Blue Based Water Oxidation Catalytic Assemblies: Common Trends and Strategies. Chemistry - A European Journal, 2021, 27, .	3.3	0
28	Building an Iron Chromophore Incorporating Prussian Blue Analogue for Photoelectrochemical Water Oxidation. Chemistry - A European Journal, 2021, 27, 8890-8890.	3.3	0