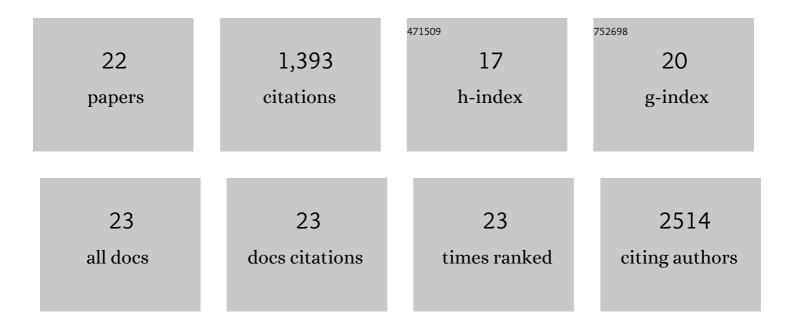
Yichen Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Changes in air quality related to the control of coronavirus in China: Implications for traffic and industrial emissions. Science of the Total Environment, 2020, 731, 139133.	8.0	208
2	Chemical composition and sources of submicron aerosols in winter at a regional site in Beijing-Tianjin-Hebei region: Implications for the Joint Action Plan. Science of the Total Environment, 2020, 719, 137547.	8.0	23
3	Efficient Nitrogen Fixation Catalyzed by Gallium Nitride Nanowire Using Nitrogen and Water. IScience, 2019, 17, 208-216.	4.1	16
4	A GaN:Sn nanoarchitecture integrated on a silicon platform for converting CO ₂ to HCOOH by photoelectrocatalysis. Energy and Environmental Science, 2019, 12, 2842-2848.	30.8	75
5	Increased secondary aerosol contribution and possible processing on polluted winter days in China. Environment International, 2019, 127, 78-84.	10.0	48
6	Solar Water Oxidation by an InGaN Nanowire Photoanode with a Bandgap of 1.7 eV. ACS Energy Letters, 2018, 3, 307-314.	17.4	73
7	Gallium nitride nanowire as a linker of molybdenum sulfides and silicon for photoelectrocatalytic water splitting. Nature Communications, 2018, 9, 3856.	12.8	87
8	Hierarchical InGaN Nanowires for High-Efficiency Solar Water Splitting. Microscopy and Microanalysis, 2018, 24, 1670-1671.	0.4	0
9	Wafer-scale synthesis of monolayer WSe2: A multi-functional photocatalyst for efficient overall pure water splitting. Nano Energy, 2018, 51, 54-60.	16.0	45
10	Nitrogen Photofixation over Illâ€Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. Angewandte Chemie - International Edition, 2017, 56, 8701-8705.	13.8	96
11	Nitrogen Photofixation over Illâ€Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. Angewandte Chemie, 2017, 129, 8827-8831.	2.0	25
12	High efficiency GaN nanowire/Si photocathode for photoelectrochemical water splitting. , 2017, , .		0
13	A Monolithically Integrated Gallium Nitride Nanowire/Silicon Solar Cell Photocathode for Selective Carbon Dioxide Reduction to Methane. Chemistry - A European Journal, 2016, 22, 8809-8813.	3.3	57
14	Simple and Clean Photoinduced Aromatic Trifluoromethylation Reaction. Journal of the American Chemical Society, 2016, 138, 5809-5812.	13.7	271
15	Tunable Syngas Production from CO ₂ and H ₂ O in an Aqueous Photoelectrochemical Cell. Angewandte Chemie, 2016, 128, 14474-14478.	2.0	12
16	Tunable Syngas Production from CO ₂ and H ₂ O in an Aqueous Photoelectrochemical Cell. Angewandte Chemie - International Edition, 2016, 55, 14262-14266.	13.8	105
17	Characterization, mixing state, and evolution of urban single particles in Xi'an (China) during wintertime haze days. Science of the Total Environment, 2016, 573, 937-945.	8.0	37
18	Physicochemical characteristics of black carbon aerosol and its radiative impact in a polluted urban area of China. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,505.	3.3	49

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#	Article	IF	CITATIONS
19	Synthesis of cell-penetrated nitrogen-doped carbon dots by hydrothermal treatment of eggplant sepals. Science China Chemistry, 2016, 59, 836-842.	8.2	17
20	Photoelectrochemical reduction of carbon dioxide using Ge doped GaN nanowire photoanodes. APL Materials, 2015, 3, 116106.	5.1	13
21	Facile Preparation of Porous Carbon Nanosheets without Template and Their Excellent Electrocatalytic Property. ACS Applied Materials & Interfaces, 2013, 5, 11597-11602.	8.0	43
22	Silver nanorods for oxygen reduction: Strong effects of protecting ligand on the electrocatalytic activity. Journal of Power Sources, 2011, 196, 3033-3038.	7.8	93