Andreas Wagner

List of Publications by Year
in descending order

14	877	759233 12	1125743 13
papers	citations	h-index	g-index

14	14	14	1219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elucidating Film Loss and the Role of Hydrogen Bonding of Adsorbed Redox Enzymes by Electrochemical Quartz Crystal Microbalance Analysis. ACS Catalysis, 2022, 12, 1886-1897.	11.2	16
2	Fast CO2 hydration kinetics impair heterogeneous but improve enzymatic CO2 reduction catalysis. Nature Chemistry, 2022, 14, 417-424.	13.6	50
3	Imidazolium-modification enhances photocatalytic CO₂ reduction on ZnSe quantum dots. Chemical Science, 2021, 12, 9078-9087.	7.4	31
4	Mechanistic study of an immobilized molecular electrocatalyst by in situ gap-plasmon-assisted spectro-electrochemistry. Nature Catalysis, 2021, 4, 157-163.	34.4	36
5	Hostâ€"Guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as a Hybrid System in CO₂ Reduction. ACS Catalysis, 2020, 10, 751-761.	11.2	43
6	Towards molecular understanding of local chemical environment effects in electro- and photocatalytic CO2 reduction. Nature Catalysis, 2020, 3, 775-786.	34.4	385
7	A Preciousâ€Metalâ€Free Hybrid Electrolyzer for Alcohol Oxidation Coupled to CO₂â€toâ€Syngas Conversion. Angewandte Chemie - International Edition, 2020, 59, 15633-15641.	13.8	62
8	A Preciousâ€Metalâ€Free Hybrid Electrolyzer for Alcohol Oxidation Coupled to CO 2 â€toâ€Syngas Conversion. Angewandte Chemie, 2020, 132, 15763-15771.	2.0	17
9	A Oneâ€Pot Route to Faceted FePtâ€Fe₃O₄ Dumbbells: Probing Morphologyâ€"Catalytic Activity Effects in O₂ Reduction Catalysis. Advanced Functional Materials, 2020, 30, 2002633.	14.9	18
10	Solar Water Splitting with a Hydrogenase Integrated in Photoelectrochemical Tandem Cells. Angewandte Chemie, 2018, 130, 10755-10759.	2.0	16
11	Solar Water Splitting with a Hydrogenase Integrated in Photoelectrochemical Tandem Cells. Angewandte Chemie - International Edition, 2018, 57, 10595-10599.	13.8	93
12	The potential of ion beams for characterization of metalâ€"organic frameworks. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 327-331.	1.4	3
13	Functionalization of robust Zr(<scp>iv</scp>)-based metalâ€"organic framework films via a postsynthetic ligand exchange. Chemical Communications, 2015, 51, 66-69.	4.1	107
14	Host-guest Chemistry Meets Electrocatalysis: Cucurbit[6]uril on a Au Surface as Hybrid System in CO2 Reduction. , 0, , .		0