Pan Ding

List of Publications by Year
in descending order

15 papers	1,808 citations	623734 14 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2618 citing authors

#	Article	IF	Citations
1	Structural defects on converted bismuth oxide nanotubes enable highly active electrocatalysis of carbon dioxide reduction. Nature Communications, 2019, 10, 2807.	12.8	456
2	Promises of Main Group Metalâ€“Based Nanostructured Materials for Electrochemical CO₂ Reduction to Formate. Advanced Energy Materials, 2020, 10, 1902338.	19.5	384
3	Selective CO₂ Reduction on 2D Mesoporous Bi Nanosheets. Advanced Energy Materials, 2018, 8, 1801536.	19.5	274
4	Conjugated Cobalt Polyphthalocyanine as the Elastic and Reprocessable Catalyst for Flexible Liâ€“CO₂ Batteries. Advanced Materials, 2019, 31, e1805484.	21.0	112
5	Portable and Reliable Surface-Enhanced Raman Scattering Silicon Chip for Signal-On Detection of Trace Trinitrotoluene Explosive in Real Systems. Analytical Chemistry, 2017, 89, 5072-5078.	6.5	108
6	A Grapheneâ€“Silver Nanoparticleâ€“Silicon Sandwich SERS Chip for Quantitative Detection of Molecules and Capture, Discrimination, and Inactivation of Bacteria. Analytical Chemistry, 2018, 90, 5646-5653.	6.5	98
7	Highly reversible Na and K metal anodes enabled by carbon paper protection. Energy Storage Materials, 2018, 15, 8-13.	18.0	85
8	Scalable preparation and stabilization of atomic-thick CoNi layered double hydroxide nanosheets for bifunctional oxygen electrocatalysis and rechargeable zinc-air batteries. Energy Storage Materials, 2019, 16, 24-30.	18.0	52
9	Designing effective Si/Ag interface via controlled chemical etching for photoelectrochemical CO₂ reduction. Journal of Materials Chemistry A, 2018, 6, 21906-21912.	10.3	50
10	Copperâ€Bismuth Bimetallic Microspheres for Selective Electrocatalytic Reduction of CO₂ to Formate. Chinese Journal of Chemistry, 2019, 37, 497-500.	4.9	50
11	Interlayer-expanded MoS2 assemblies for enhanced electrochemical storage of potassium ions. Nano Research, 2020, 13, 225-230.	10.4	47
12	Controlled chemical etching leads to efficient siliconâ€“bismuth interface for photoelectrochemical CO2 reduction to formate. Materials Today Chemistry, 2019, 11, 80-85.	3.5	31
13	Simultaneous power generation and CO₂valorization by aqueous Alâ€“CO₂batteries using nanostructured Bi₂S₃as the cathode electrocatalyst. Journal of Materials Chemistry A, 2020, 8, 12385-12390.	10.3	27
14	In Situ Live-Cell Nucleus Fluorescence Labeling with Bioinspired Fluorescent Probes. Analytical Chemistry, 2017, 89, 7861-7868.	6.5	26
15	Biomimetic preparation of coreâ€shell structured surfaceâ€enhanced Raman scattering substrate with antifouling ability, good stability, and reliable quantitative capability. Electrophoresis, 2019, 40, 2172-2179.	2.4	8