Dongho Lee

List of Publications by Year
in descending order

20 papers	890 citations	932766 10 h-index	1281420 11 g-index
21 all docs	21 docs citations	21 times ranked	1331 citing authors

#	Article	IF	Citations
1	Progress on ternary oxide-based photoanodes for use in photoelectrochemical cells for solar water splitting. Chemical Society Reviews, 2019, 48, 2126-2157.	18.7	296
2	Spectroelectrochemical study of water oxidation on nickel and iron oxyhydroxide electrocatalysts. Nature Communications, 2019, 10, 5208.	5.8	118
3	Methods for Electrochemical Synthesis and Photoelectrochemical Characterization for Photoelectrodes. Chemistry of Materials, 2017, 29, 355-370.	3.2	112
4	The Role of Surface Oxygen Vacancies in BiVO₄. Chemistry of Materials, 2020, 32, 2899-2909.	3.2	108
5	The impact of surface composition on the interfacial energetics and photoelectrochemical properties of BiVO4. Nature Energy, 2021, 6, 287-294.	19.8	108
6	Enabling Solar Water Oxidation by BiVO₄ Photoanodes in Basic Media. Chemistry of Materials, 2018, 30, 4704-4712.	3.2	65
7	Water oxidation kinetics of nanoporous BiVO₄ photoanodes functionalised with nickel/iron oxyhydroxide electrocatalysts. Chemical Science, 2021, 12, 7442-7452.	3.7	32
8	Electrochemical and photoelectrochemical approaches for the selective removal, recovery, and valorization of chloride ions. Chemical Engineering Journal, 2021, 404, 126378.	6.6	20
9	Electrochemical Synthesis of Highly Oriented, Transparent, and Pinhole-Free ZnO and Al-Doped ZnO Films and Their Use in Heterojunction Solar Cells. Langmuir, 2016, 32, 10459-10466.	1.6	19
10	Electrochemical Oxidation of Metalâ€“Catechol Complexes as a New Synthesis Route to the High-Quality Ternary Photoelectrodes: A Case Study of Fe₂TiO₅ Photoanodes. ACS Applied Materials & Interfaces, 2020, 12, 29275-29284.	4.0	11
11	Investigating the Influence of Nanostructuring on Photoanode Performance. , 0, , .		0
12	Spectroelectrochemical Study of the Catalytic Species on the Ni(Fe)OOH and FeOOH Electrocatalysts. , 0, , .		0
13	New Electrochemical Synthesis of Fe2TiO5 Photoanode from Metal-Catechol Complexes. ECS Meeting Abstracts, 2019, , .	0.0	0
14	Using Transient Spectroscopic Techniques to Investigate the Effect of Catalyst Overlayers and Morphology on the Water Oxidation Performance of Bismuth Vanadate. , 0, , .		0
15	Spectroscopic Analysis of NiOx Catalysts for Water Oxidation. , 0, , .		0
16	Using Transient Spectroscopic Techniques to Investigate the Effect of Catalyst Overlayers and Morphology on the Water Oxidation Performance of Bismuth Vanadate. , 0, , .		0
17	Spectroscopic Analysis of NiOx Catalysts for Water Oxidation. , 0, , .		0
18	Electrodeposited Thin Conformal TiO2 Coating Enabling Stable Operation of BiVO4 Photoanodes in Basic Media. ECS Meeting Abstracts, 2018, MA2018-01, 1917-1917.	0.0	0

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19	Spectroelectrochemical Study of the Catalytic Species on the Ni(Fe)OOH and FeOOH Electrocatalysts. , 0, , .		0
20	Investigating the Influence of Nanostructuring on Photoanode Performance. , 0, , .		0