

Dongho Lee

List of Publications by Year in descending order

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Version: 2024-02-01

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