Leila Alibabaei

List of Publications by Year
in descending order

22 papers	1,479 citations	567281 15 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1854 citing authors

#	Article	IF	Citations
1	Dye-Sensitized Nonstoichiometric Strontium Titanate Coreâ€“Shell Photocathodes for Photoelectrosynthesis Applications. ACS Applied Materials & Interfaces, 2021, 13, 15261-15269.	8.0	5
2	Impedance spectroscopy study of SrTiO3 pulse laser deposited photoelectrodes. Thin Solid Films, 2018, 655, 27-33.	1.8	2
3	Light-Driven Water Splitting in the Dye-Sensitized Photoelectrosynthesis Cell. Green Chemistry and Sustainable Technology, 2018, , 229-257.	0.7	6
4	Interfacial electron transfer yields in dye-sensitized NiO photocathodes correlated to excited-state dipole orientation of ruthenium chromophores. Canadian Journal of Chemistry, 2018, 96, 865-874.	1.1	11
5	Pathways Following Electron Injection: Medium Effects and Cross-Surface Electron Transfer in a Ruthenium-Based, Chromophoreâ€“Catalyst Assembly on TiO₂. Journal of Physical Chemistry C, 2018, 122, 13017-13026.	3.1	10
6	Polymer Chromophore-Catalyst Assembly for Solar Fuel Generation. ACS Applied Materials & Interfaces, 2017, 9, 19529-19534.	8.0	31
7	Chromophore-Catalyst Assembly for Water Oxidation Prepared by Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2017, 9, 39018-39026.	8.0	32
8	Enabling Efficient Creation of Long-Lived Charge-Separation on Dye-Sensitized NiO Photocathodes. ACS Applied Materials & Interfaces, 2017, 9, 26786-26796.	8.0	45
9	A Dye-Sensitized Photoelectrochemical Tandem Cell for Light Driven Hydrogen Production from Water. Journal of the American Chemical Society, 2016, 138, 16745-16753.	13.7	100
10	Growth and Post-Deposition Treatments of SrTiO₃ Films for Dye-Sensitized Photoelectrosynthesis Cell Applications. ACS Applied Materials & Interfaces, 2016, 8, 12282-12290.	8.0	12
11	Finding the Way to Solar Fuels with Dye-Sensitized Photoelectrosynthesis Cells. Journal of the American Chemical Society, 2016, 138, 13085-13102.	13.7	317
12	Phosphonate-Derivatized Porphyrins for Photoelectrochemical Applications. ACS Applied Materials & Interfaces, 2016, 8, 3853-3860.	8.0	29
13	Disentangling the Physical Processes Responsible for the Kinetic Complexity in Interfacial Electron Transfer of Excited Ru(II) Polypyridyl Dyes on TiO₂. Journal of the American Chemical Society, 2016, 138, 4426-4438.	13.7	84
14	An aqueous, organic dye derivatized SnO₂/TiO₂ core/shell photoanode. Journal of Materials Chemistry A, 2016, 4, 2969-2975.	10.3	89
15	Electrochemical Instability of Phosphonate-Derivatized, Ruthenium(III) Polypyridyl Complexes on Metal Oxide Surfaces. ACS Applied Materials & Interfaces, 2015, 7, 9554-9562.	8.0	72
16	Visible photoelectrochemical water splitting into H ₂ and O ₂ in a dye-sensitized photoelectrosynthesis cell. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5899-5902.	7.1	136
17	Ultrafast, Light-Induced Electron Transfer in a Perylene Diimide Chromophore-Donor Assembly on TiO₂. Journal of Physical Chemistry Letters, 2015, 6, 4736-4742.	4.6	20
18	Synthesis and photophysical characterization of porphyrin and porphyrinâ€“Ru(ii) polypyridyl chromophoreâ€“catalyst assemblies on mesoporous metal oxides. Chemical Science, 2014, 5, 3115.	7.4	56

#	Article	IF	Citations
19	Atomic Layer Deposition of TiO₂ on Mesoporous nanoITO: Conductive Coreâ€“Shell Photoanodes for Dye-Sensitized Solar Cells. Nano Letters, 2014, 14, 3255-3261.	9.1	71
20	Electrocatalysis on Oxide-Stabilized, High-Surface Area Carbon Electrodes. ACS Catalysis, 2013, 3, 1850-1854.	11.2	14
21	Solar water splitting in a molecular photoelectrochemical cell. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20008-20013.	7.1	203
22	Applications of metal oxide materials in dye sensitized photoelectrosynthesis cells for making solar fuels: let the molecules do the work. Journal of Materials Chemistry A, 2013, 1, 4133.	10.3	115