Citation Report
List of articles citing

Multidisciplinary approaches to solar hydrogen

DOI: 10.1098/rsfs.2014.0091
Interface Focus, 2015, 5, 20140091.

#	Paper	IF	Citations
22	Does the world need a global project on artificial photosynthesis?. *Interface Focus*, **2015**, 5, 20150029	3.9	2
21	A Designed Metalloenzyme Achieving the Catalytic Rate of a Native Enzyme. *Journal of the American Chemical Society*, **2015**, 137, 11570-3	16.4	62
20	Dendritic Tip-on Polytriazine-Based Carbon Nitride Photocatalyst with High Hydrogen Evolution Activity. *Chemistry of Materials*, **2015**, 27, 8237-8247	9.6	108
19	Reengineering cyt b562 for hydrogen production: A facile route to artificial hydrogenases. *Biochimica Et Biophysica Acta - Bioenergetics*, **2016**, 1857, 598-603	4.6	23
18	Semisynthetic and Biomolecular Hydrogen Evolution Catalysts. *Inorganic Chemistry*, **2016**, 55, 467-77	5.1	39
17	Photosensitized H2 generation from "one-pot" and "two-pot" assemblies of a zinc-porphyrin/platinum nanoparticle/protein scaffold. *Dalton Transactions*, **2016**, 45, 630-8	4.3	8
16	Multi-step excitation energy transfer engineered in genetic fusions of natural and synthetic light-harvesting proteins. *Journal of the Royal Society Interface*, **2017**, 14,	4.1	12
15	Photosensitized H Production Using a Zinc Porphyrin-Substituted Protein, Platinum Nanoparticles, and Ascorbate with No Electron Relay: Participation of Good Buffers. *Inorganic Chemistry*, **2017**, 56, 4585-4594	5.1	9
14	Probing the use of long lived intra-ligand excited states for photocatalytic systems: A study of the photophysics and photochemistry of [ReCl(CO)3(dppz-(CH3)2)]. *Polyhedron*, **2017**, 123, 259-264	2.7	5
13	Light-Driven H2 Evolution and C?C or C?O Bond Hydrogenation by Shewanella oneidensis: A Versatile Strategy for Photocatalysis by Nonphotosynthetic Microorganisms. *ACS Catalysis*, **2017**, 7, 7558-7566	13.1	47
12	Applications of Phosphorene and Black Phosphorus in Energy Conversion and Storage Devices. *Advanced Energy Materials*, **2018**, 8, 1702093	21.8	272
11	Hydrogen evolution from water catalyzed by cobalt-mimochrome VI*a, a synthetic mini-protein. *Chemical Science*, **2018**, 9, 8582-8589	9.4	42
10	Engineering Metalloprotein Functions in Designed and Native Scaffolds. *Trends in Biochemical Sciences*, **2019**, 44, 1022-1040	10.3	50
9	Photochemical Hydrogen Evolution from Neutral Water with a Cobalt Metallopeptide Catalyst. *Inorganic Chemistry*, **2019**, 58, 16402-16410	5.1	19
8	Photocatalytic Hydrogen Evolution from Plastoquinol Analogues as a Potential Functional Model of Photosystem I. *Inorganic Chemistry*, **2020**, 59, 14838-14846	5.1	5
7	Heterologous Hydrogenase Overproduction Systems for Biotechnology-An Overview. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
6	Tuning Mechanism through Buffer Dependence of Hydrogen Evolution Catalyzed by a Cobalt Mini-enzyme. *Biochemistry*, **2020**, 59, 1289-1297	3.2	22

5	Light-driven catalysis with engineered enzymes and biomimetic systems. *Biotechnology and Applied Biochemistry*, **2020**, 67, 463-483	2.8	15
4	Light-driven hydrogen production with CdSe quantum dots and a cobalt glutathione catalyst. *Chemical Communications*, **2021**, 57, 2053-2056	5.8	3
3	Photochemical hydrogen evolution from cobalt microperoxidase-11. *Journal of Inorganic Biochemistry*, **2021**, 217, 111384	4.2	2
2	Cobaloxime tethered pyridine-functionalized ethylene-bridged periodic mesoporous organosilica as an efficient HER catalyst. *Sustainable Energy and Fuels*, **2022**, 6, 398-407	5.8	1
1	Bioinspired and biomolecular catalysts for energy conversion and storage.		1