Serena Berardi

List of Publications by Year
in descending order

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22 papers	1,434 citations	567281 15 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2533 citing authors

#	Article	IF	Citations
1	Hematite-based photoelectrochemical interfaces for solar fuel production. Inorganica Chimica Acta, 2022, 535, 120862.	2.4	5
2	Indium-modified copper nanocubes for syngas production by aqueous CO₂ electroreduction. Dalton Transactions, 2022, 51, 10787-10798.	3.3	3
3	Artificial photosynthesis: photoanodes based on polyquinoid dyes onto mesoporous tin oxide surface. Photochemical and Photobiological Sciences, 2021, 20, 1243-1255.	2.9	10
4	Photoelectrochemical Properties of SnO₂ Photoanodes Sensitized by Cationic Perylene-Di-Imide Aggregates for Aqueous HBr Splitting. Journal of Physical Chemistry C, 2020, 124, 1317-1329.	3.1	13
5	Better Together: Ilmenite/Hematite Junctions for Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 47435-47446.	8.0	13
6	Syngas Evolution from CO₂ Electroreduction by Porous Au Nanostructures. ACS Applied Energy Materials, 2020, 3, 4658-4668.	5.1	29
7	Photoanodes for water oxidation with visible light based on a pentacyclic quinoid organic dye enabling proton-coupled electron transfer. Chemical Communications, 2020, 56, 2248-2251.	4.1	19
8	Electronic Properties of Electron-Deficient Zn(II) Porphyrins for HBr Splitting. Applied Sciences (Switzerland), 2019, 9, 2739.	2.5	6
9	Fluorinated Zn^{II} Porphyrins for Dye-Sensitized Aqueous Photoelectrosynthetic Cells. ACS Applied Materials & Interfaces, 2019, 11, 32895-32908.	8.0	19
10	Rational Design Combining Morphology and Charge-Dynamic for Hematite/Nickelâ€“Iron Oxide Thin-Layer Photoanodes: Insights into the Role of the Absorber/Catalyst Junction. ACS Applied Materials & Interfaces, 2019, 11, 48002-48012.	8.0	3
11	Hierarchical organization of perylene bisimides and polyoxometalates for photo-assisted water oxidation. Nature Chemistry, 2019, 11, 146-153.	13.6	132
12	A hybrid molecular photoanode for efficient light-induced water oxidation. Sustainable Energy and Fuels, 2018, 2, 1979-1985.	4.9	20
13	Kinetic Analysis of an Efficient Molecular Light-Driven Water Oxidation System. ACS Catalysis, 2017, 7, 5142-5150.	11.2	35
14	Perylene Diimide Aggregates on Sb-Doped SnO₂: Charge Transfer Dynamics Relevant to Solar Fuel Generation. Journal of Physical Chemistry C, 2017, 121, 17737-17745.	3.1	22
15	Charge injection into nanostructured TiO₂ electrodes from the photogenerated reduced form of a new Ru(<scp>ii</scp>) polypyridine compound: the â€œanti-biomimeticâ€•mechanism at work. Dalton Transactions, 2016, 45, 14109-14123.	3.3	19
16	Porous versus Compact Nanosized Fe(III)-Based Water Oxidation Catalyst for Photoanodes Functionalization. ACS Applied Materials & Interfaces, 2016, 8, 20003-20011.	8.0	15
17	Efficient Lightâ€Driven Water Oxidation Catalysis by Dinuclear Ruthenium Complexes. ChemSusChem, 2015, 8, 3688-3696.	6.8	37
18	Hematite Photoanodes Modified with an Fe^{III} Water Oxidation Catalyst. ChemPhysChem, 2014, 15, 1164-1174.	2.1	26

#	Article	IF	Citations
19	Molecular artificial photosynthesis. Chemical Society Reviews, 2014, 43, 7501-7519.	38.1	769
20	Efficient solar water oxidation using photovoltaic devices functionalized with earth-abundant oxygen evolving catalysts. Physical Chemistry Chemical Physics, 2013, 15, 13083.	2.8	30
21	Light-driven wateroxidation with a molecular tetra-cobalt(iii) cubanecluster. Faraday Discussions, 2012, 155, 177-190.	3.2	110
22	Photoinduced Water Oxidation by a Tetraruthenium Polyoxometalate Catalyst: Ion-pairing and Primary Processes with Ru(bpy)₃²⁺ Photosensitizer. Inorganic Chemistry, 2012, 51, 7324-7331.	4.0	98