Anna Lewandowska-Andralojc

List of Publications by Year
in descending order

29	681	567281 15	580821 25
papers	citations	h-index	g-index

30	30	30	1077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lerfâ€“Klinowski-type models of graphene oxide and reduced graphene oxide are robust in analyzing non-covalent functionalization with porphyrins. Scientific Reports, 2021, 11, 7977.	3.3	25
2	Effect of graphene oxide flakes size and number of layers on photocatalytic hydrogen production. Scientific Reports, 2021, 11, 15969.	3.3	9
3	How Eosin Y/Graphene Oxide-Based Materials Can Improve Efficiency of Light-Driven Hydrogen Generation: Mechanistic Aspects. Journal of Physical Chemistry C, 2020, 124, 2747-2755.	3.1	20
4	Water-Triggered Photoinduced Electron Transfer in Acetonitrileâ€“Water Binary Solvent. Solvent Microstructure-Tuned Reactivity of Hydrophobic Solutes. Journal of Physical Chemistry B, 2020, 124, 5654-5664.	2.6	3
5	Graphene Oxide Functionalized with Cationic Porphyrins as Materials for the Photodegradation of Rhodamine B. Journal of Physical Chemistry C, 2020, 124, 15769-15780.	3.1	29
6	Modification of eosin Y and cobalt molecular catalyst system with reduced graphene oxide for enhanced photocatalytic hydrogen production. Catalysis Science and Technology, 2020, 10, 4693-4702.	4.1	7
7	Interaction of light with a non-covalent zinc porphyrinâ€“graphene oxide nanohybrid. Physical Chemistry Chemical Physics, 2020, 22, 13456-13466.	2.8	19
8	Five Major Sins in Fluorescence Spectroscopy of Light-Harvesting Hybrid Materials. ACS Energy Letters, 2019, 4, 1898-1901.	17.4	21
9	Noncovalent Porphyrinâ€“Graphene Oxide Nanohybrids: The pH-Dependent Behavior. Journal of Physical Chemistry C, 2019, 123, 3368-3380.	3.1	25
10	Cationic Porphyrinâ€Graphene Oxide Hybrid: Donorâ€Acceptor Composite for Efficient Photoinduced Electron Transfer. ChemPhysChem, 2019, 20, 1054-1066.	2.1	19
11	Role of Hydrogen Bonding in Photoinduced Electronâ€“Proton Transfer from Phenols to a Polypyridine Ru Complex with a Proton-Accepting Ligand. Journal of Physical Chemistry Letters, 2017, 8, 4043-4048.	4.6	12
12	Water Oxidation by Ruthenium Complexes Incorporating Multifunctional Bipyridyl Diphosphonate Ligands. Angewandte Chemie - International Edition, 2016, 55, 8067-8071.	13.8	67
13	Water Oxidation by Ruthenium Complexes Incorporating Multifunctional Bipyridyl Diphosphonate Ligands. Angewandte Chemie, 2016, 128, 8199-8203.	2.0	22
14	Striking Differences in Properties of Geometric Isomers of [Ir(tpy)(ppy)H]⁺: Experimental and Computational Studies of their Hydricities, Interaction with CO₂, and Photochemistry. Angewandte Chemie - International Edition, 2015, 54, 14128-14132.	13.8	51
15	Mechanistic Studies of Hydrogen Evolution in Aqueous Solution Catalyzed by a Tertpyridineâ€“Amine Cobalt Complex. Inorganic Chemistry, 2015, 54, 4310-4321.	4.0	64
16	3-Carboxybenzophenone (3-CB) as an efficient sensitizer in the photooxidation of methionyl-leucine in aqueous solutions: Spectral, kinetic and acidâ€“base properties of 3-CB derived transients. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 287, 1-7.	3.9	11
17	Efficient water oxidation with organometallic iridium complexes as precatalysts. Physical Chemistry Chemical Physics, 2014, 16, 11976.	2.8	63
18	Kinetic and Mechanistic Studies of Carbon-to-Metal Hydrogen Atom Transfer Involving Os-Centered Radicals: Evidence for Tunneling. Journal of the American Chemical Society, 2014, 136, 3572-3578.	13.7	25

#	Article	IF	Citations
19	Photoinduced CCâ€coupling Reactions of Rigid Diastereomeric Benzophenoneâ€Methionine Dyads. Photochemistry and Photobiology, 2013, 89, 14-23.	2.5	11
20	Electron Transfer by Excited Benzoquinone Anions: Slow Rates for Two-Electron Transitions. Journal of Physical Chemistry A, 2013, 117, 8360-8367.	2.5	16
21	Enabling light-driven water oxidation via a low-energy RuIVî€O intermediate. Physical Chemistry Chemical Physics, 2013, 15, 14058.	2.8	35
22	Mechanism of the Quenching of the Tris(bipyridine)ruthenium(II) Emission by Persulfate: Implications for Photoinduced Oxidation Reactions. Journal of Physical Chemistry A, 2013, 117, 10311-10319.	2.5	63
23	Unusual photobehavior of benzophenone triplets in hexafluoroisopropanol. Inversion of the triplet character of benzophenone. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 244, 1-8.	3.9	9
24	Intramolecular H-atom transfer reactions in rigid peptides â€" Correlated solvent and structural effects. Canadian Journal of Chemistry, 2011, 89, 266-279.	1.1	4
25	Steric effects on intramolecular reactivity in cyclic dipeptides: Conformational analysis validated by a combined MD/DFT approach. Chemical Physics Letters, 2011, 512, 123-128.	2.6	1
26	Efficient Photochemical Oxidation of Anisole in Protic Solvents: Electron Transfer driven by Specific Solventâ€"Solute Interactions. ChemPhysChem, 2010, 11, 2108-2117.	2.1	13
27	Stereoselectivity of the Hydrogenâ€Atom Transfer in Benzophenoneâ€"Tyrosine Dyads: An Intramolecular Kinetic Solvent Effect. Chemistry - A European Journal, 2009, 15, 3061-3064.	3.3	8
28	Chiral discrimination in the hydrogen-atom transfer between tyrosine and benzophenone in rigid peptides. Chemical Physics Letters, 2009, 473, 348-353.	2.6	6
29	Solvent Effects on the Intramolecular Hydrogen-Atom Transfer between Tyrosine and Benzophenone. Diverting Reaction Mechanisms in Protic and Nonprotic Media. Journal of Physical Chemistry C, 2009, 113, 11695-11703.	3.1	13