

Spencer P Pitre

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,624
citations

535685

17
h-index

889612

19
g-index

23
all docs

23
docs citations

23
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Insights and Kinetic Analysis for the Oxidative Hydroxylation of Arylboronic Acids by Visible Light Photoredox Catalysis: A Metal-Free Alternative. <i>Journal of the American Chemical Society</i> , 2013, 135, 13286-13289.	6.6	241
2	Metal-Free Photocatalytic Radical Trifluoromethylation Utilizing Methylene Blue and Visible Light Irradiation. <i>ACS Catalysis</i> , 2014, 4, 2530-2535.	5.5	207
3	Strategic Use of Visible-Light Photoredox Catalysis in Natural Product Synthesis. <i>Chemical Reviews</i> , 2022, 122, 1717-1751.	23.0	199
4	Understanding the Kinetics and Spectroscopy of Photoredox Catalysis and Transition-Metal-Free Alternatives. <i>Accounts of Chemical Research</i> , 2016, 49, 1320-1330.	7.6	172
5	Forging C(sp ³)–C(sp ³) Bonds with Carbon-Centered Radicals in the Synthesis of Complex Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2800-2813.	6.6	111
6	Titanium dioxide visible light photocatalysis: surface association enables photocatalysis with visible light irradiation. <i>Chemical Communications</i> , 2017, 53, 4335-4338.	2.2	88
7	Visible-Light Actinometry and Intermittent Illumination as Convenient Tools to Study Ru(bpy) ₃ Cl ₂ Mediated Photoredox Transformations. <i>Scientific Reports</i> , 2015, 5, 16397.	1.6	86
8	Library of Cationic Organic Dyes for Visible-Light-Driven Photoredox Transformations. <i>ACS Omega</i> , 2016, 1, 66-76.	1.6	86
9	The photochemical alkylation and reduction of heteroarenes. <i>Chemical Science</i> , 2017, 8, 7412-7418.	3.7	77
10	Tertiary Alcohols as Radical Precursors for the Introduction of Tertiary Substituents into Heteroarenes. <i>ACS Catalysis</i> , 2019, 9, 3413-3418.	5.5	72
11	Photocatalytic Indole Diels–Alder Cycloadditions Mediated by Heterogeneous Platinum-Modified Titanium Dioxide. <i>ACS Catalysis</i> , 2017, 7, 6440-6444.	5.5	50
12	Photocatalytic Dehalogenation of Vicinal Dibromo Compounds Utilizing Sexithiophene and Visible-Light Irradiation. <i>ACS Catalysis</i> , 2014, 4, 4034-4039.	5.5	47
13	Active participation of amine-derived radicals in photoredox catalysis as exemplified by a reductive cyclization. <i>Catalysis Science and Technology</i> , 2013, 3, 935.	2.1	38
14	Heterogeneous Light-Mediated Reductive Dehalogenations and Cyclizations Utilizing Platinum Nanoparticles on Titania (PtNP@TiO ₂). <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2819-2824.	2.1	35
15	Photodynamic performance of zinc phthalocyanine in HeLa cells: A comparison between DPCC liposomes and BSA as delivery systems. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 385-390.	1.7	34
16	Lewis Acid Activation of Fragment-Coupling Reactions of Tertiary Carbon Radicals Promoted by Visible-Light Irradiation of EDA Complexes. <i>Organic Letters</i> , 2021, 23, 1103-1106.	2.4	34
17	Radical Perfluoroalkylation Enabled by a Catalytically Generated Halogen Bonding Complex and Visible Light Irradiation. <i>Organic Letters</i> , 2022, 24, 446-450.	2.4	27
18	Photouncaging of Ceramides Promotes Reorganization of Liquid-Ordered Domains in Supported Lipid Bilayers. <i>Langmuir</i> , 2013, 29, 3380-3387.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Structure-Effect Binding Effects: Comparative Binding of 2-Anilino-6-naphthalenesulfonate by a Series of Alkyl- and Hydroxyalkyl-Substituted β -Cyclodextrins. Journal of Physical Chemistry B, 2015, 119, 12921-12930.	1.2	8
20	Radical coupling decreases synthetic burden. Science, 2022, 375, 1234-1234.	6.0	0