

Spencer P Pitre

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,624
citations

471509

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h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic Use of Visible-Light Photoredox Catalysis in Natural Product Synthesis. <i>Chemical Reviews</i> , 2022, 122, 1717-1751.	47.7	199
2	Radical coupling decreases synthetic burden. <i>Science</i> , 2022, 375, 1234-1234.	12.6	0
3	Radical Perfluoroalkylation Enabled by a Catalytically Generated Halogen Bonding Complex and Visible Light Irradiation. <i>Organic Letters</i> , 2022, 24, 446-450.	4.6	27
4	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.	4.6	34
5	Tertiary Alcohols as Radical Precursors for the Introduction of Tertiary Substituents into Heteroarenes. <i>ACS Catalysis</i> , 2019, 9, 3413-3418.	11.2	72
6	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.	13.7	111
7	Titanium dioxide visible light photocatalysis: surface association enables photocatalysis with visible light irradiation. <i>Chemical Communications</i> , 2017, 53, 4335-4338.	4.1	88
8	The photochemical alkylation and reduction of heteroarenes. <i>Chemical Science</i> , 2017, 8, 7412-7418.	7.4	77
9	Photocatalytic Indole Diels-Alder Cycloadditions Mediated by Heterogeneous Platinum-Modified Titanium Dioxide. <i>ACS Catalysis</i> , 2017, 7, 6440-6444.	11.2	50
10	Library of Cationic Organic Dyes for Visible-Light-Driven Photoredox Transformations. <i>ACS Omega</i> , 2016, 1, 66-76.	3.5	86
11	Understanding the Kinetics and Spectroscopy of Photoredox Catalysis and Transition-Metal-Free Alternatives. <i>Accounts of Chemical Research</i> , 2016, 49, 1320-1330.	15.6	172
12	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.	3.8	34
13	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.	3.3	86
14	Structure-Binding Effects: Comparative Binding of 2-Anilino-6-naphthalenesulfonate by a Series of Alkyl- and Hydroxyalkyl-Substituted β -Cyclodextrins. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12921-12930.	2.6	8
15	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.	4.3	35
16	Photocatalytic Dehalogenation of Vicinal Dibromo Compounds Utilizing Sexithiophene and Visible-Light Irradiation. <i>ACS Catalysis</i> , 2014, 4, 4034-4039.	11.2	47
17	Metal-Free Photocatalytic Radical Trifluoromethylation Utilizing Methylene Blue and Visible Light Irradiation. <i>ACS Catalysis</i> , 2014, 4, 2530-2535.	11.2	207
18	Photouncaging of Ceramides Promotes Reorganization of Liquid-Ordered Domains in Supported Lipid Bilayers. <i>Langmuir</i> , 2013, 29, 3380-3387.	3.5	11

#	ARTICLE	IF	CITATIONS
19	Active participation of amine-derived radicals in photoredox catalysis as exemplified by a reductive cyclization. <i>Catalysis Science and Technology</i> , 2013, 3, 935.	4.1	38
20	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.	13.7	241