

# Luciana C Schmidt

## List of Publications by Year in descending order

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22  
papers

2,364  
citations

567281

15  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

4718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontemplate Synthesis of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> Perovskite Nanoparticles. <i>Journal of the American Chemical Society</i> , 2014, 136, 850-853.	13.7	1,128
2	Visible-light-driven methane formation from CO <sub>2</sub> with a molecular iron catalyst. <i>Nature</i> , 2017, 548, 74-77.	27.8	730
3	Photoluminescence Enhancement of CdSe Quantum Dots: A Case of Organogel "Nanoparticle Symbiosis". <i>Journal of the American Chemical Society</i> , 2012, 134, 20554-20563.	13.7	65
4	"One-Pot" Two-Step Synthesis of Aryl Sulfur Compounds by Photoinduced Reactions of Thiourea Anion with Aryl Halides. <i>Organic Letters</i> , 2003, 5, 4133-4136.	4.6	59
5	Riboflavin as Photoredox Catalyst in the Cyclization of Thiobenzanilides: Synthesis of 2-Substituted Benzothiazoles. <i>Organic Letters</i> , 2020, 22, 610-614.	4.6	54
6	Metal- and photocatalyst-free synthesis of 3-selenylindoles and asymmetric diarylselenides promoted by visible light. <i>RSC Advances</i> , 2019, 9, 22685-22694.	3.6	46
7	Photooxidation of 9-Anthraldehyde Catalyzed by Gold Nanoparticles: Solution and Single Nanoparticle Studies Using Fluorescence Lifetime Imaging. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24373-24379.	3.1	42
8	Mild synthesis of mesoporous silica supported ruthenium nanoparticles as heterogeneous catalysts in oxidative Wittig coupling reactions. <i>Catalysis Science and Technology</i> , 2014, 4, 435-440.	4.1	42
9	Nature of the Chain Propagation in the Photostimulated Reaction of 1-Bromonaphthalene with Sulfur-Centered Nucleophiles. <i>Journal of Organic Chemistry</i> , 2007, 72, 2936-2944.	3.2	29
10	The synergy between the CsPbBr <sub>3</sub> nanoparticle surface and the organic ligand becomes manifest in a demanding carbon-carbon coupling reaction. <i>Chemical Communications</i> , 2020, 56, 5026-5029.	4.1	28
11	Photoinduced Nucleophilic Substitution of Aryl Halides with Potassium Thioacetate "A One-Pot Approach to Aryl Methyl and Diaryl Sulfides. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2210-2214.	2.4	25
12	A straightforward and sustainable synthesis of 1,4-disubstituted 1,2,3-triazoles via visible-light-promoted copper-catalyzed azide-alkyne cycloaddition (CuAAC). <i>RSC Advances</i> , 2017, 7, 33967-33973.	3.6	22
13	A Green Alternative for the Conversion of Arylboronic Acids/Esters into Phenols Promoted by a Reducing Agent, Sodium Sulfite. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3035-3039.	2.4	21
14	Colloids of Naked CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> Perovskite Nanoparticles: Synthesis, Stability, and Thin Solid Film Deposition. <i>ACS Omega</i> , 2018, 3, 1298-1303.	3.5	19
15	Light-responsive hybrid material based on luminescent core-shell quantum dots and steroidal organogel. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7035-7042.	5.5	15
16	Highly Water-Stable Polymer-Perovskite Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59252-59262.	8.0	11
17	Mechanistic Insight into the Light-Triggered CuAAC Reaction: Does Any of the Photocatalyst Go?. <i>Journal of Organic Chemistry</i> , 2021, 86, 5832-5844.	3.2	10
18	Reactivity of sulfur centered nucleophiles in photoinduced reactions with 1-bromonaphthalene. <i>Arkivoc</i> , 2003, 2003, 411-419.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Photochemical Csp <sup>2</sup> â€“H bond thiocyanation and selenocyanation of activated arenes, batch and continuous-flow approaches. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 849-861.	2.9	8
20	Unexpected formation of 4,4-dimethyl-1,2-disubstituted-dicarbonyl cyclopentanes from ketone enolate anions and 1,3-diiodo-2,2-dimethylpropane. <i>New Journal of Chemistry</i> , 2016, 40, 4550-4555.	2.8	1
21	â€œOne-Potâ€•Two-Step Synthesis of Aryl Sulfur Compounds by Photoinduced Reactions of Thiourea Anion with Aryl Halides.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
22	Thioglucopyranose Ligands Promote Phaseâ€•Transfer of Cadmium Selenide Quantum Dots from Organic Solvents to Water. <i>ChemistrySelect</i> , 2020, 5, 14783-14787.	1.5	0