

Karolina Strakova

List of Publications by Year in descending order

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989
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanosensitive Fluorescent Probes to Image Membrane Tension in Mitochondria, Endoplasmic Reticulum, and Lysosomes. <i>Journal of the American Chemical Society</i> , 2019, 141, 3380-3384.	13.7	167
2	Dithienothiophenes at Work: Access to Mechanosensitive Fluorescent Probes, Chalcogen-Bonding Catalysis, and Beyond. <i>Chemical Reviews</i> , 2019, 119, 10977-11005.	47.7	132
3	Eosin ^Y (EY) Photoredox-Catalyzed Sulfonylation of Alkenes: Scope and Mechanism. <i>Chemistry - A European Journal</i> , 2016, 22, 8694-8699.	3.3	126
4	Tailoring flavins for visible light photocatalysis: organocatalytic [2+2] cycloadditions mediated by a flavin derivative and visible light. <i>Chemical Communications</i> , 2015, 51, 12036-12039.	4.1	91
5	Fluorescent Membrane Tension Probes for Super-Resolution Microscopy: Combining Mechanosensitive Cascade Switching with Dynamic-Covalent Ketone Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 12034-12038.	13.7	53
6	A Chalcogen-Bonding Cascade Switch for Planarizable Push-Pull Probes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15752-15756.	13.8	50
7	HaloFlippers: A General Tool for the Fluorescence Imaging of Precisely Localized Membrane Tension Changes in Living Cells. <i>ACS Central Science</i> , 2020, 6, 1376-1385.	11.3	44
8	Flavin-Mediated Visible-Light [2+2] Photocycloaddition of Nitrogen- and Sulfur-Containing Dienes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2139-2146.	2.4	28
9	Flavin Photocatalysts for Visible-Light [2+2] Cycloadditions: Structure, Reactivity and Reaction Mechanism. <i>ChemCatChem</i> , 2018, 10, 849-858.	3.7	23
10	Twisting and tilting of a mechanosensitive molecular probe detects order in membranes. <i>Chemical Science</i> , 2020, 11, 5637-5649.	7.4	21
11	Streptavidin interfacing as a general strategy to localize fluorescent membrane tension probes in cells. <i>Chemical Science</i> , 2019, 10, 310-319.	7.4	20
12	A Chalcogen-Bonding Cascade Switch for Planarizable Push-Pull Probes. <i>Angewandte Chemie</i> , 2019, 131, 15899-15903.	2.0	19
13	Genetically Encoded Supramolecular Targeting of Fluorescent Membrane Tension Probes within Live Cells: Precisely Localized Controlled Release by External Chemical Stimulation. <i>JACS Au</i> , 2021, 1, 221-232.	7.9	19
14	Mechanosensitive Fluorescent Probes, Changing Color Like Lobsters during Cooking: Cascade Switching Variations. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1401-1411.	3.2	16
15	Ganglioside-Selective Mechanosensitive Fluorescent Membrane Probes. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800019.	1.6	15
16	Fluorescent Flipper Probes: Comprehensive Twist Coverage. <i>Chemistry - A European Journal</i> , 2019, 25, 14935-14942.	3.3	14
17	Flipper Probes for the Community. <i>Chimia</i> , 2021, 75, 1004.	0.6	9