

Alexis T Goulet-Hanssens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7842594/publications.pdf>

Version: 2024-02-01

18
papers

1,056
citations

687363

13
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	Enlightening Materials with Photoswitches. <i>Advanced Materials</i> , 2020, 32, e1905966.	21.0	311
2	Photocontrol of biological systems with azobenzene polymers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3058-3070.	2.3	109
3	Electrocatalytic <i>Z</i> \rightarrow <i>E</i> Isomerization of Azobenzenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 335-341.	13.7	108
4	Structural Effects in Visible-Light-Responsive Metal-Organic Frameworks Incorporating <i>ortho</i> -Fluoroazobenzenes. <i>Chemistry - A European Journal</i> , 2016, 22, 746-752.	3.3	90
5	Supramolecular hierarchy among halogen and hydrogen bond donors in light-induced surface patterning. <i>Journal of Materials Chemistry C</i> , 2015, 3, 759-768.	5.5	87
6	Modulating Guest Uptake in Core-Shell MOFs with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12862-12867.	13.8	81
7	Are Two Azo Groups Better than One? Investigating the Photoresponse of Polymer-Bisazobenzene Complexes. <i>Chemistry of Materials</i> , 2014, 26, 5089-5096.	6.7	57
8	Hole Catalysis as a General Mechanism for Efficient and Wavelength-Independent <i>Z</i> \rightarrow <i>E</i> Azobenzene Isomerization. <i>CheM</i> , 2018, 4, 1740-1755.	11.7	57
9	Photoreversible Surfaces to Regulate Cell Adhesion. <i>Biomacromolecules</i> , 2012, 13, 2958-2963.	5.4	50
10	Effect of head group size on the photoswitching applications of azobenzene Disperse Red 1 analogues. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7505-7512.	5.5	32
11	Rapid Mechanically Controlled Rewiring of Neuronal Circuits. <i>Journal of Neuroscience</i> , 2016, 36, 979-987.	3.6	30
12	Photo-tuning of highly selective wetting in inverse opals. <i>Soft Matter</i> , 2014, 10, 1325-1328.	2.7	20
13	Modulierung der Gastaufnahme in Core-Shell-MOFs mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2019, 131, 12994-12999.	2.0	17
14	Modular assembly of azo photo-switches using click chemistry allows for predictable photo-behaviour. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 294, 62-67.	3.9	3
15	Reversing adhesion with light: a general method for functionalized bead release from cells. <i>Biomaterials Science</i> , 2016, 4, 1193-1196.	5.4	3
16	Wetting in color: from photonic fingerprinting of liquids to optical control of liquid percolation. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
17	Have a Plan [®] And Don [™] t Be Afraid to Leave It Behind. <i>CheM</i> , 2018, 4, 1479-1480.	11.7	0
18	Frontispiece: Modulating Guest Uptake in Core-Shell MOFs with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	13.8	0