

Catherine L Lyall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4873408/publications.pdf>

Version: 2024-02-01

12
papers

272
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Azulene-Derived Fluorescent Probe for Bioimaging: Detection of Reactive Oxygen and Nitrogen Species by Two-Photon Microscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 19389-19396.	13.7	125
2	A Colorimetric Chemosensor Based on a Nozoe Azulene That Detects Fluoride in Aqueous/Alcoholic Media. <i>Frontiers in Chemistry</i> , 2020, 8, 10.	3.6	28
3	Online tracing of molecular weight evolution during radical polymerization <i>via</i> high-resolution FlowNMR spectroscopy. <i>Polymer Chemistry</i> , 2020, 11, 3546-3550.	3.9	25
4	Insight into catalyst speciation and hydrogen co-evolution during enantioselective formic acid-driven transfer hydrogenation with bifunctional ruthenium complexes from multi-technique <i>operando</i> reaction monitoring. <i>Faraday Discussions</i> , 2019, 220, 45-57.	3.2	19
5	Azulenenes with aryl substituents bearing pentafluorosulfanyl groups: synthesis, spectroscopic and halochromic properties. <i>New Journal of Chemistry</i> , 2019, 43, 992-1000.	2.8	15
6	Engineering aspects of FlowNMR spectroscopy setups for online analysis of solution-phase processes. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1548-1573.	3.7	15
7	Direct core functionalisation of naphthalenediimides by iridium catalysed C-H borylation. <i>Chemical Communications</i> , 2014, 50, 13837-13840.	4.1	13
8	Multi-nuclear, high-pressure, <i>operando</i> FlowNMR spectroscopic study of Rh/PPH ₃ catalysed hydroformylation of 1-hexene. <i>Faraday Discussions</i> , 2021, 229, 422-442.	3.2	13
9	Aliphatic C-H activation with aluminium trichloride/acetyl chloride: expanding the scope of the Baddeley reaction for the functionalisation of saturated hydrocarbons. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1468-1475.	2.8	8
10	C-H Functionalization of sp ³ Centers with Aluminum: A Computational and Mechanistic Study of the Baddeley Reaction of Decalin. <i>Journal of the American Chemical Society</i> , 2014, 136, 13745-13753.	13.7	5
11	Triazacyclohexane chromium triflate complexes as precursors for the catalytic selective olefin trimerisation and its investigation by mass spectrometry. <i>Polyhedron</i> , 2020, 185, 114572.	2.2	3
12	Convenient and accurate insight into solution-phase equilibria from FlowNMR titrations. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 2009-2024.	3.7	3