Lucas Caire da Silva

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9580569/publications.pdf

Version: 2024-02-01

29	900	623734	526287
papers	citations	14 h-index	27 g-index

33	33	33	947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Asymmetric Covalent Triazine Framework for Enhanced Visibleâ€Light Photoredox Catalysis via Energy Transfer Cascade. Angewandte Chemie - International Edition, 2018, 57, 8316-8320.	13.8	169
2	Functional Conjugated Polymers for CO₂ Reduction Using Visible Light. Chemistry - A European Journal, 2018, 24, 17454-17458.	3.3	112
3	Acyclic diene metathesis polymerization: History, methods and applications. Progress in Polymer Science, 2017, 69, 79-107.	24.7	86
4	Synthetic Cells: From Simple Bioâ€Inspired Modules to Sophisticated Integrated Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	72
5	Monitoring crack appearance and healing in coatings with damage self-reporting nanocapsules. Materials Horizons, 2018, 5, 51-58.	12.2	64
6	Designing conjugated microporous polymers for visible light-promoted photocatalytic carbonâ€“carbon double bond cleavage in aqueous medium. Journal of Materials Chemistry A, 2018, 6, 22145-22151.	10.3	54
7	A review of how to do an acyclic diene metathesis reaction. Polymer International, 2017, 66, 7-12.	3.1	40
8	Conjugated Microporous Polymers with Immobilized TiO₂ Nanoparticles for Enhanced Visible Light Photocatalysis. Particle and Particle Systems Characterization, 2018, 35, 1700234.	2.3	38
9	Polymerâ€Based Module for NAD⁺ Regeneration with Visible Light. ChemBioChem, 2019, 20, 2593-2596.	2.6	36
10	Artificial Organelles for Energy Regeneration. Advanced Biology, 2019, 3, e1800323.	3.0	31
11	Directed Growth of Biomimetic Microcompartments. Advanced Biology, 2019, 3, e1800314.	3.0	25
12	Synthetic Silica Nanoâ€Organelles for Regulation of Cascade Reactions in Multiâ€Compartmentalized Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
13	Acyclic diene metathesis polymerization and precision polymers. Applied Petrochemical Research, 2014, 4, 225-233.	1.3	21
14	Unveiling the hyperbolic thermal behaviour of poly(p-phenylene alkylene)s. Polymer Chemistry, 2015, 6, 6073-6082.	3.9	18
15	Synthetic Cells: From Simple Bioâ€Inspired Modules to Sophisticated Integrated Systems. Angewandte Chemie, 2022, 134, .	2.0	15
16	Lightâ€Activated Membrane Transport in Polymeric Cellâ€Mimics. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
17	Formation of giant polymer vesicles by simple double emulsification using block copolymers as the sole surfactant. Soft Matter, 2021, 17, 4942-4948.	2.7	13
18	Selfâ€Assembly of Giant Polymer Vesicles by Lightâ€Assisted Solid Hydration. Macromolecular Rapid Communications, 2019, 40, 1900027.	3.9	11

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19	Hb S-SÃ£o Paulo: A new sickling hemoglobin with stable polymers and decreased oxygen affinity. Archives of Biochemistry and Biophysics, 2012, 519, 23-31.	3.0	10
20	Synthesis and Thermal Characterization of Precision Poly(pâ€cyclohexylene alkylene)s via Acyclic Diene Metathesis Polycondensation. Macromolecular Chemistry and Physics, 2016, 217, 850-855.	2.2	8
21	Synthetic Silica Nanoâ€Organelles for Regulation of Cascade Reactions in Multiâ€Compartmentalized Systems. Angewandte Chemie, 2022, 134, .	2.0	8
22	Large-Scale Preparation of Long-Chain ADMET Synthons. Synthetic Communications, 2014, 44, 2409-2415.	2.1	6
23	Molecular Motion of the Junction Points in Model Networks Prepared by Acyclic Triene Metathesis. Macromolecular Rapid Communications, 2016, 37, 527-531.	3.9	6
24	A Reversible Proton Generator with On/Off Thermoswitch. Macromolecular Rapid Communications, 2019, 40, 1800713.	3.9	6
25	Branch-Induced Heterogeneous Chain Motion in Precision Polyolefins. Macromolecules, 2015, 48, 8858-8866.	4.8	5
26	Bursting and Reassembly of Giant Double Emulsion Drops Form Polymer Vesicles. ACS Macro Letters, 2021, 10, 401-405.	4.8	4
27	Lightâ€Activated Membrane Transport in Polymeric Cellâ€Mimics. Angewandte Chemie, 0, , .	2.0	1
28	Cover Image, Volume 66, Issue 1. Polymer International, 2017, 66, i-i.	3.1	0
29	Metathesis Polymerization Including ADMET. , 2014, , 1-6.		0