Paul J Bracher

List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	1,147 citations	623734 14 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	1974 citing authors

#	Article	IF	Citations
1	Dependence of Effective Molarity on Linker Length for an Intramolecular Proteinâ^'Ligand System. Journal of the American Chemical Society, 2007, 129, 1312-1320.	13.7	275
2	The Drive to Life on Wet and Icy Worlds. Astrobiology, 2014, 14, 308-343.	3.0	232
3	The Relative Rates of Thiolâ€"Thioester Exchange and Hydrolysis for Alkyl and Aryl Thioalkanoates in Water. Origins of Life and Evolution of Biospheres, 2011, 41, 399-412.	1.9	135
4	[60]Fullerene-Stoppered Porphyrinorotaxanes:Â Pronounced Elongation of Charge-Separated-State Lifetimes. Journal of the American Chemical Society, 2004, 126, 9156-9157.	13.7	90
5	Prebiotic condensation through wetâ€"dry cycling regulated by deliquescence. Nature Communications, 2019, 10, 4508.	12.8	77
6	Heterogeneous Films of Ionotropic Hydrogels Fabricated from Delivery Templates of Patterned Paper. ACS Applied Materials & Interfaces, 2009, 1, 1807-1812.	8.0	43
7	Patterning precipitates of reactions in paper. Journal of Materials Chemistry, 2010, 20, 5117.	6.7	41
8	Shaped Films of Ionotropic Hydrogels Fabricated Using Templates of Patterned Paper. Advanced Materials, 2009, 21, 445-450.	21.0	34
9	Fabrication and Manipulation of Ionotropic Hydrogels Cross-Linked by Paramagnetic Ions. Chemistry of Materials, 2007, 19, 1362-1368.	6.7	29
10	Electron Transfer in Functionalized Fullerenes. Developments in Fullerence Science, 2002, , 163-212.	0.5	28
11	Synthesis and Photophysics of a Copper-Porphyrinâ^'Styreneâ^'C60Hybridâ€. Journal of Physical Chemistry A, 2003, 107, 3215-3221.	2.5	27
12	Patterned paper as a template for the delivery of reactants in the fabrication of planar materials. Soft Matter, 2010, 6, 4303.	2.7	27
13	Electrically Addressable Parallel Nanowires with 30 nm Spacing from Micromolding and Nanoskiving. Nano Letters, 2008, 8, 4568-4573.	9.1	21
14	Primordial soup that cooks itself. Nature Chemistry, 2015, 7, 273-274.	13.6	16
15	The opposite effect of K+ and Na+ on the hydrolysis of linear and cyclic dipeptides. Tetrahedron Letters, 2018, 59, 2264-2267.	1.4	15
16	Design of Hydrolytically Degradable Polyethylene Glycol Crosslinkers for Facile Control of Hydrogel Degradation. Macromolecular Bioscience, 2020, 20, 2000085.	4.1	14
17	The Prebiotic Provenance of Semi-Aqueous Solvents. Origins of Life and Evolution of Biospheres, 2020, 50, 1-14.	1.9	11
18	Quantitative Analysis of Glycine Oligomerization by Ion-Pair Chromatography. ACS Omega, 2019, 4, 12745-12752.	3.5	9

#	Article	IF	Citations
19	Chemists: Public Outreach Is an Essential Investment of Time, Not a Waste of It. ACS Symposium Series, 2014, , 37-50.	0.5	6
20	The Solar Army: A Case Study in Outreach Based on Solar Photoelectrochemistry. Reviews in Advanced Sciences and Engineering, 2014, 3, 288-303.	0.6	6
21	Benchtop NMR Spectroscopy of Prebiotically-Relevant Peptide Reactions Enabled by Salt-Induced Chemical Shift Dispersion. ACS Earth and Space Chemistry, 2020, 4, 499-505.	2.7	4
22	Removal of Paramagnetic Ions Prior to Analysis of Organic Reactions in Aqueous Solutions by NMR Spectroscopy. ACS Omega, 2021, 6, 14727-14733.	3.5	4
23	Thermodynamic Analysis to Assist in the Design of Recombinant Antibodies. Critical Reviews in Immunology, 2012, 32, 503-527.	0.5	3
24	YouTube or You Lose: Grand Challenges Canada Explores Whether Scientists Are Ready for Web-Based Grant Competitions. ACS Chemical Biology, 2011, 6, 771-774.	3.4	0
25	Solar fuels. , 2013, , .		0