

Kerstin Zawatzky

List of Publications by Year in descending order

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18
papers

722
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759233

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794594

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all docs

19
docs citations

19
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Mass Spectrometric and Kinetic Investigations of Soai's Asymmetric Autocatalysis. Chemistry - A European Journal, 2020, 26, 15871-15880.	3.3	36
2	Development of an automated kinetic profiling system with online HPLC for reaction optimization. Reaction Chemistry and Engineering, 2019, 4, 1555-1558.	3.7	29
3	Mapping the dark space of chemical reactions with extended nanomole synthesis and MALDI-TOF MS. Science, 2018, 361, .	12.6	126
4	Unusual reversal of enantioselectivity in the asymmetric autocatalysis of pyrimidyl alkanol triggered by chiral aromatic alkanols and amines. Organic and Biomolecular Chemistry, 2017, 15, 555-558.	2.8	18
5	Overcoming "speed limits" in high throughput chromatographic analysis. Journal of Chromatography A, 2017, 1499, 211-216.	3.7	41
6	Facile kinetic profiling of chemical reactions using MISER chromatographic analysis. Tetrahedron, 2017, 73, 5048-5053.	1.9	16
7	Current challenges and future prospects in chromatographic method development for pharmaceutical research. TrAC - Trends in Analytical Chemistry, 2017, 95, 36-46.	11.4	98
8	Ultrafast chiral separations for high throughput enantiopurity analysis. Chemical Communications, 2017, 53, 509-512.	4.1	117
9	Can the analyte-triggered asymmetric autocatalytic Soai reaction serve as a universal analytical tool for measuring enantiopurity and assigning absolute configuration?. Organic and Biomolecular Chemistry, 2017, 15, 96-101.	2.8	11
10	Toward structure-based predictive tools for the selection of chiral stationary phases for the chromatographic separation of enantiomers. Journal of Chromatography A, 2016, 1467, 206-213.	3.7	29
11	Using chromatogram averaging to improve quantitation of minor impurities. Journal of Chromatography A, 2016, 1465, 205-210.	3.7	5
12	Visualizing small differences using subtractive chromatographic analysis. Journal of Chromatography A, 2016, 1468, 245-249.	3.7	3
13	Synthesis of Cryptochiral (<i>R,R</i>)-2,3-Dideuterooxirane as Stereochemical Reference Compound and Chemical Correlation with D(+)-Glyceraldehyde. Israel Journal of Chemistry, 2016, 56, 1082-1090.	2.3	3
14	Are fluorine-rich pharmaceuticals lost by partition into fluorous phases?. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 106-110.	2.8	2
15	MISER chiral supercritical fluid chromatography for high throughput analysis of enantiopurity. Journal of Chromatography A, 2016, 1429, 374-379.	3.7	46
16	Absolute configuration assignment of a chiral molecule in the gas phase using foil-induced Coulomb explosion imaging. Physical Review A, 2014, 90, .	2.5	6
17	Coulomb Explosion Imaged Cryptochiral (<i>R,R</i>)-2,3-Dideuterooxirane: Unambiguous Access to the Absolute Configuration of (+)-Glyceraldehyde. Chemistry - A European Journal, 2014, 20, 5555-5558.	3.3	17
18	Imaging the Absolute Configuration of a Chiral Epoxide in the Gas Phase. Science, 2013, 342, 1084-1086.	12.6	118