Martin C Feiters

List of Publications by Year
in descending order

39	1,673	304743	315739
papers	citations	22 h-index	38 g-index

41	41	41	1738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Halogens in Seaweeds: Biological and Environmental Significance. Phycology, 2022, 2, 132-171.	3.6	12
2	Cationic Geminoid Peptide Amphiphiles Inhibit DENV2 Protease, Furin, and Viral Replication. Molecules, 2022, 27, 3217.	3.8	1
3	Analysis of Complex Mixtures by Chemosensing NMR Using para-Hydrogen-Induced Hyperpolarization. Accounts of Chemical Research, 2022, 55, 1832-1844.	15.6	12
4	Parahydrogen Hyperpolarization Allows Direct NMR Detection of Î±â€Amino Acids in Complex (Bio)mixtures. Angewandte Chemie - International Edition, 2021, 60, 26954-26959.	13.8	25
5	Monitoring Heterogeneously Catalyzed Hydrogenation Reactions at Elevated Pressures Using In-Line Flow NMR. Analytical Chemistry, 2019, 91, 12636-12643.	6.5	11
6	Parahydrogen induced hyperpolarization provides a tool for NMR metabolomics at nanomolar concentrations. Chemical Communications, 2019, 55, 7235-7238.	4.1	40
7	Emission of volatile halogenated compounds, speciation and localization of bromine and iodine in the brown algal genome model Ectocarpus siliculosus. Journal of Biological Inorganic Chemistry, 2018, 23, 1119-1128.	2.6	24
8	Trace analysis in waterâ€alcohol mixtures by continuous pâ€H₂ hyperpolarization at high magnetic field. Magnetic Resonance in Chemistry, 2018, 56, 633-640.	1.9	25
9	Transfection by cationic gemini lipids and surfactants. MedChemComm, 2018, 9, 1404-1425.	3.4	28
10	Self-assembly of porphyrin hexamers via bidentate metalâ€“ligand coordination. Dalton Transactions, 2018, 47, 14277-14287.	3.3	3
11	Design of Radioiodinated Pharmaceuticals: Structural Features Affecting Metabolic Stability towards in Vivo Deiodination. European Journal of Organic Chemistry, 2017, 2017, 3387-3414.	2.4	52
12	Direct Hyperpolarization of Nitrogen-15 in Aqueous Media with Parahydrogen in Reversible Exchange. Journal of the American Chemical Society, 2017, 139, 7761-7767.	13.7	80
13	Peptide-Appended Permethylated Î²-Cyclodextrins with Hydrophilic and Hydrophobic Spacers. Bioconjugate Chemistry, 2017, 28, 2160-2166.	3.6	9
14	High field hyperpolarization-EXSY experiment for fast determination of dissociation rates in SABRE complexes. Journal of Magnetic Resonance, 2017, 276, 122-127.	2.1	20
15	A New Irâ€NHC Catalyst for Signal Amplification by Reversible Exchange in D₂O. Chemistry - A European Journal, 2016, 22, 9277-9282.	3.3	78
16	NMR detection in biofluid extracts at sub-Î¼M concentrations via para-H2 induced hyperpolarization. Analyst, The, 2016, 141, 4001-4005.	3.5	53
17	NMR-Based Chemosensing via p-H₂ Hyperpolarization: Application to Natural Extracts. Analytical Chemistry, 2016, 88, 3406-3412.	6.5	59
18	2Dâ€…NMR Trace Analysis by Continuous Hyperpolarization at High Magnetic Field. Angewandte Chemie - International Edition, 2015, 54, 14527-14530.	13.8	83

#	Article	IF	Citations
19	Application of the Ï€-accepting ability parameter of N-heterocyclic carbene ligands in iridium complexes for signal amplification by reversible exchange (SABRE). Dalton Transactions, 2015, 44, 15387-15390.	3.3	29
20	Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. Soft Matter, 2014, 10, 9688-9694.	2.7	4
21	Toward Nanomolar Detection by NMR Through SABRE Hyperpolarization. Journal of the American Chemical Society, 2014, 136, 2695-2698.	13.7	141
22	Structureâ€“delivery relationships of lysine-based gemini surfactants and their lipoplexes. Soft Matter, 2014, 10, 5702-5714.	2.7	20
23	Different speciation for bromine in brown and red algae, revealed by in vivo Xâ€ray absorption spectroscopic studies. Journal of Phycology, 2014, 50, 652-664.	2.3	15
24	Ligand effects of NHCâ€“iridium catalysts for signal amplification by reversible exchange (SABRE). Chemical Communications, 2013, 49, 7388.	4.1	87
25	Solution scattering studies on a virus capsid protein as a building block for nanoscale assemblies. Soft Matter, 2011, 7, 11380.	2.7	12
26	Delivery of DNA and siRNA by novel gemini-like amphiphilic peptides. Journal of Controlled Release, 2010, 145, 33-39.	9.9	41
27	Î²â€Cyclodextrinâ€Appended Giant Amphiphile: Aggregation to Vesicle Polymersomes and Immobilisation of Enzymes. Chemistry - A European Journal, 2008, 14, 9914-9920.	3.3	80
28	Synthesis and Characterization of PY2- and TPA-Appended Diphenylglycoluril Receptors and Their Bis-CuI Complexes. European Journal of Organic Chemistry, 2006, 2006, 2281-2295.	2.4	11
29	X-ray absorption spectroscopic studies on model compounds for biological iodine and bromine. Journal of Synchrotron Radiation, 2005, 12, 85-93.	2.4	57
30	Bromine is an Endogenous Component of a Vanadium Bromoperoxidase. Journal of the American Chemical Society, 2005, 127, 15340-15341.	13.7	30
31	Gemini-Tenside: neue synthetische Vektoren zur Gentransfektion. Angewandte Chemie, 2003, 115, 1486-1496.	2.0	16
32	Gemini Surfactants: New Synthetic Vectors for Gene Transfection. Angewandte Chemie - International Edition, 2003, 42, 1448-1457.	13.8	377
33	Mimicking biological electron transfer and oxygen activation involving iron and copper proteins: a bio(in)organic supramolecular approach. Metal Ions in Biological Systems, 2001, 38, 461-655.	0.4	2
34	Synthesis and crystal structure of (+)-(2R,3R)-N, Nâ€²-bis-trityl-2,3-bis-aziridine. Journal of Chemical Crystallography, 1999, 29, 179-183.	1.1	2
35	Expression of Supramolecular Chirality in Aggregates of Chiral Amide-Containing Surfactants. Chemistry - A European Journal, 1998, 4, 127-136.	3.3	27
36	Stereodependent Fusion and Fission of Vesicles:Â Calcium Binding of Synthetic Gemini Phospholipids Containing Two Phosphate Groups. Journal of the American Chemical Society, 1997, 119, 4338-4344.	13.7	75

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37	Copper(II) Bipyridine and Crown Ether-Bipyridine Complexes: X-ray Structures, Characterization, and Properties as Histamine Receptors. Supramolecular Chemistry, 1996, 8, 31-44.	1.2	4
38	Design and synthesis of macromolecular structures from selfâ€assembling building blocks. Macromolecular Symposia, 1995, 98, 483-490.	0.7	0
39	Paraâ€hydrogen hyperpolarization allows direct NMR detection of Î±â€amino acids in complex (bio)mixtures. Angewandte Chemie, 0, , .	2.0	3