

Marc-Olivier Ebert

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,826
citations

218677

26
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	The rumen microbiome inhibits methane formation through dietary choline supplementation. <i>Scientific Reports</i> , 2021, 11, 21761.	3.3	3
2	Connecting the conformational behavior of cyclic octadepsipeptides with their ionophoric property and membrane permeability. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7110-7126.	2.8	9
3	Efficient affinity ranking of fluorinated ligands by ¹⁹ F NMR: CSAR and FastCSAR. <i>Journal of Biomolecular NMR</i> , 2020, 74, 579-594.	2.8	8
4	Combined experimental and theoretical study of long-range Hâ€“F interactions in $\hat{\pm}$ -fluoro amides. <i>Chemical Communications</i> , 2019, 55, 2253-2256.	4.1	6
5	<scp>RDC</scp>â€“enhanced structure calculation of a <i> $\hat{2}$ </i>â€“heptapeptide in methanol. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 655-661.	1.9	10
6	Conformational Analysis of an Antibacterial Cyclodepsipeptide Active against <i>Mycobacterium tuberculosis</i> by a Combined ROE and RDC Analysis. <i>Chemistry - A European Journal</i> , 2017, 23, 5729-5735.	3.3	10
7	Conformationally Selective Synthesis of Mononitrocalix[4]arene in <i>Cone</i> or <i>Partial Cone</i>. <i>Helvetica Chimica Acta</i> , 2017, 100, e1600391.	1.6	4
8	Structural and functional diversity in <i>Listeria</i> cell wall teichoic acids. <i>Journal of Biological Chemistry</i> , 2017, 292, 17832-17844.	3.4	55
9	Gastric and Postgastric Processing of ¹³ C Markers Renders the ¹³ C Breath Test an Inappropriate Measurement Method for the Gastric Emptying of Lipid Emulsions in Healthy Adults. <i>Journal of Nutrition</i> , 2017, 147, 1258-1266.	2.9	7
10	Stereoselective Organocatalyzed Synthesis of $\hat{\pm}$ -Fluorinated $\hat{2}$ -Amino Thioesters and Their Application in Peptide Synthesis. <i>Angewandte Chemie</i> , 2016, 128, 13321-13325.	2.0	16
11	Stereoselective Organocatalyzed Synthesis of $\hat{\pm}$ -Fluorinated $\hat{2}$ -Amino Thioesters and Their Application in Peptide Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13127-13131.	13.8	46
12	Acrolein contributes strongly to antimicrobial and heterocyclic amine transformation activities of reuterin. <i>Scientific Reports</i> , 2016, 6, 36246.	3.3	90
13	Substitution of Proline ³² by $\hat{\pm}$ -Methylproline Preorganizes $\hat{2}$ -Microglobulin for Oligomerization but Not for Aggregation into Amyloids. <i>Journal of the American Chemical Society</i> , 2015, 137, 2524-2535.	13.7	17
14	The use of ene adducts to study and engineer enoyl-thioester reductases. <i>Nature Chemical Biology</i> , 2015, 11, 398-400.	8.0	27
15	Homochiral [2]Catenane and Bis[2]catenane from Alleno-Acetylenic Helicates - A Highly Selective Narcissistic Self-Sorting Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 12502-12505.	13.7	73
16	Direct evidence for a covalent ene adduct intermediate in NAD(P)H-dependent enzymes. <i>Nature Chemical Biology</i> , 2014, 10, 50-55.	8.0	65
17	Chiroptical Detection of Nonchromophoric, Achiral Guests by Enantiopure Allenoâ€“Acetylenic Helicates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13614-13618.	13.8	56
18	How Small Amounts of Impurities Are Sufficient to Catalyze the Interconversion of Carbonyl Compounds and Iminium Ions, or Is There a Metathesis through 1,3â€“Oxazetidinium Ions? Experiments, Speculations, and Calculations. <i>Helvetica Chimica Acta</i> , 2014, 97, 1177-1203.	1.6	11

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19	Donor–Acceptor (D–A) Substituted Polyene Chromophores: Modulation of Their Optoelectronic Properties by Varying the Length of the Acetylene Spacer. <i>Chemistry - A European Journal</i> , 2013, 19, 12693-12704.	3.3	61
20	Stoichiometric Reactions of Enamines Derived from Diphenylprolinol Silyl Ethers with Nitro Olefins and Lessons for the Corresponding Organocatalytic Conversions – a Survey. <i>Helvetica Chimica Acta</i> , 2013, 96, 799-852.	1.6	75
21	<i>cis</i> – <i>trans</i> Peptide Bond Isomerization in <i>L</i> –Methylproline Derivatives. <i>Helvetica Chimica Acta</i> , 2012, 95, 2411-2420.	1.6	9
22	Redox-Switchable Resorcin[4]arene Cavitands: Molecular Grippers. <i>Journal of the American Chemical Society</i> , 2012, 134, 14702-14705.	13.7	75
23	Designing Fluorinated Cinchona Alkaloids for Enantioselective Catalysis: Controlling Internal Rotation by a Fluorine–Ammonium Ion <i>gauche</i> Effect (<i>†</i> NCCF). <i>Chemistry - A European Journal</i> , 2012, 18, 2006-2013.	3.3	74
24	1,2-Oxazine <i>N</i> –Oxides as Catalyst Resting States in <i>Michael</i> Additions of Aldehydes to Nitro Olefins Organocatalyzed by <i>L</i> , <i>L</i> –Diphenylprolinol Trimethylsilyl Ether. <i>Helvetica Chimica Acta</i> , 2012, 95, 1064-1078.	1.6	55
25	Helical Content of a ³ –Octapeptide in Methanol: Molecular Dynamics Simulations Explain a Seeming Discrepancy between Conclusions Derived from CD and NMR Data. <i>Chemistry - A European Journal</i> , 2012, 18, 586-593.	3.3	14
26	Quinone–Based, Redox–Active Resorcin[4]arene Cavitands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 262-266.	13.8	56
27	On the Terminal Homologation of Physiologically Active Peptides as a Means of Increasing Stability in Human Serum – Neutrotenin, Opiorphin, B27–KK10 Epitope, NPY. <i>Chemistry and Biodiversity</i> , 2011, 8, 711-739.	2.1	29
28	Stereochemical Models for Discussing Additions to <i>L</i> , <i>L</i> –Unsaturated Aldehydes Organocatalyzed by Diarylprolinol or Imidazolidinone Derivatives – Is There an <i>E</i> / <i>Z</i> –Dilemma™?. <i>Helvetica Chimica Acta</i> , 2010, 93, 603-634.	1.6	93
29	Oligonucleotides with Sugars Other Than Ribose and 2–Deoxyribofuranose in the Backbone: the Solution Structures Determined by NMR in the Context of the <i>E</i> –Etiology of Nucleic Acids™ Project of Albert Eschenmoser. <i>Chemistry and Biodiversity</i> , 2010, 7, 2103-2128.	2.1	11
30	A Novel Fluorinated Gold(I) N-Heterocyclic Carbene Complex: Exploiting Fluorine Stereoelectronic Effects To Control Molecular Topology. <i>Organometallics</i> , 2010, 29, 4424-4427.	2.3	33
31	Reaction of Fe ₃ (CO) ₁₂ with octreotide – chemical, electrochemical and biological investigations. <i>Dalton Transactions</i> , 2010, 39, 3065.	3.3	14
32	Self-association based on orthogonal C=O–C=O interactions in the solid and liquid state. <i>Chemical Communications</i> , 2010, 46, 67-69.	4.1	26
33	5-Fluoro pyrimidines: labels to probe DNA and RNA secondary structures by 1D 19 F NMR spectroscopy. <i>Nucleic Acids Research</i> , 2009, 37, 7728-7740.	14.5	79
34	5–Benzyl–3–methylimidazolidin–4–one–Derived Reactive Intermediates of Organocatalysis – A Comforting Resemblance of X–Ray, NMR, and DFT Solid–Phase, Liquid–Phase, and Gas–Phase Structures. <i>Helvetica Chimica Acta</i> , 2009, 92, 1-13.	1.6	76
35	Synthesis and High–Resolution NMR Structure of a ³ –Octapeptide with and without a Tether Introduced by Olefin Metathesis. <i>Helvetica Chimica Acta</i> , 2009, 92, 2643-2658.	1.6	17
36	Biosynthesis of the proteasome inhibitor syringolin A: the ureido group joining two amino acids originates from bicarbonate. <i>BMC Biochemistry</i> , 2009, 10, 26.	4.4	33

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37	Conformational and Configurational Analysis in the Study and Synthesis of Chlorinated Natural Products. <i>Journal of the American Chemical Society</i> , 2009, 131, 15866-15876.	13.7	97
38	Blue Luminescence of Ripening Bananas. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8954-8957.	13.8	90
39	NMR Relaxation Study of the Complex Formed Between CBP and the Activation Domain of the Nuclear Hormone Receptor Coactivator ACTR. <i>Biochemistry</i> , 2008, 47, 1299-1308.	2.5	86
40	The Structure of a TNA-TNA Complex in Solution: NMR Study of the Octamer Duplex Derived from $\hat{\pm}$ -(Threofuranosyl-(3'-2'-CGAATTCC). <i>Journal of the American Chemical Society</i> , 2008, 130, 15105-15115.	13.7	61
41	Vitamin B12: A Methyl Group without a Job?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 989-993.	13.8	33
42	Pentopyranosyl Oligonucleotide Systems. Communication No. 13. <i>Helvetica Chimica Acta</i> , 2003, 86, 1259-1308.	1.6	19
43	NMR Solution Structure of the Duplex Formed by Self-Pairing of -L-Arabinopyranosyl-(4'-2'-)(CGAATTCC). <i>Helvetica Chimica Acta</i> , 2002, 85, 4055-4073.	1.6	13
44	Methylation of the nucleobases in RNA oligonucleotides mediates duplex-hairpin conversion. <i>Nucleic Acids Research</i> , 2001, 29, 3997-4005.	14.5	81
45	On RNA Triplet Interactions: NMR Study of the Short Intramolecular Duplex Formed by r[GCAm1G-p-O(CH ₂ CH ₂ O) ₆ -p-UGCC], Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2000, 83, 2336-2343.	1.6	3