

# Marc-Olivier Ebert

## List of Publications by Year in descending order

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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	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
2	Stereochemical Models for Discussing Additions to $\alpha,\beta$ -Unsaturated Aldehydes Organocatalyzed by Diarylprolinol or Imidazolidinone Derivatives " Is There an $E/Z$ Dilemma <sup>TM</sup> ?. <i>Helvetica Chimica Acta</i> , 2010, 93, 603-634.	1.6	93
3	Blue Luminescence of Ripening Bananas. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8954-8957.	13.8	90
4	Acrolein contributes strongly to antimicrobial and heterocyclic amine transformation activities of reuterin. <i>Scientific Reports</i> , 2016, 6, 36246.	3.3	90
5	NMR Relaxation Study of the Complex Formed Between CBP and the Activation Domain of the Nuclear Hormone Receptor Coactivator ACTR <sup>1</sup> . <i>Biochemistry</i> , 2008, 47, 1299-1308.	2.5	86
6	Methylation of the nucleobases in RNA oligonucleotides mediates duplex "hairpin conversion. <i>Nucleic Acids Research</i> , 2001, 29, 3997-4005.	14.5	81
7	5-Fluoro pyrimidines: labels to probe DNA and RNA secondary structures by 1D <sup>19</sup> F NMR spectroscopy. <i>Nucleic Acids Research</i> , 2009, 37, 7728-7740.	14.5	79
8	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
9	Redox-Switchable Resorcin[4]arene Cavitands: Molecular Grippers. <i>Journal of the American Chemical Society</i> , 2012, 134, 14702-14705.	13.7	75
10	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
11	Designing Fluorinated Cinchona Alkaloids for Enantioselective Catalysis: Controlling Internal Rotation by a Fluorine-Ammonium Ion <i>gauche</i> Effect ( $\uparrow$ <sub>NCCF</sub> ). <i>Chemistry - A European Journal</i> , 2012, 18, 2006-2013.	3.3	74
12	Homochiral [2]Catenane and Bis[2]catenane from Allenol-Acetylenic Helicates - A Highly Selective Narcissistic Self-Sorting Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 12502-12505.	13.7	73
13	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
14	The Structure of a TNA~TNA Complex in Solution: NMR Study of the Octamer Duplex Derived from $\beta$ -D-Threofuranosyl-(3',2')-CGAATTCG. <i>Journal of the American Chemical Society</i> , 2008, 130, 15105-15115.	13.7	61
15	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
16	Quinone-Based, Redox-Active Resorcin[4]arene Cavitands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 262-266.	13.8	56
17	Chiroptical Detection of Nonchromophoric, Achiral Guests by Enantiopure Allenol-Acetylenic Helicates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13614-13618.	13.8	56
18	1,2-Oxazine N-Oxides as Catalyst Resting States in Michael Additions of Aldehydes to Nitro Olefins Organocatalyzed by $\beta$ -Diphenylprolinol Trimethylsilyl Ether. <i>Helvetica Chimica Acta</i> , 2012, 95, 1064-1078.	1.6	55

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19	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
20	Stereoselective Organocatalyzed Synthesis of $\alpha$ -Fluorinated $\beta$ -Amino Thioesters and Their Application in Peptide Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13127-13131.	13.8	46
21	Vitamin B12: A Methyl Group without a Job?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 989-993.	13.8	33
22	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
23	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
24	On the Terminal Homologation of Physiologically Active Peptides as a Means of Increasing Stability in Human Serum – Neurotensin, Opiorphin, B27-CKK10 Epitope, NPY. <i>Chemistry and Biodiversity</i> , 2011, 8, 711-739.	2.1	29
25	The use of ene adducts to study and engineer enoyl-thioester reductases. <i>Nature Chemical Biology</i> , 2015, 11, 398-400.	8.0	27
26	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
27	Pentopyranosyl Oligonucleotide Systems. Communication No. 13. <i>Helvetica Chimica Acta</i> , 2003, 86, 1259-1308.	1.6	19
28	Synthesis and High-Resolution NMR Structure of a $\beta$ -Octapeptide with and without a Tether Introduced by Olefin Metathesis. <i>Helvetica Chimica Acta</i> , 2009, 92, 2643-2658.	1.6	17
29	Substitution of Proline32 by $\alpha$ -Methylproline Preorganizes $\beta$ 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
30	Stereoselective Organocatalyzed Synthesis of $\alpha$ -Fluorinated $\beta$ -Amino Thioesters and Their Application in Peptide Synthesis. <i>Angewandte Chemie</i> , 2016, 128, 13321-13325.	2.0	16
31	Reaction of Fe <sub>3</sub> (CO) <sub>12</sub> with octreotide – chemical, electrochemical and biological investigations. <i>Dalton Transactions</i> , 2010, 39, 3065.	3.3	14
32	Helical Content of a $\beta$ -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
33	NMR Solution Structure of the Duplex Formed by Self-Pairing of -L-Arabinopyranosyl-(4 $\rightarrow$ 2 $\rightarrow$ )-(CGAATTCG). <i>Helvetica Chimica Acta</i> , 2002, 85, 4055-4073.	1.6	13
34	Oligonucleotides with Sugars Other Than Ribose and 2-Deoxyribofuranose in the Backbone: the Solution Structures Determined by NMR in the Context of the <i>Etiology of Nucleic Acids</i> ™ Project of Albert Eschenmoser. <i>Chemistry and Biodiversity</i> , 2010, 7, 2103-2128.	2.1	11
35	How Small Amounts of Impurities Are Sufficient to Catalyze the Interconversion of Carbonyl Compounds and Iminium Ions, or Is There a Metathesis through 1,3-Oxazetidinium Ions? Experiments, Speculations, and Calculations. <i>Helvetica Chimica Acta</i> , 2014, 97, 1177-1203.	1.6	11
36	enhanced structure calculation of a $\beta$ -heptapeptide in methanol. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 655-661.	1.9	10

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37	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
38	<i>cis</i> → <i>trans</i> Peptide Bond Isomerization in $\beta$ -Methylproline Derivatives. <i>Helvetica Chimica Acta</i> , 2012, 95, 2411-2420.	1.6	9
39	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
40	Efficient affinity ranking of fluorinated ligands by <sup>19</sup> F NMR: CSAR and FastCSAR. <i>Journal of Biomolecular NMR</i> , 2020, 74, 579-594.	2.8	8
41	Gastric and Postgastric Processing of <sup>13</sup> C Markers Renders the <sup>13</sup> 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
42	Combined experimental and theoretical study of long-range H <sup>1</sup> –F interactions in $\beta$ -fluoro amides. <i>Chemical Communications</i> , 2019, 55, 2253-2256.	4.1	6
43	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
44	On RNA Triplet Interactions: NMR Study of the Short Intramolecular Duplex Formed by r[GCAm1G-p-O(CH <sub>2</sub> CH <sub>2</sub> O) <sub>6</sub> -p-UGCC], Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2000, 83, 2336-2343.	1.6	3
45	The rumen microbiome inhibits methane formation through dietary choline supplementation. <i>Scientific Reports</i> , 2021, 11, 21761.	3.3	3