Gebhard Haberhauer

List of Publications by Year
in descending order

111	2,856	159358	214527
papers	citations	30 h-index	47 g-index

123	123	123	2534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Noncovalent Chalcogenâ€“Chalcogen Interactions to Supramolecular Aggregates: Experiments and Calculations. Chemical Reviews, 2018, 118, 2010-2041.	23.0	244
2	Galmic, a nonpeptide galanin receptor agonist, affects behaviors in seizure, pain, and forced-swim tests. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10470-10475.	3.3	131
3	Planarized Intramolecular Charge Transfer: A Concept for Fluorophores with both Large Stokes Shifts and High Fluorescence Quantum Yields. Chemistry - A European Journal, 2016, 22, 971-978.	1.7	101
4	A Bridged Azobenzene Derivative as a Reversible, Lightâ€Induced Chirality Switch. Angewandte Chemie - International Edition, 2010, 49, 2418-2421.	7.2	92
5	Syntheses and Structures of Imidazole Analogues of Lissoclinum Cyclopeptides. European Journal of Organic Chemistry, 2003, 2003, 3209-3218.	1.2	74
6	Improved synthesis of functionalized molecular platforms related to marine cyclopeptides. Tetrahedron, 2001, 57, 1699-1708.	1.0	72
7	A Molecular Fourâ€Stroke Motor. Angewandte Chemie - International Edition, 2011, 50, 6415-6418.	7.2	67
8	Control of Planar Chirality: The Construction of a Copperâ€Ionâ€Controlled Chiral Molecular Hinge. Angewandte Chemie - International Edition, 2008, 47, 3635-3638.	7.2	62
9	Planarized and Twisted Intramolecular Charge Transfer: A Concept for Fluorophores Showing Two Independent Rotations in Excited State. Chemistry - A European Journal, 2017, 23, 9288-9296.	1.7	57
10	A Metalâ€Ionâ€Driven Supramolecular Chirality Pendulum. Angewandte Chemie - International Edition, 2010, 49, 9286-9289.	7.2	55
11	Rotations in Excited ICT States â€“ Fluorescence and its Microenvironmental Sensitivity. Israel Journal of Chemistry, 2018, 58, 813-826.	1.0	54
12	Synthesis of a new class of imidazole-based cyclic peptides. Tetrahedron Letters, 2002, 43, 6335-6338.	0.7	52
13	Molecular Scaffold for the Construction of Three-Armed and Cage-Like Receptors. Chemistry - A European Journal, 2005, 11, 6718-6726.	1.7	50
14	The Nature of Strong Chalcogen Bonds Involving Chalcogenâ€Containing Heterocycles. Angewandte Chemie - International Edition, 2020, 59, 21236-21243.	7.2	50
15	Copper(II) Coordination Chemistry of Westiellamide and Its Imidazole, Oxazole, and Thiazole Analogues. Chemistry - A European Journal, 2008, 14, 4393-4403.	1.7	47
16	A widely applicable concept for predictable induction of preferred configuration in C3-symmetric systems. Chemical Communications, 2005, , 2799.	2.2	46
17	Multiâ€Talented Gallaphosphene for Gaâ‹¯Pâ‹¯Ga Heteroallyl Cation Generation, CO₂ Storage, and C(sp³)â‹¯H Bond Activation. Angewandte Chemie - International Edition, 2021, 60, 6784-6790.	7.2	46
18	Structural investigation of westiellamide analogues. Tetrahedron, 2008, 64, 1853-1859.	1.0	45

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19	Dimerization of Two Alkyne Units: Model Studies, Intermediate Trapping Experiments, and Kinetic Studies. Journal of the American Chemical Society, 2015, 137, 1833-1843.	6.6	41
20	Synthesis of a second-generation pseudopeptide platform. Tetrahedron Letters, 2000, 41, 5013-5016.	0.7	39
21	Configurationally stable propeller-like triarylphosphine and triarylphosphine oxide. Chemical Communications, 2007, , 3711.	2.2	39
22	Synthesis of galmic: A nonpeptide galanin receptor agonist. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16727-16732.	3.3	35
23	Synthesis and Structural Investigation ofC4- andC2-Symmetric Molecular Scaffolds Based on Imidazole Peptides. European Journal of Organic Chemistry, 2007, 2007, 1779-1792.	1.2	33
24	Strongly underestimated dispersion energy in cryptophanes and their complexes. Nature Communications, 2014, 5, 3542.	5.8	32
25	Switching Process Consisting of Three Isomeric States of an Azobenzene Unit. Journal of the American Chemical Society, 2017, 139, 9708-9713.	6.6	32
26	1,3-Chlorine Shift to a Vinyl Cation: A Combined Experimental and Theoretical Investigation of the E-Selective Gold(I)-Catalyzed Dimerization of Chloroacetylenes. Journal of the American Chemical Society, 2019, 141, 1337-1348.	6.6	32
27	A Mechanistic Study on Reactions of Group 13 Diyls LM with Cp*SbX₂: From Stibanyl Radicals to Antimony Hydrides. Chemistry - A European Journal, 2020, 26, 13390-13399.	1.7	32
28	A C3-symmetric molecular scaffold for the construction of large receptors. Chemical Communications, 2004, , 2044.	2.2	31
29	Oxazole Cyclopeptides for Chirality Transfer in C₃â€Symmetric Octahedral Metal Complexes. European Journal of Organic Chemistry, 2008, 2008, 2375-2387.	1.2	31
30	An Azobenzene Unit Embedded in a Cyclopeptide as a Typeâ€Specific and Spatially Directed Switch. Angewandte Chemie - International Edition, 2013, 52, 7879-7882.	7.2	31
31	C2-Symmetric Metacyclophanes: A Possible Alternative too,oâ€²-Bridged Binaphthyls. Angewandte Chemie - International Edition, 2007, 46, 4397-4399.	7.2	30
32	Transannular Ring Closure of 10-Membered Cyclic Diynes:â€‰ Model Calculations. Journal of the American Chemical Society, 1999, 121, 4664-4668.	6.6	29
33	Highly Selective Recognition of Î±â€Chiral Primary Organoammonium Ions by C₃â€Symmetric Peptide Receptors. European Journal of Organic Chemistry, 2009, 2009, 4458-4467.	1.2	29
34	anti-Diradical Formation in 1,3-Dipolar Cycloadditions of Nitrile Oxides to Acetylenes. Journal of Organic Chemistry, 2015, 80, 12321-12332.	1.7	29
35	The Carbonylâ‹…â‹…â‹…Tellurazole Chalcogen Bond as a Molecular Recognition Unit: From Model Studies to Supramolecular Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 17154-17161.	7.2	28
36	Cu^{II} Coordination Chemistry of Patellamide Derivatives: Possible Biological Functions of Cyclic Pseudopeptides. Chemistry - A European Journal, 2012, 18, 2578-2590.	1.7	27

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37	Design of Azobenzene beyond Simple Onâ€“Off Behavior. Journal of the American Chemical Society, 2021, 143, 19856-19864.	6.6	26
38	Anion Recognition by Neutral Macrocyclic Azole Amides. European Journal of Organic Chemistry, 2009, 2009, 213-222.	1.2	25
39	Gold(I)â€Catalyzed Haloalkynylation of Aryl Alkynes: Two Pathways, One Goal. Angewandte Chemie - International Edition, 2020, 59, 9433-9437.	7.2	25
40	Gold(I)-Catalyzed Chloroalkynylation of 1,1-Disubstituted Alkenes via 1,3-Chlorine Shift: A Combined Experimental and Theoretical Study. Journal of Organic Chemistry, 2019, 84, 8210-8224.	1.7	23
41	Synthesis and Reactivity of Heteroleptic Gaâ€Pâ€C Allyl Cation Analogues. Angewandte Chemie - International Edition, 2021, 60, 1986-1991.	7.2	22
42	Reversible and Irreversible [2+2] Cycloaddition Reactions of Heteroallenes to a Gallaphosphene. Angewandte Chemie - International Edition, 2021, 60, 21784-21788.	7.2	22
43	Electron-rich two-, three- and four-center bonds between chalcogens â€“ New prospects for old molecules. Coordination Chemistry Reviews, 2017, 344, 263-298.	9.5	21
44	A New Mechanicallyâ€Interlocked [Pd 2 L 4] Cage Motif by Dimerization of two Peptideâ€based Lemniscates. Angewandte Chemie - International Edition, 2020, 59, 22489-22493.	7.2	21
45	Light and Chemically Driven Molecular Machines Showing a Unidirectional Four-State Switching Cycle. Journal of Organic Chemistry, 2015, 80, 1887-1895.	1.7	20
46	A very stable complex of a modified marine cyclopeptide with chloroform. Nature Communications, 2013, 4, 2945.	5.8	19
47	Vielseitiges Gallaphosphen: Von einem Gaâ€Pâ€Gaâ€Heteroallylkation Ã¼ber CO₂â€Speicherung hin zu C(sp³)â€Hâ€Bindungsaktivierung. Angewandte Chemie, 2021, 133, 6859-6865.	1.6	19
48	A convenient synthesis of ethano-bridged cyclic diynes â€” Preparation of 1,1,2,2-tetramethyl-1,2-disilacycloocta-3,7-diyne. Tetrahedron Letters, 1997, 38, 8679-8682.	0.7	18
49	Interplay between 1,3-Butadien-1,4-diyl and 2-Buten-1,4-dicarbene Derivatives: The Quest for Nucleophilic Carbenes. Journal of the American Chemical Society, 2013, 135, 8022-8030.	6.6	18
50	Long Chalcogenâ€“Chalcogen Bonds in Electron-Rich Two and Four Center Bonds: Combination of Ï€- and Ïƒ-Aromaticity to a Three-Dimensional Ïƒ/Ï€-Aromaticity. Journal of Organic Chemistry, 2014, 79, 7543-7552.	1.7	18
51	Enediyne Dimerization vs Bergman Cyclization. Organic Letters, 2015, 17, 1425-1428.	2.4	18
52	Control of helicity in C3-symmetric systems by peptide-like Î²-turns. Tetrahedron Letters, 2008, 49, 2421-2424.	0.7	17
53	A Unidirectional Openâ€“Close Mechanism of Metalâ€Ionâ€Driven Molecular Hinges with Adjustable Amplitude. Chemistry - A European Journal, 2009, 15, 13406-13416.	1.7	17
54	Unidirectional Redoxâ€Stimulated Movement around a Cï£¿C Single Bond. Chemistry - A European Journal, 2011, 17, 8060-8065.	1.7	17

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55	Agonist-induced activation of the S1P receptor 2 constitutes a novel osteoanabolic therapy for the treatment of osteoporosis in mice. Bone, 2019, 125, 1-7.	1.4	17
56	Synthesis and Investigation of a Chiral Enterobactin Analogue Based on a Macrocyclic Peptide Scaffold. Chemistry - A European Journal, 2008, 14, 11061-11068.	1.7	16
57	A Lightâ€•and Electricityâ€Driven Molecular Pushing Motor. European Journal of Organic Chemistry, 2017, 2017, 1308-1317.	1.2	16
58	A New Look on Larger Sulfur and Selenium Rings â€“ Dispersion Forces and Shapes of Larger Cycles. European Journal of Inorganic Chemistry, 2019, 2019, 3846-3853.	1.0	15
59	Dimerization of Substituted Arylacetylenesâ€”Quantum Chemical Calculations and Kinetic Studies. Journal of Organic Chemistry, 2018, 83, 7878-7885.	1.7	14
60	Cyclopropenylmethyl Cation: A Concealed Intermediate in Gold(I)â€Catalyzed Reactions. Angewandte Chemie - International Edition, 2020, 59, 17739-17749.	7.2	14
61	Synthesis of chiral threefold and sixfold functionalized macrocyclic imidazoleÂpeptides. Tetrahedron, 2009, 65, 2217-2225.	1.0	13
62	Complex formation and stability of westiellamide derivatives with copper(II). Journal of Biological Inorganic Chemistry, 2010, 15, 1129-1135.	1.1	13
63	Au(I)-Catalyzed Dimerization of Two Alkyne Unitsâ€”Interplay between Butadienyl and Cyclopropenylmethyl Cation: Model Studies and Trapping Experiments. Journal of Organic Chemistry, 2017, 82, 13572-13582.	1.7	12
64	Synthesis of a C3-Symmetric Nanoscale Molecular Platform Based on Marine Cyclopeptides. Synlett, 2004, 2004, 1003-1006.	1.0	11
65	Model Studies on the Dimerization of 1,3-Diacetylenes. Journal of Organic Chemistry, 2015, 80, 5077-5083.	1.7	11
66	Cyclic Diynes with Dimethylsilyl and Dimethylgermyl Groups in the Bridges. Syntheses and Properties. Organometallics, 1999, 18, 3615-3622.	1.1	10
67	Gold(I)â€katalysierte Haloalkinylierung von Arylalkinen: Zwei Wege, ein Ziel. Angewandte Chemie, 2020, 132, 9519-9524.	1.6	10
68	Metalâ€Catalyzed Haloalkynylation Reactions. Chemistry - A European Journal, 2021, , .	1.7	10
69	Switching from Heteronuclear Allyl Cations to Vinyl Cations by Using a Chemical Charge Trap. Inorganic Chemistry, 2022, 61, 597-604.	1.9	10
70	On the Electronic Nature of a Butadienyl Biradical â€“ Experiments and ab initio MO Calculations. European Journal of Organic Chemistry, 1998, 1998, 1447-1453.	1.2	9
71	Dimerization of substituted 4-aryl-1,3-diacetylenes â€“ quantum chemical calculations and kinetic studies. Organic Chemistry Frontiers, 2019, 6, 1010-1021.	2.3	9
72	Cyclic Diynes with Silicon in the Bridges: Structural and Photoelectron Spectroscopic Investigations. Chemische Berichte, 1997, 130, 1807-1811.	0.2	8

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73	Straightforward Synthesis ofa Novel Class of Rigid Bicyclic Dipeptidomimetics fromSimple Dipeptides: Fused Imidazole Amino Acids. Synlett, 2003, 2003, 0780-0784.	1.0	8
74	Thieme Chemistry Journal Awardees - Where Are They Now? Macrocyclic Peptide Chemistry Inspired by Nature - From Chiral Artificial Receptors toward Molecular Devices. Synlett, 2009, 2009, 3082-3098.	1.0	8
75	Controlling the Helicity of Hydroxyquinoline Metal Complexes Based on a Macrocyclic Peptide Scaffold. European Journal of Organic Chemistry, 2009, 2009, 3432-3438.	1.2	8
76	An Unexpected and Easy Way of Freezing the Configuration of a Triaryl Phosphane Oxide. Chemistry - A European Journal, 2011, 17, 8643-8647.	1.7	8
77	Toward unidirectional switches: 2-(2-Hydroxyphenyl)pyridine and 2-(2-methoxyphenyl)pyridine derivatives as pH-triggered pivots. Beilstein Journal of Organic Chemistry, 2012, 8, 977-985.	1.3	8
78	Tropos, Nevertheless Conformationally Stable Biphenyl Derivatives. European Journal of Organic Chemistry, 2013, 2013, 2325-2333.	1.2	8
79	4,4â€²â€Bipyridine as a Unidirectional Switching Unit for a Molecular Pushing Motor. Chemistry - A European Journal, 2014, 20, 6358-6365.	1.7	8
80	Double Pancake Versus Long Chalcogenâ€“Chalcogen Bonds in Sixâ€Membered C,N,Sâ€Heterocycles. Chemistry - A European Journal, 2016, 22, 8646-8653.	1.7	8
81	Front Cover: A Light- and Electricity-Driven Molecular Pushing Motor (Eur. J. Org. Chem. 10/2017). European Journal of Organic Chemistry, 2017, 2017, 1294-1294.	1.2	8
82	Die Carbonylâ‹…â‹…â‹…Tellurazolâ€Chalkogenbindung als molekulare Erkennungseinheit: Von Modellstudien zu supramolekularen organischen GerÃ¼stverbindungen. Angewandte Chemie, 2020, 132, 17303-17311.	1.6	8
83	Synthesis and Reactivity of Heteroleptic Gaâ€Pâ€C Allyl Cation Analogues. Angewandte Chemie, 2021, 133, 2014-2019.	1.6	8
84	Controlling the Gold(I)-Catalyzed 1,5-Allenene Reaction: Construction of Fused Rings with Excellent Diastereoselectivity. Organic Letters, 2021, 23, 9635-9639.	2.4	8
85	Single-Electron Oxidation of Carbene-Coordinated Pnictinidenesâ€“Entry into Heteroleptic Radical Cations and Metalloid Clusters. Inorganic Chemistry, 2022, 61, 5878-5884.	1.9	8
86	An enantiomerically pure siderophore type ligand for the diastereoselective 1 : 1 complexation of lanthanide(III) ions. Beilstein Journal of Organic Chemistry, 2009, 5, 78.	1.3	7
87	Reversible und irreversible [2+2]â€Cycloadditionen von Heteroallenen an ein Gallaphosphen. Angewandte Chemie, 2021, 133, 21953-21957.	1.6	7
88	Artificial Redox-Driven Directionally Controlled Switches As a Basis for Redox-Driven Molecular Motors. Antioxidants and Redox Signaling, 2013, 19, 1783-1791.	2.5	6
89	Imidazoleâ€Peptide Foldamers: Parabolic Dependence of the Folding Process on the Water Content of the Solvent. Chemistry - A European Journal, 2015, 21, 4333-4339.	1.7	6
90	Twisting of Alkynes towards a Carbon Double Helix. Chemistry - A European Journal, 2017, 23, 12190-12197.	1.7	6

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91	Linear Relationship between 13 Câ€...NMR Chemical Shifts and the Bending of spâ€Carbon Chains. Chemistry - A European Journal, 2019, 25, 12689-12693.	1.7	6
92	From Eightâ€Membered 10Ï€ Electron Sulfurâ€“Nitrogen Cycles to Bicycles and Cages: A Theoretical Approach. Chemistry - A European Journal, 2014, 20, 13801-13810.	1.7	5
93	Encapsulated Guests in the Smallest Spaces: Shrinking Guests by Compression and Investigations under Solvent-Free Conditions. Journal of Organic Chemistry, 2015, 80, 8065-8072.	1.7	5
94	An azobenzene container showing a definite folding â€“ synthesis and structural investigation. Beilstein Journal of Organic Chemistry, 2019, 15, 1534-1544.	1.3	5
95	Bifurcated Chalcogen Bonds Based on One Ïƒ-Hole. Organic Materials, 2022, 4, 43-52.	1.0	5
96	Bio-inspired Herringbone Foldamers: Strategy for Changing the Structure of Helices. Journal of Organic Chemistry, 2017, 82, 4203-4215.	1.7	4
97	Switchable Imidazole Platform â€“ Synthesis and Structural Investigation. European Journal of Organic Chemistry, 2018, 2018, 4306-4316.	1.2	4
98	Ein neues, mechanisch verzahntes [Pd 2 L 4] KÃfigmotiv durch Dimerisierung von zwei Peptidâ€basierten Lemniskaten. Angewandte Chemie, 2020, 132, 22675-22680.	1.6	4
99	Cyclopropenylmethylkation â€“ Ein verborgenes Intermediat in Gold(I)â€katalysierten Reaktionen. Angewandte Chemie, 2020, 132, 17892-17902.	1.6	4
100	A supramolecular double-helix based on complementary phosphateâ€“guanidinium pairing. Chemical Communications, 2021, 57, 9842-9845.	2.2	4
101	Gold(I)â€Catalyzed Alleneâ€“Dieneâ€“Alkyne Coupling Reaction to Polycycles. European Journal of Organic Chemistry, 2020, 2020, 6629-6634.	1.2	4
102	Cyclic Compounds Incorporating Two or Four Alkyne Units in Close Proximity â€“ Theory and Experiments. European Journal of Organic Chemistry, 2018, 2018, 2406-2416.	1.2	3
103	Die Natur starker Chalkogenbindungen unter Beteiligung chalkogenhaltiger Heterocyclen. Angewandte Chemie, 2020, 132, 21423-21430.	1.6	3
104	Observation of Discrete Valence Tautomers in Crystalline Cyclopentadienyl Radicals. Journal of the American Chemical Society, 2021, 143, 12658-12664.	6.6	3
105	Nâ€Aryl Imidazole Platforms â€“ Synthesis and Structural Investigation. European Journal of Organic Chemistry, 2018, 2018, 2193-2203.	1.2	2
106	Synthesis and Properties of Monophosphaâ€and Diphosphacyclodiynes. European Journal of Organic Chemistry, 2018, 2018, 2795-2805.	1.2	2
107	Dirhamnolipid ester â€“ formation of reverse wormlike micelles in a binary (primerless) system. Beilstein Journal of Organic Chemistry, 2020, 16, 2820-2830.	1.3	1
108	Gold Catalysis of Non-Conjugated Haloacetylenes. Synthesis, 2021, 53, 1457-1470.	1.2	1

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109	Innentitelbild: Ein neues, mechanisch verzahntes [Pd₂L₄] KÃfigmotiv durch Dimerisierung von zwei Peptidâ€basierten Lemniskaten (Angew. Chem. 50/2020). Angewandte Chemie, 2020, 132, 22454-22454.	1.6	0
110	Frontispiece: Metalâ€Catalyzed Haloalkynylation Reactions. Chemistry - A European Journal, 2022, 28, .	1.7	0
111	Bisstibaneâ^'Distibane conversion via consecutive single-electron oxidation and reduction reaction. Chemical Communications, 2022, , .	2.2	0