Henri Brunner

List of Publications by Year
in descending order

75 papers	1,683 citations	331670 21 h-index	302126 39 g-index
84 all docs	84 docs citations	84 times ranked	1418 citing authors

#	Article	IF	Citations
1	Optically Active Organometallic Compounds of Transition Elements with Chiral Metal Atoms. Angewandte Chemie - International Edition, 1999, 38, 1194-1208.	13.8	309
2	Stability of the Metal Configuration in Chiral-at-Metal Half-Sandwich Compounds. European Journal of Inorganic Chemistry, 2001, 2001, 905-912.	2.0	112
3	Naproxen Derivatives by Enantioselective Decarboxylation. European Journal of Organic Chemistry, 2000, 2000, 2119-2133.	2.4	88
4	A New Hydrosilylation Mechanismâ€"New Preparative Opportunities. Angewandte Chemie - International Edition, 2004, 43, 2749-2750.	13.8	67
5	Asymmetric catalysis. Part 153: Metal-catalysed enantioselective Î±-ketol rearrangement. Tetrahedron: Asymmetry, 2003, 14, 2177-2187.	1.8	61
6	Enantioselective catalysis. Part 143: Astonishingly high enantioselectivity in the transfer hydrogenation of acetophenone with 2-propanol using Ru complexes of the Schiff base derived from (S)-2-amino-2â€²-hydroxy-1,1â€²-binaphthyl (NOBIN) and 2-pyridinecarbaldehyde. Tetrahedron: Asymmetry, 2002, 13, 37-42.	1.8	55
7	Carboplatin-containing porphyrinâ€"platinum complexes as cytotoxic and phototoxic antitumor agents. Inorganica Chimica Acta, 2004, 357, 4423-4451.	2.4	51
8	Optically active transition-metal complexes. Journal of Organometallic Chemistry, 2000, 601, 211-219.	1.8	46
9	Enantioselective catalysis. Journal of Organometallic Chemistry, 1998, 553, 285-306.	1.8	45
10	Î±-Amino Acid Derivatives by Enantioselective Decarboxylation. European Journal of Organic Chemistry, 2003, 2003, 2854-2862.	2.4	43
11	Ligand Dissociation: Planar or Pyramidal Intermediates?. Accounts of Chemical Research, 2009, 42, 1501-1510.	15.6	36
12	Enantioselective Palladium-Catalysed Allylation of 1,5-Dimethylbarbituric Acid. European Journal of Inorganic Chemistry, 1998, 1998, 43-54.	2.0	35
13	Metal-Catalyzed Enantioselective Î±-Ketol Rearrangements. European Journal of Organic Chemistry, 2000, 2000, 2777-2786.	2.4	33
14	Novel Chiral Oxazoline Ligands for Potential Charge-Transfer Effects in the Rh(I)-Catalysed Enantioselective Hydrosilylation. European Journal of Inorganic Chemistry, 1998, 1998, 771-781.	2.0	30
15	Carboplatin derivatives with superior antitumor activity compared to the parent compound. Inorganica Chimica Acta, 2004, 357, 4452-4466.	2.4	28
16	Solid-state conformations of compounds (arene)L2MP(C6H5)3 and (arene)LL'MP(C6H5)3. Organometallics, 1985, 4, 1063-1068.	2.3	26
17	Enantioselective catalysis. Part 148: Carbohydrate-derived oxime ethers stable towards hydrolysisâ€"syntheses of ligands and complexes and a study of their catalytic properties. Tetrahedron: Asymmetry, 2003, 14, 1115-1122.	1.8	26
18	Highly Enriched Mixtures of Methohexital Stereoisomers by Palladium-Catalyzed Allylation and Their Anaesthetic Activity. European Journal of Organic Chemistry, 2003, 2003, 855-862.	2.4	25

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19	Asymmetric catalysis. Part 137: Nickel catalysed enantioselective Î±-ketol rearrangement of 1-benzoylcycloalkanols. Tetrahedron: Asymmetry, 2001, 12, 497-499.	1.8	24
20	Inverted Piano Stools: A Molecular Recognition Motif That Enforces 1:1 Cocrystallization of Two Diastereomers in the Same Single Crystal. Angewandte Chemie - International Edition, 2003, 42, 1859-1862.	13.8	24
21	Methyl/Phenyl Attraction by CH/Ï€ Interaction in 1,2-Substitution Patterns. Journal of Organic Chemistry, 2014, 79, 11454-11462.	3.2	20
22	Enantioselective Hydrosilylation and Hydrogenation of Alkaloid Precursors. Archiv Der Pharmazie, 1988, 321, 73-76.	4.1	17
23	Rh(I)-Catalysed Asymmetric Hydrosilylation using New Oxazoline Ligands with Potential Charge-transfer Properties. European Journal of Inorganic Chemistry, 1998, 1998, 783-788.	2.0	17
24	Synthesis of the Stereoisomers of Methohexital by Palladium-Catalyzed Allylation. European Journal of Inorganic Chemistry, 1999, 1999, 51-59.	2.0	15
25	Optically active transition metal complexes. Part 133. Preparation, epimerization and crystallization of chiral-at-metal rhodium(III) half-sandwich complexes. Polyhedron, 2003, 22, 2639-2646.	2.2	15
26	Enantioselective catalysis. Part 142: Carbohydrate-derived oxime ethers from functionalised aldehydes and O-Î²-d-glucopyranosylhydroxylamineâ€"new Cî˜...N ligands stable towards hydrolysis. Tetrahedron: Asymmetry, 2001, 12, 2671-2675.	1.8	14
27	Dinuclear and Trinuclear Niâ^', Pdâ^', and Ptâ^'Halide Complexes of the Easily Accessible Chiral Ligand P,P,P-Tris[(+)-9-phenyldeltacyclan-8-yl]-1,2-bis(phosphanyl)benzene. European Journal of Inorganic Chemistry, 2002, 2002, 2603-2613.	2.0	14
28	Enantioselective Catalysis. 157 [1] Carbohydrate-Based, Water-Soluble Ligands for the Stereoselective Hydrogenation of Folic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2555-2562.	1.2	14
29	Silver(I) Complexes with [(C5H5)2MoH2] and [(C5H5)2WH2] Ligands. Chemistry - A European Journal, 1998, 4, 168-171.	3.3	13
30	Optisch aktive Ãœbergangsmetall-Komplexe, 122. Synthese von Palladium(II)-Schiff-Base-Komplexen -intramolekulare Wechselwirkungen / Optically Active Transition Metal Complexes, 122. Synthesis of Palladium (II) Complexes with Schiff Base Ligands -Intramolecular Interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 145-154.	0.7	13
31	Enantioselective Catalysis. Part 156 [1]. Ruthenium Procatalysts and 2-Pyridinealdehyde/(S)-NOBIN-Derived Cocatalysts in the Transfer Hydrogenation of Acetophenone with 2-Propanol. Monatshefte FÃ¼r Chemie, 2004, 135, 885.	1.8	12
32	NMR analysis of trinuclear silver(I) complexes with Î¼2-H bridged group VI metallocene hydrides as ligands and X-ray structure analysis of {[(Î·5-MeC5H4)2Mo(Î¼2-H)2]2Ag}PF6. Journal of Organometallic Chemistry, 1999, 579, 298-303.	1.8	11
33	The ligand [Cp2MoH2] in complexes with Ag_S bonds. Journal of Organometallic Chemistry, 2000, 609, 44-52.	1.8	11
34	Enantioselective catalysis. Journal of Organometallic Chemistry, 2003, 684, 6-12.	1.8	11
35	Cycloaddition reaction of schiff bases with ketenes generated by pyrolysis of 2â€arylâ€substituted 1,5,7â€trioxaspiro[2.5]octaneâ€4,8â€diones. Journal of Heterocyclic Chemistry, 2006, 43, 21-28.	2.6	11
36	Enhancement of Chiroptical Responses of transâ€Bis[(Î²â€iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. ChemistryOpen, 2022, 11, e202200061.	1.9	11

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37	Enhancement of Chiroptical Responses of transâ€Bis[(Î²â€iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. ChemistryOpen, 2022, 11, e202100277.	1.9	10
38	Asymmetrische Katalyse, 134 [1]. Naproxen-Derivate durch enantioselektive Decarboxylierung / Asymmetrische Katalyse, 134 [1]. Naproxen-Derivate durch enantioselektive Decarboxylierung. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 369-372.	0.7	9
39	Comment on â€œConformational analysis of triphenylphosphine ligands in stereogenic monometallic complexes: tools for predicting the preferred configuration of the triphenylphosphine rotorâ€•by J. F. Costello, S. G. Davies, E. T. F. Gould and J. E. Thomson, Dalton Trans., 2015, 44, 5451. Dalton Transactions, 2017, 46, 5103-5109.	3.3	9
40	Multi-colour circularly polarized luminescence properties of chiral Schiff-base boron difluoride complexes. Physical Chemistry Chemical Physics, 2022, 24, 15502-15510.	2.8	9
41	Optically active transition metal complexes. Part 131. Synthesis and epimerization of chiral-at-metal (Î·6-arene)ruthenium(II) and (Î·6-arene)osmium(II) half-sandwich complexes. Polyhedron, 2003, 22, 861-865.	2.2	8
42	Title is missing!. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1131-1135.	1.2	8
43	Enantioselektive Katalysen. 155 [1] (Cymol)Ruthenium-Halbsandwich-Komplexe mit Pyrroloxazolin-Ligandenâ€" Synthese, Stereochemie, Katalyse. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 91-96.	1.2	8
44	Enantioselective catalysis. Journal of Organometallic Chemistry, 1999, 577, 346-350.	1.8	7
45	Monomeric, dimeric and polymeric [Cp2MoH2] complexes with Agî—¸S bonds. Journal of Organometallic Chemistry, 2001, 630, 169-176.	1.8	7
46	Synthesis, Stereochemistry and Molecular Structures of Chiral-at-Metal (Cycloheptatrienyl)molybdenum Complexes Containing the Diphosphane Prophos. European Journal of Inorganic Chemistry, 2002, 2002, 2494-2501.	2.0	7
47	Invertierte â€œKlavierstÃ¼hleâ€•â€" ein molekulares Erkennungsmotiv, das die 1:1-Cokristallisation von zwei Diastereomeren im selben Einkristall erzwingt. Angewandte Chemie, 2003, 115, 1903-1907.	2.0	7
48	Change of the Fe Configuration in Chiral Halfâ€Sandwich Complexes Within the Solvent Cage. Angewandte Chemie - International Edition, 2012, 51, 1067-1070.	13.8	7
49	The Chirality Chain in Valine: How the Configuration at the C Î± Position through the O cis Câ€²C Î± N Torsional System Leads to Distortion of the Planar Group C Î± Câ€²(O cis)O trans to a Flat Tetrahedron. ChemistryOpen, 2018, 7, 696-700.	1.9	7
50	Circularly Polarized Luminescence of Chiral Platinum(II) Complexes with Tetradentate Salen Ligands. Chemistry Letters, 2022, 51, 832-835.	1.3	7
51	PPh₃ Propeller Diastereomers: Bonding Motif Ph_{PPh₃} Face-On Ï€-Ar in Half-Sandwich Compounds [(Ï€-Ar)LLâ€²MPPh₃]. ACS Omega, 2018, 3, 982-990.	3.5	6
52	Selective distortion of the planar group C Î± C'(O)O to a chiral flat tetrahedron in the amino acid alanine. Chirality, 2019, 31, 628-634.	2.6	6
53	Chiral Selectivity in the Achiral Amino Acid Glycine. Journal of Organic Chemistry, 2019, 84, 16199-16203.	3.2	6
54	Narcotic drug methohexital: Synthesis by enantioselective catalysis. Chirality, 2001, 13, 420-424.	2.6	5

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55	Double Porphyrin Platinum Conjugates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 751-756.	0.7	5
56	Asymmetric Catalysis. Part 149 [1]. Synthesis of New Chiral Tridentate Ligands for Enantioselective Catalysis. Monatshefte FÃ¼r Chemie, 2003, 134, 1253-1269.	1.8	5
57	Chirality in amino acids beyond the C Î± configuration. Chirality, 2019, 31, 635-640.	2.6	5
58	Stereochemical Exploitation of the Chiral (+)-9-Phenyldeltacyclanyl Substituent in Diphosphanes and Their Ni, Pd and Pt Complexes. European Journal of Inorganic Chemistry, 2002, 2002, 2594-2602.	2.0	4
59	Asymmetric Catalysis, 154 [1]. New 1,1â€™-Binaphthyl Ligands for Enantioselective Catalysis. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 821-826.	0.7	4
60	Rotation about a Covalent Bond and Pyramidalization of an Adjacent sp2 Center are a Synchronized Molecular Motion. Journal of Organic Chemistry, 2021, 86, 10420-10426.	3.2	3
61	Naproxen Derivatives by Enantioselective Decarboxylation. European Journal of Organic Chemistry, 2000, 2000, 2119-2133.	2.4	3
62	Kinetic and Thermodynamic Control of Nitrile Dissociation in the Complexes (RFe,RC)/(SFe,RC)-[CpFe(Prophos)NCR]X (X = I, PF6) by the Inductive Effect. Organometallics, 2018, 37, 1892-1899.	2.3	2
63	Chirality of the Conformation Attacks the Planarity of the sp² Carbon Atom in a Covalent Bond. Journal of Organic Chemistry, 2021, 86, 10414-10419.	3.2	2
64	Title is missing!. European Journal of Inorganic Chemistry, 1998, 1998, 1877-1881.	2.0	2
65	A Chirality Chain in Phenylglycine, Phenylpropionic Acid, and Ibuprofen. Symmetry, 2021, 13, 55.	2.2	2
66	Bond Lengths Coâ€“C(CO), Coâ€“N(NO) and Angles Lâ€“Coâ€“C(CO), Lâ€“Coâ€“N(NO) in Tetrahedral Complexesâ<. European Journal of Inorganic Chemistry, 1998, 1998, 1871-1876.	2.0	1
67	Enantioselective Catalysis, 139 [1]. A Chiral Cyclic Amidine Containing a Pyridine Substituent - Synthesis, Coordination Chemistry, Catalysis. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 975-978.	0.7	1
68	Co-Crystallization of Half-Sandwich (R M ,R C)/(S M ,R C) Diastereomers in Single Crystals. European Journal of Inorganic Chemistry, 2016, 2016, 5400-5400.	2.0	1
69	Co-Crystallization of Half-Sandwich (RM,RC)/(SM,RC) Diastereomers in Single Crystals. European Journal of Inorganic Chemistry, 2016, 2016, 5405-5410.	2.0	1
70	Naproxen Derivatives by Enantioselective Decarboxylation. , 2000, 2000, 2119.		1
71	Die Spirale â€•Hier kommt Hilfe. Nachrichten Aus Der Chemie, 2002, 50, 61-61.	0.0	0
72	Optically Active Transition Metal Compounds, 136 [1]. An Octahedral Molybdenum Complex (P-Pâ€™)Mo(CO)4 with a Chiral Secondary Phosphorus Atom. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 889-892.	0.7	0

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73	Synthesis and structural characterization of Ni(II) complexes with the chiral CpH(PNMent) tripod ligand. Journal of Coordination Chemistry, 2017, 70, 3459-3470.	2.2	0
74	Trendâ€Analysis of Solidâ€State Structures: Lowâ€Energy Conformational â€˜Reactionsâ€™ Involving Directed and Coupled Movements in Halfâ€Sandwich Compounds [CpFe(CO){C(=O)R}PPh₃]. ChemistryOpen, 2018, 7, 313-318.	1.9	0
75	Trend-Analysis of Solid-State Structures: Low-Energy Conformational â€˜Reactionsâ€™ Involving Directed and Coupled Movements in Half-Sandwich Compounds [CpFe(CO){C(=O)R}PPh3]. ChemistryOpen, 2018, 7, 312-312.	1.9	0