

Henri Brunner

List of Publications by Year in descending order

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75
papers

1,683
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331670

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Enhancement of Chiroptical Responses of <i>trans</i> -Bis[(² -iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. <i>ChemistryOpen</i> , 2022, 11, e202100277. | 1.9 | 10 |
| 2 | Enhancement of Chiroptical Responses of <i>trans</i> -Bis[(² -iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. <i>ChemistryOpen</i> , 2022, 11, e202200061. | 1.9 | 11 |
| 3 | Circularly Polarized Luminescence of Chiral Platinum(II) Complexes with Tetradentate Salen Ligands. <i>Chemistry Letters</i> , 2022, 51, 832-835. | 1.3 | 7 |
| 4 | Multi-colour circularly polarized luminescence properties of chiral Schiff-base boron difluoride complexes. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15502-15510. | 2.8 | 9 |
| 5 | Rotation about a Covalent Bond and Pyramidalization of an Adjacent sp ² Center are a Synchronized Molecular Motion. <i>Journal of Organic Chemistry</i> , 2021, 86, 10420-10426. | 3.2 | 3 |
| 6 | Chirality of the Conformation Attacks the Planarity of the sp ² Carbon Atom in a Covalent Bond. <i>Journal of Organic Chemistry</i> , 2021, 86, 10414-10419. | 3.2 | 2 |
| 7 | A Chirality Chain in Phenylglycine, Phenylpropionic Acid, and Ibuprofen. <i>Symmetry</i> , 2021, 13, 55. | 2.2 | 2 |
| 8 | Selective distortion of the planar group C [±] C'(O)O to a chiral flat tetrahedron in the amino acid alanine. <i>Chirality</i> , 2019, 31, 628-634. | 2.6 | 6 |
| 9 | Chirality in amino acids beyond the C [±] configuration. <i>Chirality</i> , 2019, 31, 635-640. | 2.6 | 5 |
| 10 | Chiral Selectivity in the Achiral Amino Acid Glycine. <i>Journal of Organic Chemistry</i> , 2019, 84, 16199-16203. | 3.2 | 6 |
| 11 | PPh ₃ Propeller Diastereomers: Bonding Motif Ph ₃ PPh ₃ Face-On η^5 -Ar in Half-Sandwich Compounds [(η^5 -Ar)LL ² MPPPh ₃]. <i>ACS Omega</i> , 2018, 3, 982-990. | 3.5 | 6 |
| 12 | Trend-Analysis of Solid-State Structures: Low-Energy Conformational "Reactions" Involving Directed and Coupled Movements in Half-Sandwich Compounds [CpFe(CO){C(=O)R}PPh ₃]. <i>ChemistryOpen</i> , 2018, 7, 313-318. | 1.9 | 0 |
| 13 | Trend-Analysis of Solid-State Structures: Low-Energy Conformational "Reactions" Involving Directed and Coupled Movements in Half-Sandwich Compounds [CpFe(CO){C(=O)R}PPh ₃]. <i>ChemistryOpen</i> , 2018, 7, 312-312. | 1.9 | 0 |
| 14 | The Chirality Chain in Valine: How the Configuration at the C [±] Position through the O cis C [±] N Torsional System Leads to Distortion of the Planar Group C [±] C [±] (O cis)O trans to a Flat Tetrahedron. <i>ChemistryOpen</i> , 2018, 7, 696-700. | 1.9 | 7 |
| 15 | Kinetic and Thermodynamic Control of Nitrile Dissociation in the Complexes (RFe,RC)/(SFe,RC)-[CpFe(Prophos)NCR]X (X = I, PF ₆) by the Inductive Effect. <i>Organometallics</i> , 2018, 37, 1892-1899. | 2.3 | 2 |
| 16 | Comment on "Conformational analysis of triphenylphosphine ligands in stereogenic monometallic complexes: tools for predicting the preferred configuration of the triphenylphosphine rotor" by J. F. Costello, S. G. Davies, E. T. F. Gould and J. E. Thomson, <i>Dalton Trans.</i> , 2015, 44, 5451. <i>Dalton Transactions</i> , 2017, 46, 5103-5109. | 3.3 | 9 |
| 17 | Synthesis and structural characterization of Ni(II) complexes with the chiral CpH(PNMENT) tripod ligand. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3459-3470. | 2.2 | 0 |
| 18 | Co-Crystallization of Half-Sandwich (R ₃ M,R ₃ C)/(S ₃ M,R ₃ C) Diastereomers in Single Crystals. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5400-5400. | 2.0 | 1 |

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|----|--|------|-----------|
| 19 | Co-Crystallization of Half-Sandwich (RM,RC)/(SM,RC) Diastereomers in Single Crystals. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5405-5410. | 2.0 | 1 |
| 20 | Methyl/Phenyl Attraction by CH/π Interaction in 1,2-Substitution Patterns. <i>Journal of Organic Chemistry</i> , 2014, 79, 11454-11462. | 3.2 | 20 |
| 21 | Change of the Fe Configuration in Chiral Half-Sandwich Complexes Within the Solvent Cage. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1067-1070. | 13.8 | 7 |
| 22 | Ligand Dissociation: Planar or Pyramidal Intermediates?. <i>Accounts of Chemical Research</i> , 2009, 42, 1501-1510. | 15.6 | 36 |
| 23 | Cycloaddition reaction of schiff bases with ketenes generated by pyrolysis of 2-aryl-substituted 1,5,7-trioxaspiro[2.5]octane-4,8-diones. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 21-28. | 2.6 | 11 |
| 24 | Enantioselective Catalysis. 157 [1] Carbohydrate-Based, Water-Soluble Ligands for the Stereoselective Hydrogenation of Folic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2555-2562. | 1.2 | 14 |
| 25 | Optically Active Transition Metal Compounds, 136 [1]. An Octahedral Molybdenum Complex (P-Pâ™)Mo(CO) ₄ with a Chiral Secondary Phosphorus Atom. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 889-892. | 0.7 | 0 |
| 26 | Enantioselective Catalysis. Part 156 [1]. Ruthenium Procatalysts and 2-Pyridinealdehyde/(S)-NOBIN-Derived Cocatalysts in the Transfer Hydrogenation of Acetophenone with 2-Propanol. <i>Monatshefte Für Chemie</i> , 2004, 135, 885. | 1.8 | 12 |
| 27 | Enantioselective Katalysen. 155 [1] (Cymol)Ruthenium-Halbsandwich-Komplexe mit Pyrroloxazolin-Ligandenâ” Synthese, Stereochemie, Katalyse. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 91-96. | 1.2 | 8 |
| 28 | A New Hydrosilylation Mechanismâ”New Preparative Opportunities. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2749-2750. | 13.8 | 67 |
| 29 | Carboplatin derivatives with superior antitumor activity compared to the parent compound. <i>Inorganica Chimica Acta</i> , 2004, 357, 4452-4466. | 2.4 | 28 |
| 30 | Carboplatin-containing porphyrinâ”platinum complexes as cytotoxic and phototoxic antitumor agents. <i>Inorganica Chimica Acta</i> , 2004, 357, 4423-4451. | 2.4 | 51 |
| 31 | Asymmetric Catalysis. Part 149 [1]. Synthesis of New Chiral Tridentate Ligands for Enantioselective Catalysis. <i>Monatshefte Für Chemie</i> , 2003, 134, 1253-1269. | 1.8 | 5 |
| 32 | Î±-Amino Acid Derivatives by Enantioselective Decarboxylation. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2854-2862. | 2.4 | 43 |
| 33 | Highly Enriched Mixtures of Methohexital Stereoisomers by Palladium-Catalyzed Allylation and Their Anaesthetic Activity. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 855-862. | 2.4 | 25 |
| 34 | Invertierte âœKlavierstÃ¼hleâœ ein molekulares Erkennungsmotiv, das die 1:1-Cokristallisation von zwei Diastereomeren im selben Einkristall erzwingt. <i>Angewandte Chemie</i> , 2003, 115, 1903-1907. | 2.0 | 7 |
| 35 | Inverted Piano Stools: A Molecular Recognition Motif That Enforces 1:1 Cocrystallization of Two Diastereomers in the Same Single Crystal. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1859-1862. | 13.8 | 24 |
| 36 | Enantioselective catalysis. <i>Journal of Organometallic Chemistry</i> , 2003, 684, 6-12. | 1.8 | 11 |

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|----|---|-----|-----------|
| 37 | Optically active transition metal complexes. Part 131. Synthesis and epimerization of chiral-at-metal (η^6 -arene)ruthenium(II) and (η^6 -arene)osmium(II) half-sandwich complexes. <i>Polyhedron</i> , 2003, 22, 861-865. | 2.2 | 8 |
| 38 | Optically active transition metal complexes. Part 133. Preparation, epimerization and crystallization of chiral-at-metal rhodium(III) half-sandwich complexes. <i>Polyhedron</i> , 2003, 22, 2639-2646. | 2.2 | 15 |
| 39 | Enantioselective catalysis. Part 148: Carbohydrate-derived oxime ethers stable towards hydrolysis—syntheses of ligands and complexes and a study of their catalytic properties. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1115-1122. | 1.8 | 26 |
| 40 | Asymmetric catalysis. Part 153: Metal-catalysed enantioselective α -ketol rearrangement. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2177-2187. | 1.8 | 61 |
| 41 | Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 1131-1135. | 1.2 | 8 |
| 42 | Asymmetric Catalysis, 154 [1]. New 1,1'-Binaphthyl Ligands for Enantioselective Catalysis. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 821-826. | 0.7 | 4 |
| 43 | Die Spirale —Hier kommt Hilfe. <i>Nachrichten Aus Der Chemie</i> , 2002, 50, 61-61. | 0.0 | 0 |
| 44 | Double Porphyrin Platinum Conjugates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 751-756. | 0.7 | 5 |
| 45 | Synthesis, Stereochemistry and Molecular Structures of Chiral-at-Metal (Cycloheptatrienyl)molybdenum Complexes Containing the Diphosphane Propfos. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2494-2501. | 2.0 | 7 |
| 46 | Stereochemical Exploitation of the Chiral (+)-9-Phenyldeltacyclanyl Substituent in Diphosphanes and Their Ni, Pd and Pt Complexes. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2594-2602. | 2.0 | 4 |
| 47 | Dinuclear and Trinuclear Ni ²⁺ , Pd ²⁺ , and Pt ²⁺ Halide Complexes of the Easily Accessible Chiral Ligand P,P,P-Tris[(+)-9-phenyldeltacyclanyl]-1,2-bis(phosphanyl)benzene. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2603-2613. | 2.0 | 14 |
| 48 | 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-2-hydroxy-1,1'-binaphthyl (NOBIN) and 2-pyridinecarbaldehyde. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 37-42. | 1.8 | 55 |
| 49 | Monomeric, dimeric and polymeric [Cp ₂ MoH ₂] complexes with Ag ⁺ —S bonds. <i>Journal of Organometallic Chemistry</i> , 2001, 630, 169-176. | 1.8 | 7 |
| 50 | Asymmetric catalysis. Part 137: Nickel catalysed enantioselective α -ketol rearrangement of 1-benzoylcycloalkanols. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 497-499. | 1.8 | 24 |
| 51 | Enantioselective catalysis. Part 142: Carbohydrate-derived oxime ethers from functionalised aldehydes and O- β -D-glucopyranosylhydroxylamine—new C ⁺ ...N ligands stable towards hydrolysis. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2671-2675. | 1.8 | 14 |
| 52 | Narcotic drug methohexital: Synthesis by enantioselective catalysis. <i>Chirality</i> , 2001, 13, 420-424. | 2.6 | 5 |
| 53 | Stability of the Metal Configuration in Chiral-at-Metal Half-Sandwich Compounds. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 905-912. | 2.0 | 112 |
| 54 | Enantioselective Catalysis, 139 [1]. A Chiral Cyclic Amidine Containing a Pyridine Substituent - Synthesis, Coordination Chemistry, Catalysis. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 975-978. | 0.7 | 1 |

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|----|--|------|-----------|
| 55 | Naproxen Derivatives by Enantioselective Decarboxylation. European Journal of Organic Chemistry, 2000, 2000, 2119-2133. | 2.4 | 88 |
| 56 | Metal-Catalyzed Enantioselective α -Ketol Rearrangements. European Journal of Organic Chemistry, 2000, 2000, 2777-2786. | 2.4 | 33 |
| 57 | Optically active transition-metal complexes. Journal of Organometallic Chemistry, 2000, 601, 211-219. | 1.8 | 46 |
| 58 | The ligand [Cp ₂ MoH ₂] in complexes with Ag...S bonds. Journal of Organometallic Chemistry, 2000, 609, 44-52. | 1.8 | 11 |
| 59 | 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 |
| 60 | Optisch aktive α -bergangsmetall-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 |
| 61 | Naproxen Derivatives by Enantioselective Decarboxylation. , 2000, 2000, 2119. | | 1 |
| 62 | Naproxen Derivatives by Enantioselective Decarboxylation. European Journal of Organic Chemistry, 2000, 2000, 2119-2133. | 2.4 | 3 |
| 63 | NMR analysis of trinuclear silver(I) complexes with η^2 -H bridged group VI metallocene hydrides as ligands and X-ray structure analysis of $\{[(\eta^5\text{-MeC}_5\text{H}_4)_2\text{Mo}(\eta^2\text{-H})_2]_2\text{Ag}\}\text{PF}_6$. Journal of Organometallic Chemistry, 1999, 579, 298-303. | 1.8 | 11 |
| 64 | Enantioselective catalysis. Journal of Organometallic Chemistry, 1999, 577, 346-350. | 1.8 | 7 |
| 65 | Synthesis of the Stereoisomers of Methohexital by Palladium-Catalyzed Allylation. European Journal of Inorganic Chemistry, 1999, 1999, 51-59. | 2.0 | 15 |
| 66 | Optically Active Organometallic Compounds of Transition Elements with Chiral Metal Atoms. Angewandte Chemie - International Edition, 1999, 38, 1194-1208. | 13.8 | 309 |
| 67 | Enantioselective Palladium-Catalysed Allylation of 1,5-Dimethylbarbituric Acid. European Journal of Inorganic Chemistry, 1998, 1998, 43-54. | 2.0 | 35 |
| 68 | 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 |
| 69 | 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 |
| 70 | Bond Lengths Co-C(CO), Co-N(NO) and Angles C-Co-C(CO), C-Co-N(NO) in Tetrahedral Complexes. European Journal of Inorganic Chemistry, 1998, 1998, 1871-1876. | 2.0 | 1 |
| 71 | Silver(I) Complexes with [(C ₅ H ₅) ₂ MoH ₂] and [(C ₅ H ₅) ₂ WH ₂] Ligands. Chemistry - A European Journal, 1998, 4, 168-171. | 3.3 | 13 |
| 72 | Enantioselective catalysis. Journal of Organometallic Chemistry, 1998, 553, 285-306. | 1.8 | 45 |

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|----|---|-----|-----------|
| 73 | Title is missing!. European Journal of Inorganic Chemistry, 1998, 1998, 1877-1881. | 2.0 | 2 |
| 74 | Enantioselective Hydrosilylation and Hydrogenation of Alkaloid Precursors. Archiv Der Pharmazie, 1988, 321, 73-76. | 4.1 | 17 |
| 75 | Solid-state conformations of compounds (arene)L ₂ MP(C ₆ H ₅) ₃ and (arene)LL'MP(C ₆ H ₅) ₃ . Organometallics, 1985, 4, 1063-1068. | 2.3 | 26 |