

Akihiro Tsurusaki

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,095
citations

471509

17
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395702

33
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45
all docs

45
docs citations

45
times ranked

1048
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synthesis, Structures, and Properties of Hexapole Helicenes: Assembling Six [5]Helicene Substructures into Highly Twisted Aromatic Systems. <i>Journal of the American Chemical Society</i> , 2017, 139, 18512-18521. | 13.7 | 193 |
| 2 | Highly Chemo- and Enantioselective Arylative Cyclization of Alkyne-Tethered Electron-Deficient Olefins Catalyzed by Rhodium Complexes with Chiral Dienes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3909-3912. | 13.8 | 126 |
| 3 | Carbon Dioxide to Methanol: The Aqueous Catalytic Way at Room Temperature. <i>Chemistry - A European Journal</i> , 2016, 22, 15605-15608. | 3.3 | 94 |
| 4 | Direction to practical production of hydrogen by formic acid dehydrogenation with Cp*Ir complexes bearing imidazoline ligands. <i>Catalysis Science and Technology</i> , 2016, 6, 988-992. | 4.1 | 69 |
| 5 | Enantioselective Synthesis of Triple Helicenes by Cross-Cyclotrimerization of a Helicenyl Aryne and Alkynes via Dynamic Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 10025-10033. | 13.7 | 67 |
| 6 | Investigation of Hydrogenation of Formic Acid to Methanol using H ₂ or Formic Acid as a Hydrogen Source. <i>ACS Catalysis</i> , 2017, 7, 1123-1131. | 11.2 | 65 |
| 7 | Cyclopentasilane-Fused Hexasilabenzvalene. <i>Journal of the American Chemical Society</i> , 2013, 135, 16340-16343. | 13.7 | 64 |
| 8 | Multiple Helicenes Featuring Synthetic Approaches and Molecular Structures. <i>Chemistry Letters</i> , 2021, 50, 1913-1932. | 1.3 | 41 |
| 9 | Efficient Cp*Ir Catalysts with Imidazoline Ligands for CO ₂ Hydrogenation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5591-5594. | 2.0 | 39 |
| 10 | Synthesis of 1-Phospha-2-boraacenaphthenes: Reductive 1,2-Aryl Migration of 1-Diarylboryl-8-dichlorophosphinonaphthalenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10940-10943. | 13.8 | 38 |
| 11 | Tetrasilane-Bridged Bicyclo[4.1.0]heptasil-1(6)-ene. <i>Journal of the American Chemical Society</i> , 2014, 136, 12896-12898. | 13.7 | 35 |
| 12 | Synthesis and Structure of a 1-Phospha-2-boraacenaphthene Derivative and Its Chalcogenation Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 3752-3758. | 3.3 | 31 |
| 13 | Synthesis and Properties of 9-Anthryldiphosphene. <i>Chemistry Letters</i> , 2006, 35, 1382-1383. | 1.3 | 22 |
| 14 | Decasilahexahydrotriquinacene and Decasilaisotwistane: π Conjugation on a Bowl Surface. <i>Journal of the American Chemical Society</i> , 2017, 139, 3982-3985. | 13.7 | 19 |
| 15 | Synthesis, Structures, and Reactivity of Kinetically Stabilized Anthryldiphosphene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 456-478. | 3.2 | 18 |
| 16 | Synthesis, Structure, and Complexation of an S-Shaped Double Azahelicene with Inner-Edge Nitrogen Atoms. <i>Chemistry - A European Journal</i> , 2020, 26, 13170-13176. | 3.3 | 15 |
| 17 | A Unique Thermal Reaction of 9-Anthryldiphosphene Leading to the Formation of a Triphosphirane Derivative. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 979-986. | 1.6 | 12 |
| 18 | The Radical Anion of Cyclopentasilane-Fused Hexasilabenzvalene. <i>Chemistry - A European Journal</i> , 2016, 22, 134-137. | 3.3 | 12 |

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|----|--|-----|-----------|
| 19 | Two Pentasilahousanes Fused Together. <i>Chemistry - A European Journal</i> , 2014, 20, 9263-9266. | 3.3 | 10 |
| 20 | A Gold(I) Complex with a 1,1'-Binaphthyl-Substituted Diphosphene: Synthesis, Structure, and Catalytic Application to Intramolecular Hydroarylation Reactions. <i>Organometallics</i> , 2020, 39, 87-92. | 2.3 | 10 |
| 21 | 1,1'-Binaphthyl-substituted diphosphene: synthesis, structures, and chiral optical properties. <i>Dalton Transactions</i> , 2018, 47, 4437-4441. | 3.3 | 8 |
| 22 | Synthesis, Structures, and Electronic Properties of Dithienosiloles Bearing Bulky Aryl Groups: Conjugation between a π -Electron System and σ -Perpendicular Aryl Groups. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 737-745. | 2.7 | 7 |
| 23 | Synthesis of Substituted Helicenes by Ir-Catalyzed Annulative Coupling of Biarylcarboxylic Acid Chlorides with Alkynes. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1069-1074. | 3.2 | 7 |
| 24 | Dibenzo[<i>b,e</i>]phosphindolizines synthesized by a ring-closing metathesis of benzo[<i>b</i>]phospholes with two vinyl tethers. <i>Chemical Communications</i> , 2019, 55, 4909-4912. | 4.1 | 7 |
| 25 | Assembly of [5]Helicene Subunits by Palladium-Catalyzed Reactions: Synthesis, Structures, Properties, and Theoretical Study of Multiple Helicenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020, 78, 1013-1020. | 0.1 | 7 |
| 26 | [4+2] Cycloaddition of 9-Anthryldiphosphene with Electron-Deficient Olefins: Transformation of a Diaryldiphosphene to Alkylaryldiphosphenes. <i>Organometallics</i> , 2009, 28, 3604-3607. | 2.3 | 6 |
| 27 | Effect of Ring Sizes of Cyclooligosilanes on Construction of Organosilicon Clusters. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1290-1297. | 0.1 | 6 |
| 28 | Synthesis and structures of lithium alkoxytris(dimethylphenylsilyl)borates. <i>Dalton Transactions</i> , 2017, 46, 8705-8708. | 3.3 | 4 |
| 29 | Clusterization Effect on the ^{29}Si NMR Signal of a Spiro Silicon Atom. <i>Organometallics</i> , 2021, 40, 2852-2858. | 2.3 | 3 |
| 30 | Transformation from triple helicene to double helicene embedding adjacent stereogenic carbon atoms and axial stereogenicity. <i>Chemical Communications</i> , 2021, 57, 6600-6603. | 4.1 | 2 |
| 31 | Palladium(η^2) complexes of bis(diphosphene) with different coordination behaviors. <i>Dalton Transactions</i> , 2022, 51, 2943-2952. | 3.3 | 2 |
| 32 | Selenization and Tellurization Reactions of Kinetically Stabilized Dipnictenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 998-1002. | 1.6 | 1 |
| 33 | Metal-metal multiple bond formation induced by π -acceptor Lewis acid ligands. <i>Chemical Communications</i> , 2021, 57, 923-926. | 4.1 | 1 |
| 34 | Gold(I)-Catalyzed Intramolecular Hydroarylation of α -Ethynylarylphosphonium Salt Leading to the Formation of Seven- and Six-membered Phosphacycles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 154-159. | 2.7 | 1 |
| 35 | Highly Chemo- and Enantioselective Arylative Cyclization of Alkyne-Tethered Electron-Deficient Olefins Catalyzed by Rhodium Complexes with Chiral Dienes. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 36 | Effects of Perpendicular Aryl Groups on Electronic Properties and Complexation of 4,4-Dihydrodithienosilole. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1039-1046. | 3.2 | 0 |

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|----|--|-----|-----------|
| 37 | Synthesis, Structure, and Complexation of an Sâ€šhaped Double Azahelicene with Innerâ€šEdge Nitrogen Atoms. <i>Chemistry - A European Journal</i> , 2020, 26, 13107-13107. | 3.3 | 0 |
| 38 | The Chemistry of Novel Low-coordinated Silicon Compounds with Carbene Ligands. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015, 73, 78-79. | 0.1 | 0 |