

# Takashi Tsuno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7197464/publications.pdf>

Version: 2024-02-01

65  
papers

485  
citations

759233

12  
h-index

888059

17  
g-index

83  
all docs

83  
docs citations

83  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand Dissociation: Planar or Pyramidal Intermediates?. <i>Accounts of Chemical Research</i> , 2009, 42, 1501-1510.	15.6	36
2	Carboplatin derivatives with superior antitumor activity compared to the parent compound. <i>Inorganica Chimica Acta</i> , 2004, 357, 4452-4466.	2.4	28
3	Pyramidal Stability of Chiral-at-Metal Half-Sandwich 16-Electron Fragments [CpRu(P <sup>~</sup> P <sup>~</sup> )]. <i>Organometallics</i> , 2008, 27, 3514-3525.	2.3	21
4	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
5	Allenyl(vinyl)methane Photochemistry. <i>Photochemistry of Methyl 4,4-Dimethyl-2,5,6-heptatrienoate Derivatives</i> . <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 519-531.	3.2	18
6	Allenyl(vinyl)methane Photochemistry. <i>Photochemistry of 5-[2-(1,2-Propadienyl)-Substituted Alkylidene]-2,2-dimethyl-1,3-dioxane-4,6-diones</i> . <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 3175-3188.	3.2	17
7	Stabilization of the Labile Metal Configuration in Half-Sandwich Complexes with Tripod Ligands. <i>Organometallics</i> , 2004, 23, 4006-4008.	2.3	17
8	Chiral-at-Metal Compounds [CpFe(Prophos)L] (L = Cl, I, CN), [CpFe(Prophos)CO]X (X = I, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	2.3	15
9	Allenyl(vinyl)methane photochemistry. <i>Photochemistry of β<sup>3</sup>-(3-methyl-1-phenyl-1,2-butadienyl)-substituted β<sup>±</sup>,β<sup>2</sup>-unsaturated ester and nitrile derivatives</i> . <i>Tetrahedron</i> , 2001, 57, 4831-4840.	1.9	13
10	Diastereomer Ratio of Products as a Mechanistic Probe in Epimerization and Ligand Exchange of Chiral-at-Metal [CpFe(Prophos)NCMe]X (X = I, PF6). <i>Organometallics</i> , 2011, 30, 3666-3676.	2.3	13
11	Photochemistry of Isopropylidene 3,3,6-Trimethyl-1,4,5-heptatriene-1,1-dicarboxylate and Its Homologues. <i>Chemistry Letters</i> , 1991, 20, 503-506.	1.3	12
12	A Facile Epoxidation of 5-Methylene-1,3-dioxane-4,6-diones with Hydrogen Peroxide without Catalyst. <i>Heterocycles</i> , 1994, 38, 2631.	0.7	12
13	Stabilization of the labile metal configuration in halfsandwich complexes [CpRh(PN)Hal]X. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4244-4262.	1.8	12
14	Synthesis and structural characterization of isomeric palladium(II) complexes with chiral N,O-bidentate ligands. <i>Inorganica Chimica Acta</i> , 2013, 400, 262-266.	2.4	12
15	Control of the Conformation of M <sup>+</sup> Prophos Chelate Rings by CH/π Interactions. <i>Organometallics</i> , 2014, 33, 2257-2265.	2.3	12
16	Allenyl(vinyl)methane photochemistry. <i>Photochemistry of β<sup>3</sup>-allenyl-substituted β<sup>±</sup>,β<sup>2</sup>-unsaturated enone derivatives</i> . <i>Tetrahedron</i> , 2002, 58, 7681-7689.	1.9	11
17	Cycloaddition reaction of schiff bases with ketenes generated by pyrolysis of 2-aryl-5-substituted 1,5,7-trioxaspiro[2.5]octane-4,8-diones. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 21-28.	2.6	11
18	Enhancement of Chiroptical Responses of trans-Bis(β <sup>2</sup> -iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. <i>ChemistryOpen</i> , 2022, 11, e202200061.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Allenyl(vinyl)methane photochemistry. Photochemistry of 4,4,7-trimethyl-5-phenyl-2,5,6-octatrienate derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 1581-1584.	1.4	10
20	Enhancement of Chiroptical Responses of <i>trans</i> -Bis[( $\lambda^2$ -iminomethyl)naphthoxy]platinum(II) Complexes with Distorted Square Planar Coordination Geometry. <i>ChemistryOpen</i> , 2022, 11, e202100277.	1.9	10
21	Cyclopentadienyl/Phenyl Attraction in CpM <sup>+</sup> -Ph Compounds by CH/π Interactions. <i>Organometallics</i> , 2015, 34, 1287-1293.	2.3	9
22	CH/π-stabilization controls the architecture of the PPh <sub>3</sub> propeller in transition-metal complexes. CH/π- and Cl/π-interactions determine its orientation within the molecule. <i>Inorganica Chimica Acta</i> , 2016, 446, 132-142.	2.4	9
23	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
24	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
25	Photochemistry of <i>o</i> -methyl-substituted aromatic ketone with 5-isobutylidene-1,3-dioxane-4,6-dione derivatives. <i>Tetrahedron Letters</i> , 1992, 33, 2829-2832.	1.4	8
26	Pyramidal Stability of 16-Electron Half-Sandwich Intermediates [CpRu(P <sup>+</sup> P)] <sup>+</sup> with P <sup>+</sup> P Ligands Forming Four- to Six-Membered Chelate Rings. <i>Organometallics</i> , 2010, 29, 428-435.	2.3	8
27	Addition Reaction of Photoenols from <i>o</i> -Methyl-substituted Aromatic Ketones with 5-Alkylidene-1,3-dioxane-4,6-dione Derivatives. <i>Heterocycles</i> , 1994, 38, 859.	0.7	8
28	Photochemistry of <i>g</i> -Allenyl-substituted Conjugated Alkylidenecycloalkanones. <i>Heterocycles</i> , 1994, 38, 1721.	0.7	8
29	Diels-Alder Reaction of Photoenol of 2-Methylbenzaldehyde with 5-Alkylidene-1,3-dioxane-4,6-dione Derivatives. <i>Heterocycles</i> , 1991, 32, 1989.	0.7	7
30	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
31	The Chirality Chain in Valine: How the Configuration at the C <sup>±</sup> Position through the O cis C <sup>±</sup> C <sup>±</sup> N Torsional System Leads to Distortion of the Planar Group C <sup>±</sup> C <sup>±</sup> (O cis)O trans to a Flat Tetrahedron. <i>ChemistryOpen</i> , 2018, 7, 696-700.	1.9	7
32	Sign control of circularly polarized luminescence of chiral Schiff-base Zn( <sup>ii</sup> ) complexes through coordination geometry changes. <i>Chemical Communications</i> , 2022, 58, 7503-7506.	4.1	7
33	Circularly Polarized Luminescence of Chiral Platinum(II) Complexes with Tetradentate Salen Ligands. <i>Chemistry Letters</i> , 2022, 51, 832-835.	1.3	7
34	Synthesis of chiral-at-metal half-sandwich ruthenium(II) complexes with the CpH(PNMENT) tripod ligand. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2739-2747.	1.8	6
35	PPh <sub>3</sub> Propeller Diastereomers: Bonding Motif Ph <sub>3</sub> PPh <sub>3</sub> Face-On π-Ar in Half-Sandwich Compounds [(π-Ar)LL <sup>2</sup> MPPh <sub>3</sub> ]. <i>ACS Omega</i> , 2018, 3, 982-990.	3.5	6
36	Selective distortion of the planar group C <sup>±</sup> C'(O)O to a chiral flat tetrahedron in the amino acid alanine. <i>Chirality</i> , 2019, 31, 628-634.	2.6	6

#	ARTICLE	IF	CITATIONS
37	Chiral Selectivity in the Achiral Amino Acid Glycine. <i>Journal of Organic Chemistry</i> , 2019, 84, 16199-16203.	3.2	6
38	Tuning the Dissociation of the Fe $\sigma$ -PPh <sub>2</sub> (OR) Bond in Chiral-at-Metal Complexes [CpFe(Prophos)PPh <sub>2</sub> (OR)]PF <sub>6</sub> (R = Me, Et, <i>i</i> -Pr, <i>t</i> -Bu). The Preparative Trick of N <sub>2</sub> Bubbling. <i>Organometallics</i> , 2013, 32, 4904-4911.	2.3	5
39	Chirality in Distorted Square Planar Pd(O,N) <sub>2</sub> Compounds. <i>Chirality</i> , 2013, 25, 663-667.	2.6	5
40	Chirality in amino acids beyond the C $\pm$ configuration. <i>Chirality</i> , 2019, 31, 635-640.	2.6	5
41	Allenyl(vinyl)methane Photochemistry. <i>Photochemistry of 2-(3,4-Pentadienylidene)indan-1,3-dione Derivatives</i> . <i>Heterocycles</i> , 2002, 57, 2129.	0.7	4
42	16- and 17-Electron Intermediates in the MeCN/RNC Exchange in Chiral-at-Metal [CpFe(Prophos)NCMe]X (X = I, PF <sub>6</sub> ). <i>Organometallics</i> , 2012, 31, 3395-3401.	2.3	3
43	Rotation about a Covalent Bond and Pyramidalization of an Adjacent sp <sup>2</sup> Center are a Synchronized Molecular Motion. <i>Journal of Organic Chemistry</i> , 2021, 86, 10420-10426.	3.2	3
44	Epoxidation of 5-Alkylidene and 5-Benzylidene Substituted 1,3-Dioxane-4,6-dione Derivatives by Hydrogen Peroxide without Catalyst. <i>Heterocycles</i> , 1990, 31, 1581.	0.7	3
45	Kinetic and Thermodynamic Control of Nitrile Dissociation in the Complexes (RFe,RC)/(SFe,RC)-[CpFe(Prophos)NCR]X (X = I, PF <sub>6</sub> ) by the Inductive Effect. <i>Organometallics</i> , 2018, 37, 1892-1899.	2.3	2
46	Chirality of the Conformation Attacks the Planarity of the sp <sup>2</sup> Carbon Atom in a Covalent Bond. <i>Journal of Organic Chemistry</i> , 2021, 86, 10414-10419.	3.2	2
47	A Chirality Chain in Phenylglycine, Phenylpropionic Acid, and Ibuprofen. <i>Symmetry</i> , 2021, 13, 55.	2.2	2
48	Synthesis and structural characterization of bis[(4S,5R)-4-methoxycarbonyl-5-methyl-1,3-oxazolidine]copper(II) dichloride and bis[(4S,5R)-4-methoxycarbonyl-5-methyl-2-oxazoline]-[(4S,5R)-4-methoxycarbonyl-5-methyl-1,3-oxazolidine]ruthenium(III) trichloride. <i>Inorganica Chimica Acta</i> , 2012, 392, 331-334.	2.4	1
49	Co-Crystallization of Half-Sandwich (R <sub>M</sub> ,R <sub>C</sub> )/(S <sub>M</sub> ,R <sub>C</sub> ) Diastereomers in Single Crystals. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5400-5400.	2.0	1
50	Co-Crystallization of Half-Sandwich (R <sub>M</sub> ,R <sub>C</sub> )/(S <sub>M</sub> ,R <sub>C</sub> ) Diastereomers in Single Crystals. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5405-5410.	2.0	1
51	Kinetics of the S <sub>N</sub> 1 Dissociation of Ligands L (Nitriles, Phosphines) in the Complexes [CpFe(P-P)L]PF <sub>6</sub> with Variable Chelate Ring Size. A Surprising Bimolecular Substitution in the Nonchelate Complex [CpFe(PPh <sub>2</sub> Me) <sub>2</sub> ]PF <sub>6</sub> . <i>Organometallics</i> , 2017, 36, 2424-2436.	2.3	1
52	Alkenes, alkynes, dienes, polyenes. <i>Photochemistry</i> , 2016, , 61-131.	0.2	1
53	Alkenes, alkynes, dienes, polyenes. <i>Photochemistry</i> , 2010, , 110-142.	0.2	1
54	Twofold and Threefold Sinusoidal Patterns in Coupled Molecular Motions of 184,025 Structures of Phenylethane, Nitroethane, and Carboxylate Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 7798-7805.	3.2	1

#	ARTICLE	IF	CITATIONS
55	The Photochemical Reactivity of the Allenyl-Vinyl Methane System. ChemInform, 2004, 35, no.	0.0	0
56	Alkenes, alkynes, dienes, polyenes. Photochemistry, 0, , 73-105.	0.2	0
57	Chapter 3. Alkenes, alkynes, dienes, polyenes. Photochemistry, 2014, , 43-88.	0.2	0
58	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
59	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 <sub>3</sub> ]. ChemistryOpen, 2018, 7, 313-318.	1.9	0
60	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 <sub>3</sub> ]. ChemistryOpen, 2018, 7, 312-312.	1.9	0
61	Development of Data Utilization Platform for Utilizing a Large Amount of Various Data of Business Systems in the Railway Field. , 2019, , .		0
62	The Photochemical Reactivity of the Allenyl-Vinyl Methane System. , 2003, , .		0
63	Organic aspects: photochemistry of alkenes, dienes, polyenes (2016-2017). Photochemistry, 2018, , 78-115.	0.2	0
64	Data Utilization Platform for Understanding, Utilizing, and Simply Analyzing Various Data of Business Systems in the Railway Field. SICE Journal of Control Measurement and System Integration, 2020, 13, 77-83.	0.7	0
65	Organic aspects: photochemistry of alkenes, dienes, polyenes (2018-2019). Photochemistry, 2020, , 71-112.	0.2	0