

Shin-ichi Fujiwara

List of Publications by Year in descending order

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72
papers

1,120
citations

361045

20
h-index

454577

30
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92
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92
docs citations

92
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(I)-Catalyzed Highly Efficient Synthesis of Benzoselenazoles and Benzotellurazoles. <i>Journal of Organic Chemistry</i> , 2007, 72, 8087-8090.	1.7	79
2	Novel selenium catalyzed synthesis of isothiocyanates from isocyanides and elemental sulfur. <i>Tetrahedron Letters</i> , 1991, 32, 3503-3506.	0.7	66
3	Platinum-Catalyzed Intramolecular Vinylchalcogenation of Alkynes with \hat{I}^2 -Phenylchalcogeno Conjugated Amides. <i>Journal of the American Chemical Society</i> , 2008, 130, 10504-10505.	6.6	52
4	A Zinc(II)-Included Hemicryptophane: Facile Synthesis, Characterization, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2010, 49, 7220-7222.	1.9	52
5	Palladium-Catalyzed Selenoacylation of Allenes Leading to the Regioselective Formation of Functionalized Allyl Selenides. <i>Organic Letters</i> , 2008, 10, 3957-3960.	2.4	48
6	Acid-Labile mPEG- \hat{I}^2 -Vinyl Ether- \hat{I}^2 -1,2-Dioleoylglycerol Lipids with Tunable pH Sensitivity: Synthesis and Structural Effects on Hydrolysis Rates, DOPE Liposome Release Performance, and Pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2012, 9, 3266-3276.	2.3	44
7	Carbamoyllithiums. A Novel Method for Generation by Lithium-Tellurium Exchange Reaction. <i>Synthetic Communications</i> , 1990, 20, 703-711.	1.1	38
8	Photoinduced Group Transfer Radical Addition of Carbamotelluroates to Acetylenes. <i>Organic Letters</i> , 2001, 3, 2085-2088.	2.4	36
9	A marvelous catalysis of tellurium in the formation of isothiocyanates from isocyanides and sulfur. <i>Tetrahedron Letters</i> , 1992, 33, 7021-7024.	0.7	35
10	Synthesis of 1,3-selenazoles and 2-imidazolin-5-selones from isoselenocyanates and isocyanides. <i>Tetrahedron</i> , 1997, 53, 13667-13680.	1.0	35
11	Stereoselective Synthesis of New Selenium-Containing Heterocycles by Cyclocarbonylation of Aminoalkynes with Carbon Monoxide and Selenium. <i>Journal of Organic Chemistry</i> , 2002, 67, 6275-6278.	1.7	35
12	Thio-, Seleno-, and Telluro-Carboxylic Acid Esters. <i>Topics in Current Chemistry</i> , 0, , 87-140.	4.0	33
13	Selenoimidoylation of Alcohols with Selenium and Isocyanides and Its Application to the Synthesis of Selenium-Containing Heterocycles. <i>Journal of Organic Chemistry</i> , 2004, 69, 4845-4848.	1.7	32
14	Pd-catalyzed thiocarbamoylation of terminal alkynes with sulfenamide and carbon monoxide. <i>Tetrahedron Letters</i> , 2006, 47, 1141-1144.	0.7	31
15	Platinum-Catalyzed Reaction of Alkynes with ArI (Ar = aryl and thienyl) and Ar \hat{I}^2 -SM (M = Na, K, and) Tj ETQq1 1 0.784314 rgBT / Overbo	1.1	29
16	Generation of Carbamoyl- and Thiocarbamoyllithium Synthons Having a Hydrogen(s) or an Aryl Group on the Nitrogen and Their Trapping with Carbonyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2006, 128, 12650-12651.	6.6	27
17	A new entry to \hat{I}^2 -alkylidene- \hat{I}^2 -lactams by 4-exo-dig cyclization of carbamoyl radicals. <i>Tetrahedron Letters</i> , 2009, 50, 3628-3630.	0.7	26
18	Transition-metal-catalyzed cleavage of carbon \hat{I}^2 -selenium bond and addition to alkynes and allenens. <i>Pure and Applied Chemistry</i> , 2010, 82, 565-575.	0.9	26

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19	A Novel Deselenation in the Reaction of Selenoamides with Organolithium Reagents. <i>Chemistry Letters</i> , 1990, 19, 2053-2056.	0.7	23
20	Enhancement of catalytic reactivity of zinc(II) complex by a cyclotrimeratrylene-capped structure. <i>Journal of Organometallic Chemistry</i> , 2012, 706-707, 26-29.	0.8	23
21	A New Synthesis of Selenol Esters via Carbophilic Addition of Organocopper Reagents to Carbonyl Selenide. <i>Journal of Organic Chemistry</i> , 1998, 63, 1724-1726.	1.7	22
22	Imidoylation of Acidic Hydrocarbons with Selenium and Isocyanides: A New Synthetic Method for Preparation of Selenoimidates. <i>Journal of Organic Chemistry</i> , 2000, 65, 5022-5025.	1.7	21
23	Carbonylation of Acidic Hydrocarbons with Selenium and Carbon Monoxide. A Novel Method for Synthesis of Selenol Esters. <i>Journal of the American Chemical Society</i> , 1996, 118, 8160-8161.	6.6	20
24	Imidoyl Radicals as Synthons of Unstable Acyl Radicals. <i>Journal of Organic Chemistry</i> , 2001, 66, 2183-2185.	1.7	19
25	N-Carbonylation of Lithium Azaenolates of Amides, Formamides, Ureas, and Carbamates with Carbon Monoxide Mediated by Selenium. <i>Journal of Organic Chemistry</i> , 2007, 72, 273-276.	1.7	17
26	A mechanistic study of the selenium-catalysed carbonylation of secondary amines with carbon monoxide. <i>Journal of Physical Organic Chemistry</i> , 1989, 2, 359-362.	0.9	14
27	Reaction of 2,6-xylyl isoselenocyanate with organolithium compounds. <i>Tetrahedron</i> , 1996, 52, 12165-12176.	1.0	14
28	Palladium-Catalyzed Intramolecular Selenocarbonylation of Allenes with Carbamoselenoates: A New Entry to β,γ -Unsaturated Lactams. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3141-3144.	1.2	14
29	A Comprehensive Mixture of Tobacco Smoke Components Retards Orthodontic Tooth Movement via the Inhibition of Osteoclastogenesis in a Rat Model. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18610-18622.	1.8	14
30	A tri-aromatic amide hemicryptophane host: synthesis and acetylcholine binding. <i>Tetrahedron Letters</i> , 2016, 57, 5112-5115.	0.7	14
31	A new synthesis of isoselenoureas by imidoylation of amines with selenium and isocyanides. <i>Tetrahedron</i> , 1997, 53, 12159-12166.	1.0	13
32	Carbonylation of Lithium Enolates with Carbon Monoxide Mediated by Selenium. <i>Organic Letters</i> , 2004, 6, 453-455.	2.4	12
33	Antimicrobial Effects of Ozone Gel Against Periodontal Bacteria. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 445-448.	0.2	12
34	Zinc(II)-included hemicryptophane: coordination of an acetonitrile guest within the cavity. <i>Supramolecular Chemistry</i> , 2011, 23, 269-272.	1.5	10
35	Cyclodextrin-Based [2]Daisy Chain Rotaxane Insulating Two Diarylacetylene Cores. <i>Chemistry - A European Journal</i> , 2021, 27, 1966-1969.	1.7	10
36	Local Hemostatic Effect of Aqueous Ozone in Cutting Wound Surface. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 245-248.	0.2	10

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37	Biscarbamoyl diselenides as new carbamoylating reagents. Lewis acid promoted carbamoylation of aromatic compounds. <i>Tetrahedron Letters</i> , 1988, 29, 6121-6124.	0.7	9
38	Synthesis and characterization of a cyclotrimeratrylene-capped azaphosphatrane. <i>Tetrahedron Letters</i> , 2011, 52, 4129-4131.	0.7	9
39	Palladium-catalyzed vinylselenation of allenes. <i>Tetrahedron</i> , 2012, 68, 10523-10529.	1.0	9
40	Palladium-catalyzed Insertion Reactions of Isocyanides into Thiocarbamates and Selenocarbamates. <i>Chemistry Letters</i> , 2015, 44, 465-467.	0.7	9
41	Synthesis of Selenol Esters via Selenium-Assisted Carbonylation of 2-Arylpropionitriles with Carbon Monoxide. <i>Synthesis</i> , 1997, 1997, 342-346.	1.2	8
42	Selenium-Assisted One-Pot Synthesis of Carbodiimides from Isocyanides and Primary Amines. <i>Synlett</i> , 1999, 1999, 75-76.	1.0	8
43	AlCl ₃ -catalyzed insertion of isocyanides into nitrogen-sulfur bonds of sulfenamides. <i>Tetrahedron Letters</i> , 2015, 56, 1531-1534.	0.7	7
44	Free Radical Tandem Addition-Cyclization of Te-Phenyl N,N-Dimethylcarbamotelluroate to 1,6-Enynes. <i>Heterocycles</i> , 2008, 76, 1577.	0.4	7
45	Carbonylation of Lithium Enolates of Esters and Amides with Carbon Monoxide and Selenium. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1001-1005.	0.8	6
46	Evaluation of Collagen Type-1 Production and Anti-Inflammatory Activities of Human Placental Extracts in Human Gingival Fibroblasts. <i>Journal of Hard Tissue Biology</i> , 2016, 25, 277-281.	0.2	5
47	Structure, bonding, and aggregation of selenium-containing organolithium species. <i>Tetrahedron</i> , 2009, 65, 1017-1025.	1.0	4
48	Palladium-Catalyzed Decarbonylative Rearrangement of Allenyl Seleno- and Tellurocarbamates. <i>Heteroatom Chemistry</i> , 2014, 25, 518-524.	0.4	4
49	Face-to-Face Structures Formed by 3D Hydrogen-Bonded Networks of Tris(4-carboxyphenyl)cyclotriguaiacylene. <i>Journal of Chemical Crystallography</i> , 2012, 42, 1075-1079.	0.5	3
50	Evaluation of Oral Mucosa Irritation produced by Ozone Gel. <i>Journal of Hard Tissue Biology</i> , 2015, 24, 104-106.	0.2	3
51	Evaluation of the Bitterness-Masking Effect of Powdered Roasted Soybeans. <i>Foods</i> , 2016, 5, 44.	1.9	3
52	Mono- and dinuclear gadolinium(III) complexes of tris(4-carboxy-3-benzyl-3-azabutyl) amine: Synthesis and relaxation properties. <i>Polyhedron</i> , 2016, 107, 148-152.	1.0	3
53	Synthesis and characterization of a biphenyl-linked hemicryptophane and an endohedral cobalt(II) complex. <i>Tetrahedron Letters</i> , 2017, 58, 4507-4509.	0.7	3
54	Selenium Catalyzed Synthesis of Cyclic Thionecarbamates from Hydroxyisocyanides and Sulfur. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 120, 335-336.	0.8	2

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55	Free radical addition of telluroesters to alkenes. <i>Heteroatom Chemistry</i> , 2011, 22, 518-522.	0.4	2
56	Effect of Orento, a Traditional Japanese Medicine, on IL-6, IL-8 Secretion, Type 1 Collagen Production and Alkaline Phosphatase Secretion in the Human Osteosarcoma Cell Line Saos-2. <i>Medicines (Basel)</i> , 2021, 10, 1071.	0.0	0
57	Smoking cessation rescues tooth movement delays caused by tobacco smoke components. <i>Orthodontic Waves</i> , 2021, 80, 17-22.	0.2	2
58	Bio-inspired asymmetric aldehyde arylations catalyzed by rhodium-cyclodextrin self-inclusion complexes. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 801-807.	1.5	2
59	Synthesis of thiol esters by the use of carbonyl sulfide as a thiocarboxylation agent. <i>Journal of Sulfur Chemistry</i> , 2009, 30, 264-269.	1.0	1
60	Relationship Between Sensory Evaluation and Rheological Properties of Oral Moisturizers. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 319-324.	0.2	1
61	Palladium Catalyzed Intramolecular Vinylselenation and Vinylthiolation of Allenes. <i>Heterocycles</i> , 2015, 90, 1323.	0.4	1
62	Synthesis of Imidazolium Salts Bearing Two Cyclodextrins. <i>Heterocycles</i> , 2018, 96, 2111.	0.4	1
63	Stereoselective Synthesis of New Selenium-Containing Heterocycles by Cyclocarbonylation of Aminoalkynes with Carbon Monoxide and Selenium.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
64	Carbonylation of Lithium Enolates with Carbon Monoxide Mediated by Selenium.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
65	Selenoimidoylation of Alcohols with Selenium and Isocyanides and Its Application to the Synthesis of Selenium-Containing Heterocycles.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
66	Carbonylation of Lithium Enolates of Esters and Amides with Carbon Monoxide and Selenium. <i>ChemInform</i> , 2005, 36, no.	0.1	0
67	Thio-, Seleno-, and Telluro-carboxylic Acid Esters. <i>ChemInform</i> , 2005, 36, no.	0.1	0
68	Regioselectivity of Selenium-Mediated Carbonylation of Organolithium Compounds with Carbon Monoxide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1117-1123.	0.8	0
69	Inhibitory Effects of Zinc Chloride and Citric Acid on Release of Volatile Sulfur Compounds. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 325-328.	0.2	0
70	Fundamental Study on the Coating Ability of Cyanoacrylate Adhesives to Hydroxyapatite Pellet and Surface of Extracted Teeth. <i>Journal of Hard Tissue Biology</i> , 2021, 30, 33-36.	0.2	0
71	Anti-inflammatory effect and bone induction ability of hainosankyuto in the human osteosarcoma cell line Saos-2. <i>Traditional & Kampo Medicine</i> , 2021, 8, 170-175.	0.2	0
72	Synthesis of Cyclic Nigerosyl-nigerose (CNN) bis-Imidazolium Salts. <i>Heterocycles</i> , 2017, 95, 1197.	0.4	0