Suguru Yoshida

List of Publications by Citations

136 papers	3,388 citations	34 h-index	50 g-index
175 ext. papers	3,897 ext. citations	5.2 avg, IF	5.92 L-index

#	Paper	IF	Citations
136	The Renaissance and Bright Future of Synthetic Aryne Chemistry. *Chemistry Letters*, **2015**, 44, 1450-1460	1.7	152
135	Synthesis of 3-trifluoromethylbenzo[b]furans from phenols via direct ortho functionalization by extended Pummerer reaction. *Journal of the American Chemical Society*, **2010**, 132, 11838-40	16.4	137
134	Direct thioamination of arynes via reaction with sulfilimines and migratory N-arylation. *Journal of the American Chemical Society*, **2015**, 137, 14071-4	16.4	93
133	Strain-promoted double-click reaction for chemical modification of azido-biomolecules. *Organic and Biomolecular Chemistry*, **2010**, 8, 4051-5	3.9	84
132	Reaction of 2-(2,2,2-trifluoroethylidene)-1,3-dithiane 1-oxide with ketones under Pummerer conditions and its application to the synthesis of 3-trifluoromethyl-substituted five-membered heteroarenes. *Angewandte Chemie - International Edition*, **2010**, 49, 2340-3	16.4	82
131	2-(2,2,2-Trifluoroethylidene)-1,3-dithiane monoxide as a trifluoromethylketene equivalent. *Organic Letters*, **2009**, 11, 2185-8	6.2	81
130	Synthesis of benzo[b]thiophenes by cyclization of arylketene dithioacetal monoxides under pummerer-like conditions. *Organic Letters*, **2007**, 9, 5573-6	6.2	75
129	Single C-F Bond Cleavage of Trifluoromethylarenes with an ortho-Silyl Group. *Angewandte Chemie - International Edition*, **2016**, 55, 10406-9	16.4	70
128	Rectifier of aberrant mRNA splicing recovers tRNA modification in familial dysautonomia. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2764-9	11.5	67
127	A mild and facile synthesis of aryl and alkenyl sulfides via copper-catalyzed deborylthiolation of organoborons with thiosulfonates. *Chemical Communications*, **2015**, 51, 16613-6	5.8	63
126	Palladium-catalyzed regio- and stereoselective hydrosilylation of electron-deficient alkynes. *Organic Letters*, **2012**, 14, 1552-5	6.2	63
125	Enhanced clickability of doubly sterically-hindered aryl azides. *Scientific Reports*, **2011**, 1, 82	4.9	62
124	An efficient generation method and remarkable reactivities of 3-triflyloxybenzyne. *Chemical Communications*, **2014**, 50, 15059-62	5.8	58
123	Ligand binding to human prostaglandin E receptor EP at the lipid-bilayer interface. *Nature Chemical Biology*, **2019**, 15, 18-26	11.7	58
122	Aryne Relay Chemistry en Route to Aminoarenes: Synthesis of 3-Aminoaryne Precursors via Regioselective Silylamination of 3-(Triflyloxy)arynes. *Organic Letters*, **2016**, 18, 6212-6215	6.2	57
121	Ferroelectric Sr3Zr2O7: Competition between Hybrid Improper Ferroelectric and Antiferroelectric Mechanisms. *Advanced Functional Materials*, **2018**, 28, 1801856	15.6	57
120	Selective inhibition of the kinase DYRK1A by targeting its folding process. *Nature Communications*, **2016**, 7, 11391	17.4	56

119	Synthesis of Diverse Aromatic Oxophosphorus Compounds by the Michaelis–Arbuzov-type Reaction of Arynes. *Chemistry Letters*, **2013**, 42, 583-585	1.7	51
118	Transient protection of strained alkynes from click reaction via complexation with copper. *Journal of the American Chemical Society*, **2014**, 136, 13590-3	16.4	50
117	Prenatal neurogenesis induction therapy normalizes brain structure and function in Down syndrome mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 10268-10273	11.5	50
116	CDK9 inhibitor FIT-039 prevents replication of multiple DNA viruses. *Journal of Clinical Investigation* , **2014**, 124, 3479-88	15.9	49
115	Recent advances in reactions between arynes and organosulfur compounds. *Tetrahedron Letters*, **2018**, 59, 4197-4208	2	48
114	Rhodium-catalyzed odorless synthesis of diaryl sulfides from borylarenes and S-aryl thiosulfonates. *Chemical Communications*, **2017**, 53, 10640-10643	5.8	45
113	Hybrid Improper Ferroelectricity in (Sr,Ca)SnO and Beyond: Universal Relationship between Ferroelectric Transition Temperature and Tolerance Factor in n = 2 Ruddlesden-Popper Phases. *Journal of the American Chemical Society*, **2018**, 140, 15690-15700	16.4	45
112	Generation of Arynes Using Trimethylsilylmethyl Grignard Reagent for Activation of ortho-Iodoaryl or ortho-Sulfinylaryl Triflates. *Chemistry Letters*, **2015**, 44, 691-693	1.7	43
111	An Alternative Method for Generating Arynes from ortho-Silylaryl Triflates: Activation by Cesium Carbonate in the Presence of a Crown Ether. *Molecules*, **2015**, 20, 10131-40	4.8	42
110	Synthesis of Diverse o-Arylthio-Substituted Diaryl Ethers by Direct Oxythiolation of Arynes with Diaryl Sulfoxides Involving Migratory O-Arylation. *Organic Letters*, **2017**, 19, 5521-5524	6.2	40
109	Three-Component Coupling of Triflyloxy-Substituted Benzocyclobutenones, Organolithium Reagents, and Arynophiles Promoted by Generation of Aryne via Carbon-Carbon Bond Cleavage. *Organic Letters*, **2017**, 19, 1184-1187	6.2	39
108	Modular synthesis of bis- and tris-1,2,3-triazoles by permutable sequential azide-aryne and azide-alkyne cycloadditions. *Organic and Biomolecular Chemistry*, **2014**, 12, 7489-93	3.9	38
107	Nucleophilic substitution reaction at the nitrogen of arylsulfonamides with phosphide anion. *Journal of the American Chemical Society*, **2012**, 134, 19358-61	16.4	38
106	Remodeling of actin cytoskeleton in mouse periosteal cells under mechanical loading induces periosteal cell proliferation during bone formation. *PLoS ONE*, **2011**, 6, e24847	3.7	38
105	Topochemical Nitridation with Anion Vacancy-Assisted N(3-)/O(2-) Exchange. *Journal of the American Chemical Society*, **2016**, 138, 3211-7	16.4	37
104	Facile Synthesis of Diverse Multisubstituted ortho-Silylaryl Triflates via C–H Borylation. *Chemistry Letters*, **2015**, 44, 1324-1326	1.7	36
103	Naphthalene-1,8-diylbis(diphenylmethylium) as an organic two-electron oxidant: benzidine synthesis via oxidative self-coupling of N,N-dialkylanilines. *Journal of Organic Chemistry*, **2006**, 71, 6414-9	4.2	35
102	C6-Deoxy coelenterazine analogues as an efficient substrate for glow luminescence reaction of nanoKAZ: the mutated catalytic 19 kDa component of Oplophorus luciferase. *Biochemical and Biophysical Research Communications*, **2013**, 437, 23-8	3.4	33

101	Generation of Arynes Triggered by Sulfoxide/Metal Exchange Reaction of ortho-Sulfinylaryl Triflates. *Chemistry Letters*, **2014**, 43, 116-118	1.7	33
100	Extended Pummerer Reaction of Arylketene Dithioacetal Monoxides with Aromatic Compounds by Means of Trifluoromethanesulfonic Anhydride. *Chemistry Letters*, **2008**, 37, 786-787	1.7	33
99	Generation of cycloheptynes and cyclooctynes via a sulfoxide-magnesium exchange reaction of readily synthesized 2-sulfinylcycloalkenyl triflates. *Chemical Communications*, **2015**, 51, 8745-8	5.8	31
98	Synthesis of Diverse Benzotriazoles from Aryne Precursors Bearing an Azido Group via Inter- and Intramolecular Cycloadditions. *Chemistry Letters*, **2016**, 45, 726-728	1.7	31
97	Substituted 5,6,11,12-tetradehydrodibenzo[a,e]cyclooctenes: syntheses, properties, and DFT studies of substituted Sondheimer-Wong diynes. *Journal of Organic Chemistry*, **2014**, 79, 11592-608	4.2	31
96	Synthesis of Alkynyl Sulfides by Copper-Catalyzed Thiolation of Terminal Alkynes Using Thiosulfonates. *Organic Letters*, **2019**, 21, 3172-3177	6.2	30
95	Reactions of Arynes with Sulfoximines: Formal Sulfinylamination vs. N-Arylation. *Chemistry Letters*, **2017**, 46, 77-80	1.7	30
94	Reaction of 2-(2,2,2-Trifluoroethylidene)-1,3-dithiane 1-Oxide with Ketones under Pummerer Conditions and Its Application to the Synthesis of 3-Trifluoromethyl-Substituted Five-Membered Heteroarenes. *Angewandte Chemie*, **2010**, 122, 2390-2393	3.6	30
93	Development of an orally available inhibitor of CLK1 for skipping a mutated dystrophin exon in Duchenne muscular dystrophy. *Scientific Reports*, **2017**, 7, 46126	4.9	29
92	Expression, purification and luminescence properties of coelenterazine-utilizing luciferases from Renilla, Oplophorus and Gaussia: comparison of substrate specificity for C2-modified coelenterazines. *Protein Expression and Purification*, **2013**, 88, 150-6	2	29
91	Construction of Condensed Polycyclic Aromatic Frameworks through Intramolecular Cycloaddition Reactions Involving Arynes Bearing an Internal Alkyne Moiety. *Chemistry - A European Journal*, **2017**, 23, 15332-15335	4.8	29
90	1,8-bis(diphenylmethylium)naphthalenediyl dication as an organic oxidant: synthesis of benzidines via self-coupling of N,N-dialkylanilines. *Organic Letters*, **2004**, 6, 4563-5	6.2	29
89	3-Thioaryne Intermediates for the Synthesis of Diverse Thioarenes. *Organic Letters*, **2019**, 21, 5252-5258	6.2	28
88	Copper-catalyzed extended Pummerer reactions of ketene dithioacetal monoxides with alkynyl sulfides and ynamides with an accompanying oxygen rearrangement. *Chemistry - A European Journal*, **2013**, 19, 5625-30	4.8	28
87	Identification of a Dual Inhibitor of SRPK1 and CK2 That Attenuates Pathological Angiogenesis of Macular Degeneration in Mice. *Molecular Pharmacology*, **2015**, 88, 316-25	4.3	27
86	Enhancing the Synthetic Utility of 3-Haloaryne Intermediates by Their Efficient Generation from Readily Synthesizable ortho-Iodoaryl Triflate-type Precursors. *Chemistry Letters*, **2017**, 46, 733-736	1.7	26
85	Controlled Reactive Intermediates Enabling Facile Molecular Conjugation. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 1293-1318	5.1	26
84	Facile Diversification of Simple Benzo[b]thiophenes via Thienobenzyne Intermediates. *Chemistry Letters*, **2017**, 46, 81-84	1.7	26

83	Modified Conditions for Copper-catalyzed ipso-Thiolation of Arylboronic Acid Esters with Thiosulfonates. *Chemistry Letters*, **2018**, 47, 85-88	1.7	25
82	Controlled Generation of 3-Triflyloxyarynes. *Synthesis*, **2016**, 48, 4099-4109	2.9	25
81	Transient Protection of Organic Azides from Click Reactions with Alkynes by Phosphazide Formation. *Organic Letters*, **2018**, 20, 4126-4130	6.2	25
80	Formal C–H-Azidation Based Shortcut to Diazido Building Blocks for the Versatile Preparation of Photoaffinity Labeling Probes. *European Journal of Organic Chemistry*, **2014**, 2014, 3991-3995	3.2	25
79	Staudinger reaction using 2,6-dichlorophenyl azide derivatives for robust aza-ylide formation applicable to bioconjugation in living cells. *Chemical Communications*, **2018**, 54, 7904-7907	5.8	25
78	Thiazolobenzyne: a versatile intermediate for multisubstituted benzothiazoles. *Chemical Communications*, **2016**, 52, 11199-202	5.8	24
77	Convergent synthesis of trifunctional molecules by three sequential azido-type-selective cycloadditions. *Chemical Communications*, **2018**, 54, 3705-3708	5.8	23
76	Development of bis-unsaturated ester aldehydes as amino-glue probes: sequential double azaelectrocyclization as a promising strategy for bioconjugation. *Organic and Biomolecular Chemistry*, **2013**, 11, 7326-33	3.9	23
75	Single C–F Bond Cleavage of Trifluoromethylarenes with an ortho-Silyl Group. *Angewandte Chemie*, **2016**, 128, 10562-10565	3.6	22
74	Aromatic Azido-selective Reduction via the Staudinger Reaction Using Tri-n-butylphosphonium Tetrafluoroborate with Triethylamine. *Chemistry Letters*, **2017**, 46, 473-476	1.7	21
73	Competing Structural Instabilities in the Ruddlesden–Popper Derivatives HRTiO4 (R = Rare Earths): Oxygen Octahedral Rotations Inducing Noncentrosymmetricity and Layer Sliding Retaining Centrosymmetricity. *Chemistry of Materials*, **2017**, 29, 656-665	9.6	19
72	Facile Synthesis of Multisubstituted Benzo[b]furans via 2,3-Disubstituted 6,7-Furanobenzynes Generated from ortho-Iodoaryl Triflate-type Precursors. *Chemistry Letters*, **2017**, 46, 118-121	1.7	19
71	Sequential Molecular Conjugation Using Thiophene S,S-Dioxides Bearing a Clickable Functional Group. *Chemistry Letters*, **2017**, 46, 1137-1140	1.7	18
70	Synthesis of Diverse Phenothiazines by Direct Thioamination of Arynes with S-(o-Bromoaryl)-S-methylsulfilimines and Subsequent Intramolecular Buchwald–Hartwig Amination. *Chemistry Letters*, **2018**, 47, 825-828	1.7	18
69	Generation of Arynes by Selective Cleavage of a Carbon–Phosphorus Bond of o-(Diarylphosphinyl)aryl Triflates Using a Grignard Reagent. *Chemistry Letters*, **2018**, 47, 1216-1219	1.7	18
68	Recent Advances in Synthetic Hetaryne Chemistry. *Heterocycles*, **2019**, 98, 1623	0.8	18
67	Concise Synthesis of v-Coelenterazines. *Organic Letters*, **2015**, 17, 3888-91	6.2	17
66	Luminescence enhancement of the catalytic 19 kDa protein (KAZ) of Oplophorus luciferase by three amino acid substitutions. *Biochemical and Biophysical Research Communications*, **2014**, 445, 157-62	3.4	17

65	Synthesis of Unsymmetrical Tertiary Phosphine Oxides via Sequential Substitution Reaction of Phosphonic Acid Dithioesters with Grignard Reagents. *Organic Letters*, **2017**, 19, 3899-3902	6.2	17
64	Single C-F Transformations of -Hydrosilyl Benzotrifluorides with Trityl Compounds as All-in-One Reagents. *Organic Letters*, **2020**, 22, 9292-9297	6.2	16
63	Modular Synthesis of Unsymmetrical Doubly-ring-fused Benzene Derivatives Based on a Sequential Ring Construction Strategy Using Oxadiazinones as a Platform Molecule. *Chemistry Letters*, **2019**, 48, 582-585	1.7	15
62	Functionalization of a Single C-F Bond of Trifluoromethylarenes Assisted by an ortho-Silyl Group Using a Trityl-Based All-in-One Reagent with Ytterbium Triflate Catalyst. *Chemistry - A European Journal*, **2020**, 26, 6136-6140	4.8	15
61	Sequential conjugation methods based on triazole formation and related reactions using azides. *Organic and Biomolecular Chemistry*, **2020**, 18, 1550-1562	3.9	15
60	Synthesis of Diverse Aryl-ketoesters via Aryne Intermediates Generated by C-C Bond Cleavage. *Organic Letters*, **2019**, 21, 9019-9023	6.2	15
59	Facile Synthesis of Diverse 2,6-Disubstituted Arylsilanes via Silylamination and Silylsulfanylation of Aryne Intermediates Generated from o-Iodoaryl Triflates. *Chemistry Letters*, **2019**, 48, 1296-1299	1.7	14
58	One-step synthesis of benzo[]thiophenes by aryne reaction with alkynyl sulfides. *Chemical Science*, **2020**, 11, 9691-9696	9.4	14
57	Further enhancement of the clickability of doubly sterically-hindered aryl azides by para-amino substitution. *Chemical Communications*, **2018**, 54, 13499-13502	5.8	14
56	Expanding the synthesizable multisubstituted benzo[]thiophenes 6,7-thienobenzynes generated from -silylaryl triflate-type precursors.. *RSC Advances*, **2018**, 8, 21754-21758	3.7	13
55	Synthesis of bulky arylphosphanes by rhodium-catalyzed formal [2+2+2] cycloaddition reaction and their use as ligands. *Chemistry - an Asian Journal*, **2008**, 3, 1613-9	4.5	13
54	Synthesis of Phenoxathiins and Phenothiazines by Aryne Reactions with Thiosulfonates. *Chemistry Letters*, **2020**, 49, 593-596	1.7	11
53	Consecutive Aryne Generation Strategy for the Synthesis of 1,3-Diarylpyrazoles. *Journal of Organic Chemistry*, **2020**, 85, 4448-4462	4.2	11
52	A facile preparation of functional cycloalkynes via an azide-to-cycloalkyne switching approach. *Chemical Communications*, **2019**, 55, 3556-3559	5.8	11
51	Facile Synthesis of Phthalides from Methyl ortho-Iodobenzoates and Ketones via an Iodine Magnesium Exchange Reaction Using a Silylmethyl Grignard Reagent. *Chemistry Letters*, **2017**, 46, 858-861	1.7	10
50	Zirconocene-catalyzed alkylative dimerization of 2-methylene-1,3-dithiane via a single electron transfer process to provide symmetrical vic-bis(dithiane)s. *Journal of Organometallic Chemistry*, **2007**, 692, 3110-3114	2.3	10
49	Cell-based HTS identifies a chemical chaperone for preventing ER protein aggregation and proteotoxicity. *ELife*, **2019**, 8,	8.9	10
48	Synthesis of Functionalized Benzopyran/Coumarin-Derived Aryne Precursors and Their Applications. *Organic Letters*, **2020**, 22, 8505-8510	6.2	10

47	Effect of Resonance on the Clickability of Alkenyl Azides in the Strain-promoted Cycloaddition with Dibenzo-fused Cyclooctynes. *Chemistry Letters*, **2019**, 48, 1038-1041	1.7	9
46	Facile assembly of three cycloalkyne-modules onto a platform compound bearing thiophene S,S-dioxide moiety and two azido groups. *Chemical Communications*, **2020**, 56, 4720-4723	5.8	9
45	Synthesis of Diverse Aromatic Ketones through C-F Cleavage of Trifluoromethyl Group. *Chemistry - A European Journal*, **2020**, 26, 12333-12337	4.8	9
44	Sulfoxide synthesis from sulfinate esters under Pummerer-like conditions. *Chemical Communications*, **2020**, 56, 5429-5432	5.8	8
43	Structural phase transitions in EuNbO3 perovskite. *Journal of Solid State Chemistry*, **2016**, 239, 192-199	3.3	8
42	Radical Addition of Alkyl Halides to 2-Methylene-1,3-dithiane Monoxide as a Ketene Equivalent. *Chemistry Letters*, **2009**, 38, 248-249	1.7	8
41	The mevalonate pathway regulates primitive streak formation via protein farnesylation. *Scientific Reports*, **2016**, 6, 37697	4.9	7
40	Facile Synthesis of Diverse o-Iodoaryl Triflates from o-Silylaryl Triflates by Aluminum-mediated Desilyliodination. *Chemistry Letters*, **2019**, 48, 742-745	1.7	7
39	Selective strain-promoted azide-alkyne cycloadditions through transient protection of bicyclo[6.1.0]nonynes with silver or gold. *Chemical Communications*, **2020**, 56, 9823-9826	5.8	7
38	Transition-Metal-Free Synthesis of Arylphenothiazines through an - and -Arylation Sequence. *Organic Letters*, **2021**, 23, 2347-2352	6.2	7
37	Intermolecular reductive radical addition to 2-(2,2,2-trifluoroethylidene)-1,3-dithiane 1-oxide: experimental and theoretical studies. *Organic Letters*, **2010**, 12, 5748-51	6.2	6
36	Palladium-catalyzed Mizoroki–Heck Reactions of 2-Methylene-1,3-dithiane 1-Oxide with Aryl Iodides. *Chemistry Letters*, **2009**, 38, 624-625	1.7	6
35	Assembly of four modules onto a tetraazide platform by consecutive 1,2,3-triazole formations. *Chemical Communications*, **2021**, 57, 899-902	5.8	6
34	Comparison of pharmacokinetics of newly discovered aromatase inhibitors by a cassette microdosing approach in healthy Japanese subjects. *Drug Metabolism and Pharmacokinetics*, **2017**, 32, 293-300	2.2	5
33	HaloTag-based conjugation of proteins to barcoding-oligonucleotides. *Nucleic Acids Research*, **2020**, 48, e8	20.1	5
32	Acylalkylation of Arynes Generated from -Iodoaryl Triflates with Hydrosilanes and Cesium Fluoride. *Organic Letters*, **2021**, 23, 1868-1873	6.2	5
31	Synthesis of benzyl sulfides via substitution reaction at the sulfur of phosphinic acid thioesters. *Chemical Communications*, **2020**, 56, 5771-5774	5.8	4
30	Perovskite-Type InCoO with Low-Spin Co: Effect of In-O Covalency on Structural Stabilization in Comparison with Rare-Earth Series. *Inorganic Chemistry*, **2017**, 56, 11113-11122	5.1	4

29	Rhodium-Catalyzed Addition of Arylboronic Acids to 2-Methylene-1,3-dithiane Monoxide. *Synlett*, **2007**, 2007, 1622-1624	2.2	4
28	Aryne Reaction and Cross-coupling Approach for the Synthesis of Diverse N-Arylphenylalanine Derivatives. *Chemistry Letters*, **2020**, 49, 809-812	1.7	4
27	Triazole formation of phosphinyl alkynes with azides through transient protection of phosphine by copper. *Chemical Communications*, **2020**, 56, 14003-14006	5.8	4
26	(Hexafluoroacetylacetonato)copper(I)-cycloalkyne complexes as protected cycloalkynes. *Chemical Communications*, **2020**, 56, 11449-11452	5.8	4
25	Synthesis of Thioxanthones through Formal C–H Thiolation of Benzoic Acid Esters and Acid-mediated Direct Cyclization. *Chemistry Letters*, **2020**, 49, 753-756	1.7	3
24	One-pot Synthesis of Allyl Sulfides from Sulfinate Esters and Allylsilanes through Reduction of Alkoxysulfonium Intermediates. *Chemistry Letters*, **2020**, 49, 813-816	1.7	3
23	Synthesis of Diverse 3-Azido-5-(azidomethyl)benzene Derivatives via Formal C–H Azidation and Functional Group-Selective Transformations. *Heterocycles*, **2019**, 99, 1053	0.8	3
22	Synthesis of multisubstituted cycloalkenes through carbomagnesiation of strained cycloalkynes. *Chemical Communications*, **2020**, 56, 7147-7150	5.8	3
21	Palladium-Catalyzed Sulfinylation of Aryl- and Alkenylborons with Sulfinate Esters. *Organic Letters*, **2021**, 23, 3793-3797	6.2	3
20	A novel yellow fluorescent protein of recombinant apoPholasin with dehydrocoelenterazine. *Biochemical and Biophysical Research Communications*, **2020**, 526, 404-409	3.4	3
19	Diverse diaryl sulfide synthesis through consecutive aryne reactions. *Chemical Communications*, **2021**, 57, 2621-2624	5.8	3
18	Electronic Origin of Non-Zone-Center Phonon Condensation: Octahedral Rotation as a Case Study. *Physical Review Letters*, **2021**, 127, 215701	7.4	2
17	Tin-Hydride-Mediated Radical Addition of Alkyl Halides to 2-Methylene-1,3-dithiane Monoxide as a Ketene Equivalent. *Heterocycles*, **2010**, 80, 259	0.8	2
16	2-Azidoacrylamides as compact platforms for efficient modular synthesis. *Chemical Communications* , **2020**, 56, 15541-15544	5.8	2
15	2-Alkylidene-1,3-dithiane Monoxides as Activated Alkenes in Rhodium-Catalyzed Addition Reaction of Arylboronic Acids. *Heterocycles*, **2008**, 76, 679	0.8	1
14	Novel Methods for Efficient Conjugation of Two Azide Molecules. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2016**, 74, 453-461	0.2	1
13	Facile Synthesis of Tetraarylpyrazines by Sequential Cross-coupling Approach. *Chemistry Letters*, **2021**, 50, 180-183	1.7	1
12	S1PR3-G-biased agonist ALESIA targets cancer metabolism and promotes glucose starvation. *Cell Chemical Biology*, **2021**, 28, 1132-1144.e9	8.2	1

List of Publications

11	Target Identification of Bioactive Compounds by Photoaffinity Labeling Using Diazido Probes **2019**, 335-355		0
10	A new organic two-electron oxidant: 9,10-diaryl-9,10-dihydroanthracene-9,10-bis(ylium). *Chemistry - an Asian Journal*, **2013**, 8, 2588-91	4.5	0
9	Synthesis of Azidoanilines by the Buchwald-Hartwig Amination. *Journal of Organic Chemistry*, **2021**, 86, 15674-15688	4.2	0
8	Synthetic Aryne Chemistry toward Multicomponent Coupling. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2019**, 77, 145-162	0.2	0
7	Nucleophilic transformations of azido-containing carbonyl compounds via protection of the azido group. *Chemical Communications*, **2021**, 57, 6062-6065	5.8	0
6	Prenatal neurogenesis induction therapy normalizes brain structure and functions in Down syndrome mice. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, OR24-5	0	
5	Backstage Tour in the Development of Click Chemistry based on the Two-faced Copper. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2018**, 76, 518-521	0.2	
4	Recent Insertion Reactions of Aryne Intermediates **2021**, 111-148		
3	Innentitelbild: Single C–F Bond Cleavage of Trifluoromethylarenes with an ortho-Silyl Group (Angew. Chem. 35/2016). *Angewandte Chemie*, **2016**, 128, 10308-10308	3.6	
2	Facile Synthetic Methods for Diverse N-Arylphenylalanine Derivatives via Transformations of Aryne Intermediates and Cross-Coupling Reactions. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 1823-1832	5.1	
1	Thioxanthone Synthesis from Benzoic Acid Esters through Directed ortho-Lithiation. *Chemistry Letters*, **2021**, 50, 1624-1627	1.7	