

# Mio Matsumura

## List of Publications by Year in descending order

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50  
papers

509  
citations

623188

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794141

19  
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59  
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docs citations

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times ranked

676  
citing authors

#	ARTICLE	IF	CITATIONS
1	General synthesis, structure, and optical properties of benzothiophene-fused benzoheteroles containing Group 15 and 16 elements. <i>Tetrahedron</i> , 2016, 72, 8085-8090.	1.0	38
2	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,N <sup>2</sup> -bis(porphyrinyl)urea. <i>Chemical Communications</i> , 2013, 49, 2290-2292.	2.2	31
3	Design and synthesis of 4-benzyl-1-(2H)-phthalazinone derivatives as novel androgen receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 310-319.	2.6	22
4	Copper-catalyzed tandem cyclization of 2-(2-iodophenyl)imidazo[1,2-a]pyridine derivatives with selenium: Synthesis of benzo[b]selenophene-fused imidazo[1,2-a]pyridines. <i>Tetrahedron Letters</i> , 2016, 57, 5484-5488.	0.7	22
5	Synthesis, antitumor activity, and cytotoxicity of 4-substituted 1-benzyl-5-diphenylstibano-1H-1,2,3-triazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 152-154.	1.0	22
6	Simple and efficient copper-catalyzed synthesis of symmetrical diaryl selenides from triarylbismuthanes and selenium under aerobic conditions. <i>Journal of Organometallic Chemistry</i> , 2016, 807, 11-16.	0.8	21
7	Cyclic-tri(N-methyl-meta-benzamide)s: substituent effects on the bowl-shaped conformation in the crystal and solution states. <i>Tetrahedron</i> , 2010, 66, 8254-8260.	1.0	19
8	Molecular chirality and chiral capsule-type dimer formation of cyclic triamides via hydrogen-bonding interactions. <i>Chemical Communications</i> , 2012, 48, 4809-4811.	2.2	19
9	One-pot reaction for the synthesis of N-substituted 2-aminobenzoxazoles using triphenylbismuth dichloride as cyclodesulfurization reagent. <i>Journal of Organometallic Chemistry</i> , 2018, 859, 18-23.	0.8	18
10	Synthesis of Fully Functionalized 5-arylselanyl-1,2,3-triazoles: Copper-Catalyzed Three-Component Reaction of Ethynylstibanes, Organic Azides, and Diaryl Diselenides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 170-177.	1.2	18
11	Comparative cytotoxicity of triphenylstibane and fluorine-substituted triarylpyctogens in cultured vascular endothelial cells. <i>Fundamental Toxicological Sciences</i> , 2015, 2, 61-66.	0.2	16
12	Copper-catalyzed [3 + 2] cycloaddition of (phenylethynyl)di-p-tolylstibane with organic azides. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1309-1313.	1.3	15
13	Synthesis of 2-Aryl-3-(arylselanyl)imidazo[1,2-a]pyridines: Copper-Catalyzed One-Pot, Two-Step Se-Arylation of Selenium with Imidazopyridines and Triarylbismuthanes. <i>Synthesis</i> , 2018, 50, 2200-2210.	1.2	15
14	Synthesis of Unsymmetrical Diaryl Selenides: Copper-Catalyzed Se-Arylation of Diaryl Diselenides with Triarylbismuthanes. <i>Synthesis</i> , 2016, 48, 730-736.	1.2	14
15	Synthesis of 5-organostibano-1 H-1,2,3-triazoles by Cu-catalyzed azide-alkyne cycloaddition and their application in the acyl-induced deantimonation for the preparation of fully substituted 5-acyl-1,2,3-triazoles. <i>Tetrahedron</i> , 2017, 73, 2614-2622.	1.0	14
16	Copper-catalyzed three-component reaction of ethynylstibanes, organic azides, and selenium: A simple and efficient synthesis of novel selenides and diselenides having 1,2,3-triazole rings. <i>Tetrahedron</i> , 2019, 75, 1406-1414.	1.0	13
17	Synthesis, structural characterization and antitumor activity of 2-(di-p-tolylstibano)- and 2-(di-p-tolylbismuthano)-N-p-tolylbenzamide. <i>Journal of Organometallic Chemistry</i> , 2016, 807, 17-21.	0.8	12
18	A versatile synthesis of triarylantimony difluorides by fluorination of triarylstibanes with nitrosyl tetrafluoroborate and their antitumor activity. <i>Journal of Fluorine Chemistry</i> , 2017, 199, 1-6.	0.9	12

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19	Redox-responsive conformational alteration of aromatic amides bearing N-quinonyl system. <i>Tetrahedron</i> , 2012, 68, 5346-5355.	1.0	11
20	Lipase-catalyzed asymmetric acylation of boron cluster-containing secondary alcohols. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1505-1512.	1.8	11
21	Antimony-lithium exchange reaction: Synthesis of 1,4,5-trisubstituted-1,2,3-triazoles by triazolyl lithium with electrophiles. <i>Journal of Organometallic Chemistry</i> , 2017, 834, 83-87.	0.8	11
22	Synthesis and photophysical properties of novel benzophospholo[3,2-b]indole derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2304-2309.	1.3	11
23	13-(2-Methylbenzyl) Berberine Is a More Potent Inhibitor of MexXY-Dependent Aminoglycoside Resistance than Berberine. <i>Antibiotics</i> , 2019, 8, 212.	1.5	11
24	Synthesis and anticancer activity of bis(2-arylimidazo[1,2-a]pyridin-3-yl) selenides and diselenides: the copper-catalyzed tandem C-H selenation of 2-arylimidazo[1,2-a]pyridine with selenium. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1075-1083.	1.3	10
25	Pd-Catalyzed Selective C-H Arylation of Thiophenes with Triarylantimony Difluorides. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 138-143.	1.3	9
26	Synthesis, Structural Characterization, and Optical Properties of Benzene-Fused Tetracyclic and Pentacyclic Stiboles. <i>Molecules</i> , 2021, 26, 222.	1.7	9
27	Pd-Catalyzed P-Arylation of Triarylantimony Dicarboxylates with Dialkyl H-Phosphites without a Base: Synthesis of Arylphosphonates. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 130-133.	0.6	8
28	Simple base-free Miyaura-type borylation of triarylantimony diacetates with tetra(alkoxo)diborons under aerobic conditions. <i>Journal of Organometallic Chemistry</i> , 2014, 765, 80-85.	0.8	7
29	Synthesis of arylboronates by boron-induced ipso-deantimonylation of triaryl stibanes with boron trihalides and its application in one-pot two-step transmetalation/cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2015, 788, 9-16.	0.8	7
30	Synthesis of 2-Arylquinoxalines: Triaryl stibane-Catalyzed Oxidative Cyclization of $\alpha$ -Hydroxy Ketones with 1,2-Diamines under Aerobic Conditions. <i>Heterocycles</i> , 2016, 93, 75.	0.4	6
31	Synthesis of 2-(arylsulfonyl)azoles by copper-catalyzed S-arylation of azole-2-thiones with triaryl bismuthanes. <i>Catalysis Communications</i> , 2019, 132, 105808.	1.6	6
32	Efficient Synthesis, Structural Characterization, and Optical Properties of 6-Hydroxy-1,2-dibenzobenzocycloheptatriene carbazole and Its Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3788-3793.	1.2	6
33	Copper-catalyzed C-H selenations of 2-substituted benzo[b]furans with diaryl diselenides: Synthesis of 2-substituted selenanylbenzo[b]furan derivatives. <i>Asian Journal of Organic Chemistry</i> , 0, , .	1.3	6
34	Palladium-Catalyzed C-H Arylation of Benzofurans with Triarylantimony Difluorides for the Synthesis of 2-Arylbenzofurans. <i>Molecules</i> , 2021, 26, 97.	1.7	6
35	Calix[3]amide-based anion receptors: high affinity for fluoride ions and a twisted binding model. <i>Supramolecular Chemistry</i> , 2011, 23, 125-130.	1.5	4
36	Palladium-catalyzed cross-coupling reactions of triaryl bismuthanes with terminal alkynes under aerobic conditions. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 70-75.	0.8	4

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37	Pd-catalyzed oxidative Heck-type arylation of vinyl ketones, alkenes, and acrylates with Sb-aryl-tetrahydrodibenz[ <i>c,f</i> ][1,5]azastibocines. <i>Journal of Organometallic Chemistry</i> , 2020, 928, 121545.	0.8	4
38	Synthesis of Nitriles & via; the Iodine-Mediated Dehydrosulfurization of Thioamides. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 679-681.	0.6	4
39	Synthesis of porphyrinylamide and observation of N-methylation-induced trans $\leftrightarrow$ cis amide conformational alteration. <i>Tetrahedron</i> , 2013, 69, 10927-10932.	1.0	3
40	Cascade Synthesis of 4-Arylcoumarins: Pd-Catalyzed Arylations and Cyclizations with Ethyl (2-Hydroxyaryl)acrylates and Triarylantimony Difluorides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1652-1657.	1.2	3
41	Copper-catalyzed cross-coupling reactions of 5-stibano-1,2,3-triazoles with bromoalkynes under aerobic conditions: Synthesis of 5-alkynyl-1,2,3-triazoles. <i>Journal of Organometallic Chemistry</i> , 2018, 871, 79-85.	0.8	2
42	Synthesis of benzo[ <i>d</i> ]imidazo[2,1- <i>b</i> ]benzoselenoazoles: Cs <sub>2</sub> CO <sub>3</sub> -mediated cyclization of 1-(2-bromoaryl)benzimidazoles with selenium. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2029-2035.	1.3	2
43	Synthesis and Structural Characterization of a Novel Organotellurium Compound: Dinaphtho[2,3- <i>b</i> ;2 <sup>TM</sup> ,3 <sup>TM</sup> - <i>d</i> ]tellurophene. <i>Heterocycles</i> , 2015, 90, 121.	0.4	1
44	Liebeskind-Srogl-type cross-coupling reaction of azole-2-thiones with triarylbismuthines: Synthesis of 2-arylazoles. <i>Tetrahedron Letters</i> , 2020, 61, 152152.	0.7	1
45	Construction of dibenzo[ <i>d,f</i> ][1,3]oxazepine skeleton from 2-amino-2-hydroxybiphenyl and isothiocyanates via iodine-mediated cyclodesulfurization. <i>Tetrahedron Letters</i> , 2021, 73, 153142.	0.7	1
46	Silver-catalyzed three-component reaction of uracils, arylboronic acids, and selenium: synthesis of 5-arylselanyluracils. <i>RSC Advances</i> , 2022, 12, 14502-14508.	1.7	1
47	Synthesis and Optical Properties of Azuleno[1,2- <i>b</i> ]benzothiophene and Selenophene. <i>Heterocycles</i> , 2022, 105, 337.	0.4	1
48	Microwave-Assisted Debromination of $\alpha$ -Bromoketones with Triarylstibanes in Water. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1081-1084.	0.6	0
49	Synthesis, structural characterization, and optical properties of benzo[ <i>f</i> ]naphtho[2,3- <i>b</i> ]phosphoindoles. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 671-677.	1.3	0
50	Synthesis of novel alkynyl imidazopyridinyl selenides: copper-catalyzed tandem selenation of selenium with 2-arylimidazo[1,2- <i>a</i> ]pyridines and terminal alkynes. <i>Beilstein Journal of Organic Chemistry</i> , 0, 18, 863-871.	1.3	0