

# Motohiro Sonoda

## List of Publications by Year in descending order

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77  
papers

4,008  
citations

185998

28  
h-index

118652

62  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proline-catalyzed Transition-Metal-free Access to 1-Substituted-4-Quinazolinones. <i>ChemistrySelect</i> , 2021, 6, 1533-1540.	0.7	1
2	2,2-Bis(phenylselanyl)-1-(p-tolyl)vinyl 2-Oxo-2-(p-tolyl)acetate. <i>MolBank</i> , 2021, 2021, M1283.	0.2	0
3	A Concise Enantiodivergent Synthesis of Equol. <i>Synlett</i> , 2021, 32, 693-696.	1.0	3
4	Easy access to both enantiomers of 5-hydroxyequol and 3-(4-hydroxyphenyl)chroman-8-ol. <i>Results in Chemistry</i> , 2021, 3, 100252.	0.9	0
5	Iodine-Mediated Facile One-Pot Access to N-Aryl-2-benzoxazolamines. <i>SynOpen</i> , 2020, 04, 99-106.	0.8	3
6	Enantio and diastereoselective total synthesis of all four stereoisomers of germicidin N. <i>Synthetic Communications</i> , 2020, 50, 1504-1511.	1.1	5
7	Mechanistic study of silica-gel or FeCl <sub>3</sub> -promoted ring-opening aromatization of 7-oxanorborna-2,5-dienes affording 2-bromo-3-hydroxybenzoate derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 13-21.	1.3	0
8	Palladium-Catalyzed Cyanothiolation of Internal Alkynes Using Organic Disulfides and <i>tert</i> -Butyl Isocyanide. <i>Journal of Organic Chemistry</i> , 2018, 83, 5267-5273.	1.7	22
9	Furan- and Thiophene-2-Carbonyl Amino Acid Derivatives Activate Hypoxia-Inducible Factor via Inhibition of Factor Inhibiting Hypoxia-Inducible Factor-1. <i>Molecules</i> , 2018, 23, 885.	1.7	5
10	A rapid access to substituted oxazoles via PIFA-mediated oxidative cyclization of enamides. <i>Tetrahedron</i> , 2017, 73, 1247-1254.	1.0	12
11	Sequential Synthesis, Olfactory Properties, and Biological Activity of Quinoxaline Derivatives. <i>ACS Omega</i> , 2017, 2, 1875-1885.	1.6	30
12	Copper-catalyzed tandem reaction directed toward synthesis of 2,2-disubstituted quinazolinones from vinyl halides and 2-aminobenzamides. <i>Tetrahedron Letters</i> , 2017, 58, 4043-4047.	0.7	9
13	A Benzoyl Peroxide/Diphenyl Diselenide Binary System for Functionalization of Alkynes Leading to Alkenyl and Alkynyl Selenides. <i>Journal of Organic Chemistry</i> , 2017, 82, 12477-12484.	1.7	47
14	Hydroiodination-Triggered Cascade Reaction with I <sub>2</sub> /PPH <sub>3</sub> /H <sub>2</sub> O: Metal-Free Access to 3-Substituted Phthalides from 2-Alkynylbenzoates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5343-5346.	1.2	7
15	Facile Synthesis of Phenanthridinone Alkaloids via Suzuki-Miyaura Cross-coupling. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1645-1651.	1.4	14
16	A facile and rapid access to resveratrol derivatives and their radioprotective activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3886-3891.	1.0	11
17	Proline-Mediated Transition Metal-Free Access to 1-H-Indazolones from 2-Halobenzohydrazides. <i>Journal of Organic Chemistry</i> , 2016, 81, 6766-6773.	1.7	28
18	Oxone-mediated facile access to substituted pyrazoles. <i>Tetrahedron</i> , 2016, 72, 304-311.	1.0	30

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19	One-pot synthesis of 3-hydroxyanthranilate derivatives using furans, bromoalkyne, and secondary amines. <i>Tetrahedron Letters</i> , 2015, 56, 2500-2503.	0.7	6
20	Regioselective Monoarylation of 2-Phenylbenzimidazole via Ruthenium-Catalyzed C-H Bond Functionalization. <i>Synthesis</i> , 2014, 46, 3185-3190.	1.2	13
21	A convenient hydroiodination of alkynes using I <sub>2</sub> /PPh <sub>3</sub> /H <sub>2</sub> O and its application to the one-pot synthesis of trisubstituted alkenes via iodoalkenes using Pd-catalyzed cross-coupling reactions. <i>Tetrahedron Letters</i> , 2014, 55, 6779-6783.	0.7	23
22	Facile Access to 1-Hydroxyindazoles through Iodobenzene-Catalyzed C-H Amination under Mild, Transition-Metal-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4720-4723.	1.2	38
23	Silica gel-promoted convenient synthesis of 2-bromo-3-hydroxybenzoate derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 5302-5305.	0.7	6
24	Synthesis and Properties of Perfluoroalkyl Phosphine Ligands: Photoinduced Reaction of Diphosphines with Perfluoroalkyl Iodides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1748-1752.	7.2	39
25	Novel reducing properties of a series of lanthanoid metals in the presence of SmI <sub>2</sub> . <i>Research on Chemical Intermediates</i> , 2013, 39, 43-48.	1.3	3
26	Palladium-catalyzed oxidative homocoupling reaction of terminal acetylenes using trans-bidentate 1-(2-pyridylethynyl)-2-(2-thienylethynyl)benzene. <i>Research on Chemical Intermediates</i> , 2013, 39, 359-370.	1.3	20
27	An Efficient and Highly Selective Carbonylative Bisthiolation of Internal Alkynes with Organic Disulfides Catalyzed by [Co <sub>2</sub> (CO) <sub>8</sub> ]. <i>Chemistry Letters</i> , 2013, 42, 1303-1304.	0.7	8
28	Molecular Propellers that Consist of Dehydrobenzo[14]annulene Blades. <i>Chemistry - A European Journal</i> , 2012, 18, 12814-12824.	1.7	19
29	Highly regioselective hydroiodination of terminal alkynes and silylalkynes with iodine and phosphorus reagents leading to internal iodoalkenes. <i>Tetrahedron</i> , 2012, 68, 9818-9825.	1.0	16
30	Highly selective perfluoroalkylchalcogenation of alkynes by the combination of iodoperfluoroalkanes and organic dichalcogenides upon photoirradiation. <i>Tetrahedron</i> , 2012, 68, 10516-10522.	1.0	24
31	Pd-catalyzed coupling reaction of acid chlorides with terminal alkynes using 1-(2-pyridylethynyl)-2-(2-thienylethynyl)benzene ligand. <i>Tetrahedron Letters</i> , 2012, 53, 1764-1767.	0.7	34
32	Cobalt-Catalyzed Thiolative Lactonization of Alkynes with Double CO Incorporation. <i>Organometallics</i> , 2011, 30, 4539-4543.	1.1	25
33	Rhodium-Catalyzed Highly Stereoselective Hydroselenation of Internal Alkynes Bearing an Electron-withdrawing Group. <i>Organometallics</i> , 2011, 30, 6766-6769.	1.1	22
34	PtCl <sub>2</sub> -Catalyzed Cyclization of <i>o</i> -Diethynylbenzene Derivatives Triggered by Intramolecular Nucleophilic Attack. <i>Synthetic Communications</i> , 2011, 41, 1077-1087.	1.1	12
35	Copper-free Sonogashira Coupling Reaction Using a <i>trans</i> -Spanning 1,2-Bis(2-thienylethynyl)benzene Ligand. <i>Chemistry Letters</i> , 2011, 40, 925-927.	0.7	14
36	IrCl <sub>3</sub> or FeCl <sub>3</sub> -catalyzed convenient synthesis of 3-hydroxyphthalates. <i>Tetrahedron Letters</i> , 2011, 52, 6238-6241.	0.7	18

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37	Synthesis of 2-Halogenated Quinolines by Halide-Mediated Intramolecular Cyclization of <i>o</i> -Alkynylaryl Isocyanides. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 822-824.	2.0	26
38	Highly Selective Phosphinotelluration of Terminal Alkynes Using a (Ph) <sub>2</sub> P(PhTe) <sub>2</sub> Mixed System upon Visible Light Irradiation: Straightforward Access to 1-Phosphino-2-telluro-alkenes. <i>Organometallics</i> , 2010, 29, 312-316.	1.1	34
39	Rhodium-Catalyzed Anti-Markovnikov-Type Hydrophosphination of Terminal Alkynes with Diphosphines and Hydrosilanes in the Presence of Oxygen. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1090-1097.	0.8	11
40	Transition-metal-catalyzed hydrothiolation of cyclohexylallene with benzenethiol or diphenyl disulfide. <i>Journal of Sulfur Chemistry</i> , 2009, 30, 309-318.	1.0	23
41	Photoinduced hydrophosphinylation of alkenes with diphenylphosphine oxide. <i>Tetrahedron Letters</i> , 2009, 50, 624-626.	0.7	46
42	Formation of naphthodithiophene isomers by flash vacuum pyrolysis of 1,6-di(2-thienyl)- and 1,6-di(3-thienyl)-1,5-hexadien-3-yne. <i>Comptes Rendus Chimie</i> , 2009, 12, 378-384.	0.2	10
43	Selective Metallation of 3-Halothiophenes: Practical Methods for the Synthesis of 2-Bromo-3-formylthiophene. <i>Synthetic Communications</i> , 2009, 39, 3315-3323.	1.1	9
44	Highly Regioselective Simultaneous Introduction of Phosphino and Seleno Groups into Unsaturated Bonds by the Novel Combination of (Ph) <sub>2</sub> P(PhSe) <sub>2</sub> and (PhSe) <sub>2</sub> upon Photoirradiation. <i>Journal of Organic Chemistry</i> , 2009, 74, 1751-1754.	1.7	63
45	Copper(0)-induced aminocyclopropanation of olefins via deselenation of N,N-disubstituted aromatic selenoamides. <i>Tetrahedron</i> , 2008, 64, 9983-9988.	1.0	10
46	Solvophobicity driven self-association of a butadiyne-bridged pyridine macrocycle. <i>Tetrahedron</i> , 2008, 64, 11490-11494.	1.0	14
47	Donors and Acceptors Based on Triangular Dehydrobenzo[12]annulenes: Formation of a Triple-Layered Rosette Structure by a Charge-Transfer Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 14339-14345.	6.6	91
48	Site-Selective Guest Inclusion in Molecular Networks of Butadiyne-Bridged Pyridino and Benzeno Square Macrocycles on a Surface. <i>Journal of the American Chemical Society</i> , 2008, 130, 6666-6667.	6.6	66
49	A Highly Regioselective Palladium-Catalyzed Hydrophosphination of Alkynes Using a Diphosphine-Hydrosilane Binary System. <i>Journal of Organic Chemistry</i> , 2008, 73, 7928-7933.	1.7	30
50	Novel Photoinduced Reduction of Conjugate Dienes by the Combination of Benzenethiol and Diphenyl Diselenide. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2443-2445.	2.0	8
51	Syntheses and Photophysical Properties of Boomerang-shaped Bis(dehydrobenzo[12]annulene) and Trapezoid-shaped Tris(dehydrobenzo[12]annulene). <i>Chemistry Letters</i> , 2007, 36, 838-839.	0.7	21
52	Synthesis of Dehydrobenzo[18]annulene Derivatives and Formation of Self-Assembled Monolayers: Implications of Core Size on Alkyl Chain Interdigitation. <i>Langmuir</i> , 2007, 23, 10190-10197.	1.6	81
53	Two-Photon Absorption Properties of Dehydrobenzo[12]annulenes and Hexakis(phenylethynyl)benzenes: Effect of Edge-Linkage. <i>ChemPhysChem</i> , 2007, 8, 2671-2677.	1.0	33
54	Lewis acid-catalyzed reduction of dithioacetals by 1,4-cyclohexadiene. <i>Tetrahedron Letters</i> , 2007, 48, 3025-3028.	0.7	17

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55	Photoinduced thiotelluration of isocyanides by using a (PhS) <sub>2</sub> (PhTe) <sub>2</sub> mixed system, and its application to bithiolation via radical cyclization. <i>Tetrahedron Letters</i> , 2007, 48, 5953-5957.	0.7	58
56	A novel palladium(0)-catalyzed addition of diphenyl disulfide to allenes leading to vicinal disulfides and its application to carbonylation with carbon monoxide. <i>Tetrahedron Letters</i> , 2007, 48, 6312-6317.	0.7	31
57	A highly regioselective hydrophosphination of terminal alkynes with tetraphenyldiphosphine in the presence of palladium catalyst. <i>Tetrahedron Letters</i> , 2007, 48, 6637-6640.	0.7	31
58	Resonance Raman spectra of polyyne molecules C <sub>10</sub> H <sub>2</sub> and C <sub>12</sub> H <sub>2</sub> in solution. <i>Chemical Physics Letters</i> , 2007, 433, 296-300.	1.2	48
59	Theoretical Studies on Graphyne Substructures: Geometry, Aromaticity, and Electronic Properties of the Multiply Fused Dehydrobenzo[12]annulenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 1437-1442.	1.7	62
60	Two-Dimensional Porous Molecular Networks of Dehydrobenzo[12]annulene Derivatives via Alkyl Chain Interdigitation. <i>Journal of the American Chemical Society</i> , 2006, 128, 16613-16625.	6.6	343
61	Synthesis and Properties of Trefoil-Shaped Tris(hexadehydrotribenzo[12]annulene) and Tris(tetradehydrotribenzo[12]annulene). <i>Organic Letters</i> , 2006, 8, 2933-2936.	2.4	110
62	Molecular Geometry Directed Kagomé and Honeycomb Networks: Toward Two-Dimensional Crystal Engineering. <i>Journal of the American Chemical Society</i> , 2006, 128, 3502-3503.	6.6	143
63	A Clue to Elusive Macrocycles: Unusually Facile, Spontaneous Polymerization of a Hexagonal Diethynylbenzene Macrocycle. <i>Journal of Organic Chemistry</i> , 2006, 71, 401-404.	1.7	22
64	Novel Synthesis of Bridged Phenylthienylethenes and Dithienylethenes via Pd-Catalyzed Double-Cyclization Reactions of Diarylhexadienyne. <i>Organic Letters</i> , 2006, 8, 1197-1200.	2.4	37
65	Synthesis and Characterization of Cyclopentadienone-annelated Hexadehydrodibenzo[12]annulene. <i>Chemistry Letters</i> , 2006, 35, 168-169.	0.7	6
66	Strained Dehydrobenzoannulenes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 833-847.	1.2	66
67	Cyclophynes. , 2005, , 1-40.		16
68	Generation and Characterization of Highly Strained Dibenzotetrakisdehydro[12]- and Dibenzopentakisdehydro[14]annulenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 1853-1864.	1.7	21
69	Convenient Synthesis and Photophysical Properties of Tetrabenzopentakisdehydro[12]annuleno[12]annulene. <i>Chemistry Letters</i> , 2004, 33, 972-973.	0.7	38
70	Efficient Synthesis of Biindenylidene Derivatives via a Domino-Heck-Type Double Cyclization of Diaryldienynes. <i>Organic Letters</i> , 2003, 5, 3411-3414.	2.4	42
71	m-Diethynylbenzene Macrocycles: Syntheses and Self-Association Behavior in Solution. <i>Journal of the American Chemical Society</i> , 2002, 124, 5350-5364.	6.6	225
72	[12.12]Paracyclophanedodecaynes C <sub>36</sub> H <sub>8</sub> and C <sub>36</sub> Cl <sub>8</sub> : The Smallest Paracyclophynes and Their Transformation into the Carbon Cluster Ion C <sub>36</sub> <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2002, 41, 16-16.	7.2	0

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73	Flash vacuum pyrolysis of 1,6-diphenyl-1,5-hexadien-3-yne: tandem diaryldienyne cyclizations to form chrysene. <i>Tetrahedron Letters</i> , 2002, 43, 5269-5272.	0.7	13
74	Synthesis of Differentially Substituted Hexaethynylbenzenes Based on Tandem Sonogashira and Negishi Cross-Coupling Reactions. <i>Organic Letters</i> , 2001, 3, 2419-2421.	2.4	119
75	[12.12]Paracyclophanedodecaynes C <sub>36</sub> H <sub>8</sub> and C <sub>36</sub> Cl <sub>8</sub> : The Smallest Paracyclophynes and Their Transformation into the Carbon Cluster Ion C <sub>36</sub> <sup>+</sup> This work was supported in part by Grants-in-Aid for Scientific Research from the Ministry of Education, Science, Sports and Culture of Japan. Y.T. is grateful to Shin-Etsu Chemical Co. for the generous gift of an organosilicon reagent.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4072.	7.2	33
76	Synthesis and Association Behavior of Butadiyne-Bridged [44](2,6)Pyridinophane and [46](2,6)Pyridinophane Derivatives. <i>Organic Letters</i> , 2000, 2, 3265-3268.	2.4	94
77	Efficient catalytic addition of aromatic carbon-hydrogen bonds to olefins. <i>Nature</i> , 1993, 366, 529-531.	13.7	1,273