Mikiko Sodeoka

List of PR Articles by Year
in descending order

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257 PR articles	13,994 PR citations	11341 61 PR h-index	13424 116 g-index
279 documents	16528 doc citations	11035 67 h-index	12268 citing authors

#	Article	IF	PR Citations
1	Catalytic oxidative carbonâ€“carbon bond-formations of benzene-1,2-diols. Pure and Applied Chemistry, 2024, 96, 5-21.	2.0	3
2	Aerobic Photoredox Catalyzed Oxamate Ester Synthesis from Bromodifluoroacetate Esters. European Journal of Organic Chemistry, 2024, 27, .	2.3	4
3	Catalytic Aerobic Carbooxygenation for the Construction of Vicinal Tetrasubstituted Centers: Application to the Synthesis of Hexasubstituted Î³â€Lactones. Angewandte Chemie - International Edition, 2024, 63, .	14.4	5
4	Catalytic Aerobic Carbooxygenation for the Construction of Vicinal Tetrasubstituted Centers: Application to the Synthesis of Hexasubstituted Î³â€Lactones. Angewandte Chemie, 2024, 136, .	1.4	1
5	Ligandâ€Controlled Copperâ€Catalyzed Haloâ€Halodifluoromethylation of Alkenes and Alkynes Using Fluorinated Carboxylic Anhydrides. Angewandte Chemie, 2024, 136, .	1.4	0
6	Color-scalable flow cytometry with Raman tags. PNAS Nexus, 2023, 2, .	3.1	20
7	Evolution and Future of Heteroâ€and Hydroâ€Trifluoromethylations of Unsaturated Câˆ’C Bonds. Advanced Synthesis and Catalysis, 2023, 365, 398-462.	3.8	52
8	Experimental and Computational Investigation of Facial Selectivity Switching in Nickelâ€“Diamineâ€“Acetate-Catalyzed Michael Reactions. Journal of Organic Chemistry, 2023, 88, 7764-7773.	3.5	2
9	Synthesis and biological activity of ganglioside GM3 analogues with a (S)-CHF-Sialoside linkage and an alkyne tag. Glycoconjugate Journal, 2023, 40, 333-341.	2.8	1
10	Catalytic Difluoromethylation of Alkenes with Difluoroacetic Anhydride: Reactivity of Fluorinated Diacyl Peroxides and Radicals. Advanced Synthesis and Catalysis, 2023, 365, 3637-3647.	3.8	15
11	Simple purification of small-molecule-labelled peptides via palladium enolate formation from Î²-ketoamide tags. Chemical Science, 2023, 14, 8249-8254.	7.1	1
12	Understanding and Controlling Fluorinated Diacyl Peroxides and Fluoroalkyl Radicals in Alkene Fluoroalkylations. Chemical Record, 2023, 23, .	6.7	5
13	Ratiometric analysis of reversible thia-Michael reactions using nitrile-tagged molecules by Raman microscopy. Chemical Communications, 2023, 59, 14563-14566.	3.4	11
14	Effect of Alkynyl Group on Reactivity in Photoaffinity Labeling with 2â€Thienylâ€Substituted Îµâ€Ketoamide. Chemistry - A European Journal, 2022, 28, .	3.4	2
15	Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1Îµ chromodomain in living cells. Cell Chemical Biology, 2022, 29, 1153-1161.e5.	6.2	5
16	Deuterium Raman imaging for lipid analysis. Current Opinion in Chemical Biology, 2022, 70, 102181.	5.9	32
17	Pdâ€catalyzed Aerobic Crossâ€Dehydrogenative Coupling of Catechols with 2â€Oxindoles and Benzofuranones: Reactivity Difference Between Monomer and Dimer. Chemistry - an Asian Journal, 2022, 17, .	3.0	8
18	Chemoproteomic Identification of Blue-Light-Damaged Proteins. Journal of the American Chemical Society, 2022, 144, 20171-20176.	15.0	34

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19	Dual targeting of DDX3 and eIF4A by the translation inhibitor rocaglamide A. Cell Chemical Biology, 2021, 28, 475-486.e8.	6.2	72
20	Synthesis of deuterated Î³-linolenic acid and application for biological studies: metabolic tuning and Raman imaging. Chemical Communications, 2021, 57, 2180-2183.	3.4	40
21	1,2-Bis-perfluoroalkylations of alkenes and alkynes with perfluorocarboxylic anhydridesviathe formation of perfluoroalkylcopper intermediates. Organic and Biomolecular Chemistry, 2021, 19, 9148-9153.	2.6	14
22	Detecting nitrile-containing small molecules by infrared photothermal microscopy. Analyst, The, 2021, 146, 2307-2312.	3.1	11
23	Deuteration of terminal alkynes realizes simultaneous live cell Raman imaging of similar alkyne-tagged biomolecules. Organic and Biomolecular Chemistry, 2021, 19, 8232-8236.	2.6	25
24	The methyltransferase METTL9 mediates pervasive 1-methylhistidine modification in mammalian proteomes. Nature Communications, 2021, 12, .	13.9	96
25	Cross-Coupling Reactions of Persistent Tertiary Carbon Radicals. Bulletin of the Chemical Society of Japan, 2021, 94, 1066-1079.	3.7	21
26	Dynamics in Catalytic Asymmetric Diastereoconvergent (3 + 2) Cycloadditions with Isomerizable Nitrones and Î±-Keto Ester Enolates. Journal of the American Chemical Society, 2021, 143, 9094-9104.	15.0	19
27	Multiwell Raman plate reader for high-throughput biochemical screening. Scientific Reports, 2021, 11, .	3.5	22
28	A decade of alkyne-tag Raman imaging (ATRI): applications in biological systems. RSC Chemical Biology, 2021, 2, 1415-1429.	3.3	57
29	Recent advances in reactions using diacyl peroxides as sources of O- and C-functional groups. Organic and Biomolecular Chemistry, 2021, 19, 2096-2109.	2.6	36
30	Ganglioside GM3 Analogues Containing Monofluoromethylene-Linked Sialoside: Synthesis, Stereochemical Effects, Conformational Behavior, and Biological Activities. Jacs Au, 2021, 1, 137-146.	6.5	24
31	Propargylic Se-adenosyl-<scp>l</scp>-selenomethionine: A Chemical Tool for Methylome Analysis. Accounts of Chemical Research, 2021, 54, 3818-3827.	17.1	30
32	Recent Advances on the Halo- and Cyano-Trifluoromethylation of Alkenes and Alkynes. Molecules, 2021, 26, 7221.	4.3	27
33	Design, Synthesis, and Antifungal Activity of 16,17-Dihydroheronamide C and ent-Heronamide C. Journal of Organic Chemistry, 2021, 86, 16249-16258.	3.5	7
34	Quantitative Drug Dynamics Visualized by Alkyne-Tagged Plasmonic-Enhanced Raman Microscopy. ACS Nano, 2020, 14, 15032-15041.	15.3	67
35	Regiodivergent Oxidative Cross-Coupling of Catechols with Persistent tert-Carbon Radicals. ACS Catalysis, 2020, 10, 12770-12782.	12.4	27
36	Synthesis of DFGH-Ring Derivatives of Physalins via One-Pot Construction of GH-Ring and Evaluation of Their NF-ÎºB-Inhibitory Activity. Organic Letters, 2020, 22, 8877-8881.	4.8	3

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37	Image-based screen capturing misfolding status of Niemann-Pick type C1 identifies potential candidates for chaperone drugs. PLoS ONE, 2020, 15, e0243746.	2.4	14
38	Fluoroalkylation Methods for Synthesizing Versatile Building Blocks. Bulletin of the Chemical Society of Japan, 2019, 92, 1245-1262.	3.7	28
39	Development of a Water-Soluble Indolylmaleimide Derivative IM-93 Showing Dual Inhibition of Ferroptosis and NETosis. ACS Medicinal Chemistry Letters, 2019, 10, 1272-1278.	3.4	9
40	Crossâ€Coupling Reaction of Dimerâ€Derived Persistent Tertiaryâ€Carbonâ€Centered Radicals with Azo Compounds. Asian Journal of Organic Chemistry, 2019, 8, 1017-1023.	2.3	17
41	Highly Chemoselective gemâ€Difluoropropargylation of Aliphatic Alcohols. Chemistry - A European Journal, 2019, 25, 16002-16006.	3.4	7
42	Molecular Field Analysis Using Intermediates in Enantio-Determining Steps Can Extract Information for Data-Driven Molecular Design in Asymmetric Catalysis. Bulletin of the Chemical Society of Japan, 2019, 92, 1701-1706.	3.7	20
43	Control of site selectivity in trifluoromethylation of alkenes bearing a pendant indolyl group: Synthesis of CF3-containing tetrahydrocarbazoles. Tetrahedron, 2019, 75, 1327-1335.	2.0	8
44	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylationâ€Inhibitory Activity. Chemistry - A European Journal, 2019, 25, 8387-8392.	3.4	7
45	Detection of esterase activity by chromogenic and fluorogenic probe based on an O-nitrobenzoxadiazole (O-NBD) unit. Bioorganic and Medicinal Chemistry, 2019, 27, 1444-1448.	2.6	12
46	Synthesis of All Stereoisomers of RK460 and Evaluation of Their Activity and Selectivity as Abscisic Acid Receptor Antagonists. Chemistry - A European Journal, 2019, 25, 3496-3500.	3.4	4
47	The Translation Inhibitor Rocaglamide Targets a Bimolecular Cavity between eIF4A and Polypurine RNA. Molecular Cell, 2019, 73, 738-748.e9.	13.4	186
48	Thienyl-Substituted Î±-Ketoamide: A Less Hydrophobic Reactive Group for Photo-Affinity Labeling. ACS Chemical Biology, 2018, 13, 876-880.	3.7	30
49	The alkyne-tag Raman imaging of coronatine, a plant pathogen virulence factor, in Commelina communis and its possible mode of action. Organic and Biomolecular Chemistry, 2018, 16, 3348-3352.	2.6	7
50	Indolylmaleimide Derivative IM-17 Shows Cardioprotective Effects in Ischemia-Reperfusion Injury. ACS Medicinal Chemistry Letters, 2018, 9, 182-187.	3.4	6
51	Modern Approaches for Asymmetric Construction of Carbonâ€“Fluorine Quaternary Stereogenic Centers: Synthetic Challenges and Pharmaceutical Needs. Chemical Reviews, 2018, 118, 3887-3964.	52.7	605
52	Tri-methylation of ATF7IP by G9a/GLP recruits the chromodomain protein MPP8. Epigenetics and Chromatin, 2018, 11, .	3.3	57
53	Development of Chaetocin and Sâ€Adenosylmethionine Analogues as Tools for Studying Protein Methylation. Chemical Record, 2018, 18, 1660-1671.	6.7	10
54	Reactivity and properties of bis(chlorodifluoroacetyl) peroxide generated in situ from chlorodifluoroacetic anhydride for chlorodifluoromethylation reactions. Chemical Communications, 2018, 54, 11276-11279.	3.4	42

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55	Unveiling epidithiodiketopiperazine as a non-histone arginine methyltransferase inhibitor by chemical protein methylome analyses. Chemical Communications, 2018, 54, 9202-9205.	3.4	12
56	Metal-free alkene oxy- and amino-perfluoroalkylations via carbocation formation by using perfluoro acid anhydrides: unique reactivity between styrenes and perfluoro diacyl peroxides. Chemical Science, 2018, 9, 7115-7121.	7.1	55
57	Noncanonical Function of a Small-Molecular Virulence Factor Coronatine against Plant Immunity: An In Vivo Raman Imaging Approach. ACS Central Science, 2017, 3, 462-472.	9.2	25
58	Synthesis of polyunsaturated fatty acid-containing glucuronosyl-diacylglycerol through direct glycosylation. Tetrahedron Letters, 2017, 58, 2915-2918.	1.4	5
59	Crystal structural characterization reveals novel oligomeric interactions of human voltageâ€dependent anion channel 1. Protein Science, 2017, 26, 1749-1758.	6.0	30
60	Convergent Synthesis of the ent-ZAâ€²Bâ€²Câ€²Dâ€²-Ring System of Maitotoxin. Organic Letters, 2017, 19, 3203-3206.	4.8	14
61	Naked d-orbital in a centrochiral Ni(II) complex as a catalyst for asymmetric [3+2] cycloaddition. Nature Communications, 2017, 8, .	13.9	44
62	Synthesis of the Rightâ€Side Structure of Type B Physalins. Israel Journal of Chemistry, 2017, 57, 309-318.	2.0	13
63	N-Heterocycle-Forming Amino/Carboperfluoroalkylations of Aminoalkenes by Using Perfluoro Acid Anhydrides: Mechanistic Studies and Applications Directed Toward Perfluoroalkylated Compound Libraries. Journal of Organic Chemistry, 2017, 82, 12539-12553.	3.5	40
64	Synthesis of CF3-containing oxazolines via trifluoromethylation of allylamides with Togni reagent in the presence of alkali metal iodides. Journal of Fluorine Chemistry, 2017, 203, 115-121.	1.6	24
65	Hyperoxidation of ether-linked phospholipids accelerates neutrophil extracellular trap formation. Scientific Reports, 2017, 7, .	3.5	45
66	Specific fluorescence labeling of target proteins by using a ligandâ€“4-azidophthalimide conjugate. Chemical Communications, 2017, 53, 8751-8754.	3.4	21
67	Catalytic Enantioselective [3 + 2] Cycloaddition of Î±-Keto Ester Enolates and Nitrile Oxides. Journal of the American Chemical Society, 2017, 139, 8661-8666.	15.0	46
68	Reversibility of 3-Phenyl-2-oxindole Dimer Formation: Application to Construct Compounds with Two Distinct Vicinal All-Carbon Quaternary Centers. Heterocycles, 2017, 95, 1030.	0.4	21
69	Comparative Characterization of the Leaf Tissue of Physalis alkekengi and Physalis peruviana Using RNA-seq and Metabolite Profiling. Frontiers in Plant Science, 2016, 7, .	4.1	31
70	Perfluoroalkylation of Unactivated Alkenes with Acid Anhydrides as the Perfluoroalkyl Source. Angewandte Chemie, 2016, 128, 8882-8885.	1.4	25
71	Platinumâ€Catalyzed Friedelâ€“Craftsâ€Type Câ^'H Couplingâ€“Allylic Amination Cascade to Synthesize 3,4â€Fused Tricyclic Indoles. Chemistry - A European Journal, 2016, 22, 4418-4421.	3.4	31
72	Perfluoroalkylation of Unactivated Alkenes with Acid Anhydrides as the Perfluoroalkyl Source. Angewandte Chemie - International Edition, 2016, 55, 8740-8743.	14.4	97

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73	Structureâ€“Activity Relationship Study of 3-Amino-2-indolyllactam Derivatives: Development of Inhibitors of Oxidative Stress-Induced Necrosis. Chemical and Pharmaceutical Bulletin, 2016, 64, 886-898.	1.3	6
74	Identification of novel secreted fatty acids that regulate nitrogen catabolite repression in fission yeast. Scientific Reports, 2016, 6, .	3.5	14
75	Alkyne-Tag SERS Screening and Identification of Small-Molecule-Binding Sites in Protein. Journal of the American Chemical Society, 2016, 138, 13901-13910.	15.0	99
76	A new carbamidemethyl-linked lanthanoid chelating tag for PCS NMR spectroscopy of proteins in living HeLa cells. Journal of Biomolecular NMR, 2016, 66, 99-110.	1.5	43
77	Total synthesis of natural derivatives and artificial analogs of 13-oxyingenol and their biological evaluation. Organic and Biomolecular Chemistry, 2016, 14, 11426-11437.	2.6	5
78	Solvent-dependent copper-catalyzed synthesis of pyrazoles under aerobic conditions. Chemical Communications, 2016, 52, 14093-14096.	3.4	61
79	High-speed Raman imaging of cellular processes. Current Opinion in Chemical Biology, 2016, 33, 16-24.	5.9	53
80	Dual function of coronatine as a bacterial virulence factor against plants: possible COI1â€“JAZ-independent role. RSC Advances, 2016, 6, 19404-19412.	4.4	16
81	Development of Dual-specificity Protein Phosphatases Inhibitors based on Focused Library Approach: Modification of a Core Structure and Unique Inhibition Mechanism. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 532-540.	0.2	0
82	Product Control in Alkene Trifluoromethylation: Hydrotrifluoromethylation, Vinylic Trifluoromethylation, and Iodotrifluoromethylation using Togni Reagent. Chemistry - an Asian Journal, 2015, 10, 2190-2199.	3.0	65
83	Reactions of Carbonyl Compounds with Phosphorus Ylide Generated from Tribromofluoromethane and Tris(dimethylamino)phosphine. Chemistry Letters, 2015, 44, 1389-1391.	1.1	13
84	VDAC3 gating is activated by suppression of disulfide-bond formation between the N-terminal region and the bottom of the pore. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 3188-3196.	2.2	65
85	Dualâ€polarization Raman spectral imaging to extract overlapping molecular fingerprints of living cells. Journal of Biophotonics, 2015, 8, 546-554.	2.1	16
86	<i>C</i>-Sialosides: Synthesis and Biological Activities. Trends in Glycoscience and Glycotechnology, 2015, 27, 47-60.	0.1	0
87	Novel Raman-tagged sphingomyelin that closely mimics original raft-forming behavior. Bioorganic and Medicinal Chemistry, 2015, 23, 2989-2994.	2.6	18
88	A sensitive and specific Raman probe based on bisarylbutadiyne for live cell imaging of mitochondria. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 664-667.	2.1	60
89	Unique features of chiral palladium enolates derived from Î²-ketoamide: structure and catalytic asymmetric Michael andÂfluorination reactions. Tetrahedron, 2015, 71, 6594-6601.	2.0	19
90	Focused Library with a Core Structure Extracted from Natural Products and Modified: Application to Phosphatase Inhibitors and Several Biochemical Findings. Accounts of Chemical Research, 2015, 48, 1464-1473.	17.1	11

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91	Aminotrifluoromethylation of Olefins via Cyclic Amine Formation: Mechanistic Study and Application to Synthesis of Trifluoromethylated Pyrrolidines. Journal of the American Chemical Society, 2015, 137, 4865-4873.	15.0	130
92	Sphingomyelin distribution in lipid rafts of artificial monolayer membranes visualized by Raman microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4558-4563.	7.6	134
93	Saccharothriolides Aâ€“C, novel phenyl-substituted 10-membered macrolides isolated from a rare actinomycete Saccharothrix sp.. Chemical Communications, 2015, 51, 8074-8077.	3.4	25
94	Mechanistic study on a unique SN2â€²-type reaction of allylic alcohols with organolithium reagent accelerated by a proximal trifluoromethyl group. Journal of Fluorine Chemistry, 2015, 179, 121-128.	1.6	6
95	Photo-induced formation of cyclopropanols from Î±-ketoamides via Î³-CH bond activation. Tetrahedron Letters, 2015, 56, 5991-5994.	1.4	7
96	Selenium-Based S-Adenosylmethionine Analog Reveals the Mammalian Seven-Beta-Strand Methyltransferase METTL10 to Be an EF1A1 Lysine Methyltransferase. PLoS ONE, 2014, 9, e105394.	2.4	89
97	Trifluormethylierung von Alkenen unter gleichzeitiger EinfÃ¼hrung weiterer funktioneller Gruppen. Angewandte Chemie, 2014, 126, 8434-8449.	1.4	155
98	A â€œCatchâ€andâ€Releaseâ€•Protocol for Alkyneâ€Tagged Molecules Based on a Resinâ€Bound Cobalt Complex for Peptide Enrichment in Aqueous Media. Chemistry - A European Journal, 2014, 20, 8116-8128.	3.4	13
99	Metal-catalyzed synthesis of heterocycles bearing a trifluoromethyl group. Pure and Applied Chemistry, 2014, 86, 1247-1256.	2.0	16
100	RE12 derivatives displaying Vaccinia H1-related phosphatase (VHR) inhibition in the presence of detergent and their anti-proliferative activity against HeLa cells. Bioorganic and Medicinal Chemistry, 2014, 22, 2771-2782.	2.6	6
101	Simultaneous imaging of protonated and deprotonated carbonylcyanide p-trifluoromethoxyphenylhydrazone in live cells by Raman microscopy. Chemical Communications, 2014, 50, 1341-1343.	3.4	56
102	Trifluoromethylation of Alkenes with Concomitant Introduction of Additional Functional Groups. Angewandte Chemie - International Edition, 2014, 53, 8294-8308.	14.4	688
103	Turn-ON fluorescent affinity labeling using a small bifunctional O-nitrobenzoxadiazole unit. Chemical Science, 2014, 5, 1021-1029.	7.1	90
104	Dual Catalysis with Copper and Rhenium for Trifluoromethylation of Propargylic Alcohols: Efficient Synthesis of Î±â€Trifluoromethylated Enones. Chemistry - A European Journal, 2014, 20, 12061-12065.	3.4	40
105	Oxy-trifluoromethylation of alkenes and its application to the synthesis of Î²-trifluoromethylstyrene derivatives. Journal of Fluorine Chemistry, 2014, 167, 172-178.	1.6	51
106	Epidithiodiketopiperazine as a pharmacophore for protein lysine methyltransferase G9a inhibitors: Reducing cytotoxicity by structural simplification. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 733-736.	2.1	41
107	Iron-catalyzed trifluoromethylation with concomitant Câ€“C bond formation via 1,2-migration of an aryl group. Chemical Communications, 2013, 49, 7346.	3.4	169
108	Synthesis and evaluation of 2,3-dinorprostaglandins: Dinor-PGD1 and 13-epi-dinor-PGD1 are peroxisome proliferator-activated receptor Î±/Î³ dual agonists. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3013-3017.	2.1	3

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109	Molecular imaging of live cells by Raman microscopy. Current Opinion in Chemical Biology, 2013, 17, 708-715.	5.9	200
110	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.	2.6	25
111	CDC25A-inhibitory RE derivatives bind to pocket adjacent to the catalytic site. Molecular BioSystems, 2013, 9, 1026.	3.2	5
112	Concise synthesis of oxindole derivatives bearing a 3-trifluoroethyl group: Copper-catalyzed trifluoromethylation of acryloanilides. Journal of Fluorine Chemistry, 2013, 152, 51-55.	1.6	112
113	Alkene Trifluoromethylation Coupled with Cï£¿C Bond Formation: Construction of Trifluoromethylated Carbocycles and Heterocycles. Angewandte Chemie - International Edition, 2013, 52, 4000-4003.	14.4	276
114	Unexpected Dielsâ€“Alder/Carbonyl-ene Cascade toward the Biomimetic Synthesis of Chloropupukeananin. Organic Letters, 2013, 15, 1748-1751.	4.8	31
115	Contribution of Cage-Shaped Structure of Physalins to Their Mode of Action in Inhibition of NF-Îºß Activation. ACS Medicinal Chemistry Letters, 2013, 4, 730-735.	3.4	28
116	Trifluoromethylation Reactions for the Synthesis of Î²â€Trifluoromethylamines. Angewandte Chemie - International Edition, 2013, 52, 7841-7844.	14.4	198
117	Alkene Trifluoromethylation Coupled with Cï£¿C Bond Formation: Construction of Trifluoromethylated Carbocycles and Heterocycles. Angewandte Chemie, 2013, 125, 4092-4095.	1.4	106
118	Trifluoromethylation Reactions for the Synthesis of Î²â€Trifluoromethylamines. Angewandte Chemie, 2013, 125, 7995-7998.	1.4	62
119	Label-free Raman observation of cytochrome c dynamics during apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 28-32.	7.6	463
120	Synthesis and biological activities of chaetocin and its derivatives. Pure and Applied Chemistry, 2012, 84, 1369-1378.	2.0	24
121	Rapid Trifluoromethylation of Indole Derivatives. Heterocycles, 2012, 86, 979.	0.4	35
122	Alkyne-Tag Raman Imaging for Visualization of Mobile Small Molecules in Live Cells. Journal of the American Chemical Society, 2012, 134, 20681-20689.	15.0	439
123	Kinetically Controlled One-Pot Formation of DEFGH-Rings of Type B Physalins through Domino-Type Transformations. Organic Letters, 2012, 14, 3434-3437.	4.8	14
124	Oxytrifluoromethylation of multiple bonds using copper catalyst under mild conditions. Tetrahedron Letters, 2012, 53, 5503-5506.	1.4	184
125	Small-molecular inhibitors of Ca2+-induced mitochondrial permeability transition (MPT) derived from muscle relaxant dantrolene. Bioorganic and Medicinal Chemistry, 2012, 20, 6384-6393.	2.6	23
126	Dual-Specificity Phosphatase CDC25A/B Inhibitor Identified from a Focused Library with Nonelectrophilic Core Structure. ACS Medicinal Chemistry Letters, 2012, 3, 294-298.	3.4	24

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127	Imaging Small Molecules in Living Cells with a Tiny Tag and Raman Microscopy. Seibutsu Butsuri, 2012, 52, 034-035.	0.1	0
128	Catalytic Asymmetric Monoâ€Fluorination of Î±â€Keto Esters: Synthesis of Optically Active Î²â€Fluoroâ€Î±â€Hydroxy and Î²â€Fluoroâ€Î±â€Amino Acid Derivatives. Angewandte Chemie - International Edition, 2012, 51, 4581-4585.	14.4	76
129	Copperâ€Catalyzed Trifluoromethylation of Allylsilanes. Angewandte Chemie, 2012, 124, 4655-4658.	1.4	75
130	Catalytic Asymmetric Monoâ€Fluorination of Î±â€Keto Esters: Synthesis of Optically Active Î²â€Fluoroâ€Î±â€Hydroxy and Î²â€Fluoroâ€Î±â€Amino Acid Derivatives. Angewandte Chemie, 2012, 124, 4659-4663.	1.4	18
131	Copperâ€Catalyzed Trifluoromethylation of Allylsilanes. Angewandte Chemie - International Edition, 2012, 51, 4577-4580.	14.4	208
132	Synthesis of Optically Pure Norcantharidin Analogue NCAâ€01, a Highly Selective Protein Phosphatase 2B Inhibitor, and its Derivatives. Chemistry - an Asian Journal, 2012, 7, 1221-1230.	3.0	8
133	Imaging of EdU, an Alkyne-Tagged Cell Proliferation Probe, by Raman Microscopy. Journal of the American Chemical Society, 2011, 133, 6102-6105.	15.0	338
134	Catch and release of alkyne-tagged molecules in water by a polymer-supported cobalt complex. Organic and Biomolecular Chemistry, 2011, 9, 7667.	2.6	12
135	Studies on the Selectivity between Glycosylation and Intermolecular Aglycone Transfer of Thioglucoside in Synthesis of Lactose Derivatives. Chemistry Letters, 2011, 40, 877-879.	1.1	15
136	Epipolythiodiketopiperazine Alkaloids: Total Syntheses and Biological Activities. Israel Journal of Chemistry, 2011, 51, 420-433.	2.0	62
137	Scope and Mechanism of Tandem Azaâ€Michael Reaction/Enantioselective Protonation Using a Pdâ€"Î¼â€Hydroxo Complex under Mild Conditions Buffered with Amine Salts. Chemistry - an Asian Journal, 2011, 6, 658-668.	3.0	20
138	Total syntheses of chaetocin and ent-chaetocin. Tetrahedron, 2011, 67, 6587-6599.	2.0	61
139	Catalytic Asymmetric Î±â€Chlorination of 3â€Acyloxazolidinâ€2â€one with a Trinary Catalytic System. European Journal of Organic Chemistry, 2011, 2011, 3675-3678.	2.3	28
140	Development of a Vaccinia H1â€Related (VHR) Phosphatase Inhibitor with a Nonacidic Phosphateâ€Mimicking Core Structure. ChemMedChem, 2011, 6, 617-622.	3.1	21
141	Design and synthesis of protein kinase CÎ± activators based on â€˜out of pocketâ€™ interactions. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3587-3590.	2.1	6
142	Development of Novel Asymmetric Reactions Based on Acid-base Catalysis of Late Transition Metal Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 972-984.	0.2	2
143	Diastereo- and Enantioselective Conjugate Addition of Î±-Ketoesters to Nitroalkenes Catalyzed by a Chiral Ni(OAc)₂ Complex under Mild Conditions. Journal of the American Chemical Society, 2010, 132, 4036-4037.	15.0	116
144	Recent Advances in Catalytic Enantioselective Fluorination Reactions. Advanced Synthesis and Catalysis, 2010, 352, 2708-2732.	3.8	264

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145	Asymmetric conjugate addition of Î±-keto esters to nitroolefins catalyzed by chiral CuII hydroxo complexes. Tetrahedron: Asymmetry, 2010, 21, 1682-1687.	1.6	22
146	Direct C2-trifluoromethylation of indole derivatives catalyzed by copper acetate. Tetrahedron Letters, 2010, 51, 5947-5949.	1.4	169
147	Unnatural enantiomer of chaetocin shows strong apoptosis-inducing activity through caspase-8/caspase-3 activation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5085-5088.	2.1	33
148	Development of selective inhibitors of necrosis. Chemical Record, 2010, 10, 308-314.	6.7	20
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