Shigeki Matsunaga

List of Publications by Year
in descending order

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		6613	13379
294	20,633	79	130
papers	citations	h-index	g-index

304	304	304	12376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ruthenium(II)/Chiral Carboxylic Acid Catalyzed Enantioselective Câ€“H Functionalization of Sulfoximines. Synthesis, 2022, 54, 4703-4710.	2.3	27
2	1,2-Disubstituted 1,2-Dihydro-1,2,4,5-tetrazine-3,6-dione as a Dynamic Covalent Bonding Unit at Room Temperature. Journal of the American Chemical Society, 2022, 144, 1370-1379.	13.7	10
3	Intramolecular Hydrogen Atom Transfer Hydroarylation of Alkenes toward Î´-Lactams Using Cobalt-Photoredox Dual Catalysis. Organic Letters, 2022, 24, 2441-2445.	4.6	13
4	Regioselective Deaminative Allylation of Aliphatic Amines via Dual Cobalt and Organophotoredox Catalysis. Organic Letters, 2022, 24, 2120-2124.	4.6	14
5	Single-cell metabolite detection and genomics reveals uncultivated talented producer. , 2022, 1, .		15
6	Achiral Cp*Rh(III)/Chiral Lewis Base Cooperative Catalysis for Enantioselective Cyclization via Câ€“H Activation. Journal of the American Chemical Society, 2022, 144, 7058-7065.	13.7	24
7	Cobalt(III)/Chiral Carboxylic Acidâ€Catalyzed Enantioselective Synthesis of Benzothiadiazineâ€1â€oxides via Câ^'H Activation. Angewandte Chemie, 2022, 134, .	2.0	6
8	Cobalt(III)/Chiral Carboxylic Acidâ€Catalyzed Enantioselective Synthesis of Benzothiadiazineâ€1â€oxides via Câ^'H Activation. Angewandte Chemie - International Edition, 2022, 61, e202205341.	13.8	51
9	Aciculitin D, a cytotoxic heterodetic cyclic peptide from a Poecillastra sp. marine sponge. Tetrahedron, 2022, 119, 132859.	1.9	5
10	Chemoselective Cleavage of Siâ€“C(sp³) Bonds in Unactivated Tetraalkylsilanes Using Iodine Tris(trifluoroacetate). Journal of the American Chemical Society, 2021, 143, 103-108.	13.7	24
11	Transition-metal-free nucleophilic ²¹¹At-astatination of spirocyclic aryliodonium ylides. Organic and Biomolecular Chemistry, 2021, 19, 5525-5528.	2.8	5
12	Silane- and peroxide-free hydrogen atom transfer hydrogenation using ascorbic acid and cobalt-photoredox dual catalysis. Nature Communications, 2021, 12, 966.	12.8	58
13	Metal-Containing Schiff Base/Sulfoxide Ligands for Pd(II)-Catalyzed Asymmetric Allylic Câ€“H Aminations. ACS Catalysis, 2021, 11, 2663-2668.	11.2	30
14	Development of Pseudo-C₂-symmetric Chiral Binaphthyl Monocarboxylic Acids for Enantioselective C(sp³)â€“H Functionalization Reactions under Rh(III) Catalysis. ACS Catalysis, 2021, 11, 4271-4277.	11.2	52
15	Myrindole A, an Antimicrobial Bis-indole from a Marine Sponge Myrmekioderma sp.. Organic Letters, 2021, 23, 3477-3480.	4.6	10
16	Structure Elucidation of Calyxoside B, a Bipolar Sphingolipid from a Marine Sponge Cladocroce sp. through the Use of Beckmann Rearrangement. Marine Drugs, 2021, 19, 287.	4.6	3
17	Oshimalides A and B, Sesterterpenes of the Manoalide Class from a Luffariella sp. Deep-Sea Marine Sponge: Application of Asymmetric Dihydroxylation in Structure Elucidation. Journal of Natural Products, 2021, 84, 1676-1680.	3.0	4
18	Chiral Carboxylic Acid Assisted Enantioselective Câ€“H Activation with Achiral Cp^xM^{III} (M = Co, Rh, Ir) Catalysts. ACS Catalysis, 2021, 11, 6455-6466.	11.2	99

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19	Homophymamide A, Heterodetic Cyclic Tetrapeptide from a Homophymia sp. Marine Sponge: A Cautionary Note on Configurational Assignment of Peptides That Contain a Ureido Linkage. Journal of Natural Products, 2021, 84, 1848-1853.	3.0	9
20	Generation of Monoaryl-Î»3-iodanes from Arylboron Compounds through ipso-Substitution. Heterocycles, 2021, 103, 670.	0.7	1
21	Cp*Ir(iii)/chiral carboxylic acid-catalyzed enantioselective Câ€“H alkylation of ferrocene carboxamides with diazomalonates. Organic Chemistry Frontiers, 2021, 8, 6923-6930.	4.5	13
22	Cp*Rh^{III}/Chiral Disulfonate/CuOAc Catalyst System for the Enantioselective Intramolecular Oxyamination of Alkenes. ACS Catalysis, 2021, 11, 15187-15193.	11.2	7
23	Cp*Rh(<scp>iii</scp>)/boron hybrid catalysis for directed Câ€“H addition to Î²-substituted Î±,Î²-unsaturated carboxylic acids. Chemical Communications, 2021, 58, 76-79.	4.1	4
24	Cp*Co^{III}/Chiral Carboxylic Acidâ€Catalyzed Enantioselective 1,4â€Addition Reactions of Indoles to Maleimides. Asian Journal of Organic Chemistry, 2020, 9, 368-371.	2.7	63
25	Metachromins X and Y from a marine sponge Spongia sp. and their effects on cell cycle progression. Bioorganic and Medicinal Chemistry, 2020, 28, 115233.	3.0	8
26	Rhodium(III)/Chiral Carboxylic Acid Catalyzed Enantioselective C(sp³)â€“H Alkylation of 8-Ethylquinolines with Î±,Î²-Unsaturated Carbonyl Compounds. Organic Letters, 2020, 22, 8256-8260.	4.6	48
27	Chiral paddle-wheel diruthenium complexes for asymmetric catalysis. Nature Catalysis, 2020, 3, 851-858.	34.4	47
28	Iridium(III) Catalysts with an Amideâ€Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold Câˆ'H Activation. Angewandte Chemie, 2020, 132, 10560-10564.	2.0	3
29	Allyl 4-Chlorophenyl Sulfone as a Versatile 1,1-Synthon for Sequential Î±-Alkylation/Cobalt-Catalyzed Allylic Substitution. Synthesis, 2020, 52, 1934-1946.	2.3	10
30	Frontispiece: Diverse Approaches for Enantioselective Câˆ'H Functionalization Reactions Using Groupâ€…9 Cp^xM^{III} Catalysts. Chemistry - A European Journal, 2020, 26, .	3.3	2
31	Iridium(III) Catalysts with an Amideâ€Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold Câˆ'H Activation. Angewandte Chemie - International Edition, 2020, 59, 10474-10478.	13.8	20
32	Microsclerodermins N and O, cytotoxic cyclic peptides containing a p-ethoxyphenyl moiety from a deep-sea marine sponge Pachastrella sp.. Tetrahedron, 2020, 76, 130997.	1.9	6
33	The Merger of Photoredox and Cobalt Catalysis. Trends in Chemistry, 2020, 2, 410-426.	8.5	114
34	Diverse Approaches for Enantioselective Câˆ'H Functionalization Reactions Using Groupâ€…9 Cp^xM^{III} Catalysts. Chemistry - A European Journal, 2020, 26, 7346-7357.	3.3	176
35	Heptavalinamide A, an Extensively N-Methylated Linear Nonapeptide from a Cyanobacterium Symploca sp. and Development of a Highly Sensitive Analysis of N,N-Dimethylvaline by LCMS. Organic Letters, 2020, 22, 1254-1258.	4.6	8
36	Theonellamide A, a marine-sponge-derived bicyclic peptide, binds to cholesterol in aqueous DMSO: Solution NMR-based analysis of peptide-sterol interactions using hydroxylated sterol. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 228-235.	2.6	10

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37	Chiral 2-Aryl Ferrocene Carboxylic Acids for the Catalytic Asymmetric C(sp³)â€“H Activation of Thioamides. Organometallics, 2019, 38, 3921-3926.	2.3	97
38	Isolation and identification of N6-isopentenyladenosine as the cytotoxic constituent of a marine sponge Oceanapia sp.. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1985-1988.	1.3	3
39	Cobalt-catalyzed Synthesis of Homoallylic Amines from Imines and Terminal Alkenes. Chemistry Letters, 2019, 48, 1046-1049.	1.3	9
40	Catalytic Enantioselective Methylene C(sp³)â^'H Amidation of 8â€Alkylquinolines Using a Cp*Rh^{III}/Chiral Carboxylic Acid System. Angewandte Chemie - International Edition, 2019, 58, 18154-18158.	13.8	105
41	Catalytic Enantioselective Methylene C(sp³)â^'H Amidation of 8â€Alkylquinolines Using a Cp*Rh^{III}/Chiral Carboxylic Acid System. Angewandte Chemie, 2019, 131, 18322-18326.	2.0	38
42	Imidate as the Intact Directing Group for the Cobalt-Catalyzed Câ€“H Allylation. Journal of Organic Chemistry, 2019, 84, 13203-13210.	3.2	25
43	SurE is a trans-acting thioesterase cyclizing two distinct non-ribosomal peptides. Organic and Biomolecular Chemistry, 2019, 17, 1058-1061.	2.8	28
44	Cobaltâ€Catalyzed Allylic Alkylation Enabled by Organophotoredox Catalysis. Angewandte Chemie, 2019, 131, 9297-9301.	2.0	6
45	Cp*CoIII-Catalyzed Câ€“H Functionalization and Asymmetric Reactions Using External Chiral Sources. Synlett, 2019, 30, 1384-1400.	1.8	44
46	Synthesis of Heteroaryl Iodanes(III) viaipsoâ€Substitution Reactions Using Iodine Triacetate Assisted by HFIP. Asian Journal of Organic Chemistry, 2019, 8, 1107-1110.	2.7	11
47	Cobaltâ€Catalyzed Allylic Alkylation Enabled by Organophotoredox Catalysis. Angewandte Chemie - International Edition, 2019, 58, 9199-9203.	13.8	59
48	Câ€“H Î³,Î³,Î³-Trifluoroalkylation of Quinolines via Visible-Light-Induced Sequential Radical Additions. Organic Letters, 2019, 21, 3600-3605.	4.6	19
49	How to Overcome the Anxiety During Graduate School Days. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 75-77.	0.1	0
50	Enantioselective C(sp 3)â€“H Amidation of Thioamides Catalyzed by a Cobalt III /Chiral Carboxylic Acid Hybrid System. Angewandte Chemie, 2019, 131, 1165-1169.	2.0	72
51	Enantioselective C(sp³)â€“H Amidation of Thioamides Catalyzed by a Cobalt^{III}/Chiral Carboxylic Acid Hybrid System. Angewandte Chemie - International Edition, 2019, 58, 1153-1157.	13.8	230
52	Synthesis of Functionalized Monoarylâ€λ³â€iodanes through Chemoâ€and Siteâ€Selective ipsoâ€Substitution Reactions. Chemistry - A European Journal, 2019, 25, 1217-1220.	3.3	12
53	One-Step Synthesis of 4H-3,1-Benzoxazin-4-ones from Weinreb Amides and 1,4,2-Dioxazol-5-ones via Cobalt-Catalyzed Câ€“H Bond Activation. Heterocycles, 2019, 99, 118.	0.7	13
54	Unique Reactivity of High-valent Cobalt Catalysis in C-H Functionalization and Development of Catalytic Asymmetric C-H Functionalization Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 330-340.	0.1	0

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55	Miuramides A and B, Trisoxazole Macrolides from a Mycale sp. Marine Sponge That Induce a Protrusion Phenotype in Cultured Mammalian Cells. Journal of Natural Products, 2018, 81, 1108-1112.	3.0	6
56	Synthesis of 1,1â€²â€•Spirobiindaneâ€•7,7â€²â€•Disulfonic Acid and Disulfonimide: Application for Catalytic Asymmetric Aminalization. Chemistry - an Asian Journal, 2018, 13, 2378-2381.	3.3	22
57	Poecillastrin E, F, and G, cytotoxic chondropsin-type macrolides from a marine sponge Poecillastra sp.. Tetrahedron, 2018, 74, 1430-1434.	1.9	9
58	Palladium-Catalyzed Germylation of Aryl Bromides and Aryl Triflates Using Hexamethyldigermane. Synthesis, 2018, 50, 2067-2075.	2.3	22
59	Single-bacterial genomics validates rich and varied specialized metabolism of uncultivated Entotheonella sponge symbionts. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1718-1723.	7.1	70
60	DOCK1 inhibition suppresses cancer cell invasion and macropinocytosis induced by self-activating Rac1P29S mutation. Biochemical and Biophysical Research Communications, 2018, 497, 298-304.	2.1	20
61	Isolation and characterization of 4-hydroxy-3-methylbut-2-enyl diphosphate reductase gene from Botryococcus braunii, race B. Journal of Plant Research, 2018, 131, 839-848.	2.4	9
62	Synthesis of Fluorine-Containing 6-Arylpurine Derivatives <i>via</i> Cp*Co(III)-Catalyzed Câ€“H Bond Activation. Chemical and Pharmaceutical Bulletin, 2018, 66, 51-54.	1.3	33
63	Poecillastrin H, a Chondropsin-Type Macrolide with a Conjugated Pentaene Moiety, from a Characella sp. Marine Sponge. Journal of Natural Products, 2018, 81, 1295-1299.	3.0	11
64	Molecular cloning and functional characterization of NADPH-dependent cytochrome P450 reductase from the green microalga Botryococcus braunii, B race. Journal of Bioscience and Bioengineering, 2018, 125, 30-37.	2.2	6
65	Algal Genes Encoding Enzymes for Photosynthesis and Hydrocarbon Biosynthesis as Candidates for Genetic Engineering. Cytologia, 2018, 83, 7-17.	0.6	4
66	Colony-wise Analysis of a Theonella swinhoei Marine Sponge with a Yellow Interior Permitted the Isolation of Theonellamide I. Journal of Natural Products, 2018, 81, 2595-2599.	3.0	8
67	Stellatolide H, a cytotoxic peptide lactone from a deep-sea sponge Discodermia sp.. Tetrahedron Letters, 2018, 59, 2532-2536.	1.4	9
68	Total Synthesis of the Nonribosomal Peptide Surugamideâ€…B and Identification of a New Offloading Cyclase Family. Angewandte Chemie - International Edition, 2018, 57, 9447-9451.	13.8	44
69	Total Synthesis of the Nonribosomal Peptide Surugamideâ€…B and Identification of a New Offloading Cyclase Family. Angewandte Chemie, 2018, 130, 9591-9595.	2.0	8
70	Pentamethylcyclopentadienyl rhodium(III)â€“chiral disulfonate hybrid catalysis for enantioselective Câ€“H bond functionalization. Nature Catalysis, 2018, 1, 585-591.	34.4	127
71	Chiral Carboxylic Acid Enabled Achiral Rhodium(III)â€Catalyzed Enantioselective Câ”H Functionalization. Angewandte Chemie - International Edition, 2018, 57, 12048-12052.	13.8	125
72	Lactomycins Aâ€“C, Dephosphorylated Phoslactomycin Derivatives that Inhibit Cathepsin B, from the Marine-derived Streptomyces sp. ACT232. Marine Drugs, 2018, 16, 70.	4.6	7

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73	Cobaltâ€Catalyzed C(sp³)â^'H Functionalization Reactions. Asian Journal of Organic Chemistry, 2018, 7, 1193-1205.	2.7	80
74	Weinreb Amide Directed Versatile Câ^'H Bond Functionalization under (Î·⁵â€Pentamethylcyclopentadienyl)cobalt(III) Catalysis. Chemistry - A European Journal, 2018, 24, 10231-10237.	3.3	46
75	Chiral Carboxylic Acid Enabled Achiral Rhodium(III)â€Catalyzed Enantioselective Câ^'H Functionalization. Angewandte Chemie, 2018, 130, 12224-12228.	2.0	53
76	Diastereoselective Total Synthesis and Structural Confirmation of Surugamide F. Chemical and Pharmaceutical Bulletin, 2018, 66, 637-641.	1.3	10
77	5-((3-Bromoallyl)Sulfonyl)-1H-Tetrazoles for Bromodiene Synthesis. Heterocycles, 2018, 97, 1304.	0.7	0
78	Hybrid Catalysis Enabling Room-Temperature Hydrogen Gas Release from N-Heterocycles and Tetrahydronaphthalenes. Journal of the American Chemical Society, 2017, 139, 2204-2207.	13.7	165
79	Stereoselective Synthesis of Tetrasubstituted Alkenes via a Cp*Co^{III}â€Catalyzed Câ^'H Alkenylation/Directing Group Migration Sequence. Angewandte Chemie - International Edition, 2017, 56, 7156-7160.	13.8	98
80	Cp*Co^{III}-catalyzed directed Câ€“H trifluoromethylthiolation of 2-phenylpyridines and 6-arylpurines. Chemical Communications, 2017, 53, 5974-5977.	4.1	57
81	Targeting Ras-Driven Cancer Cell Survival and Invasion through Selective Inhibition of DOCK1. Cell Reports, 2017, 19, 969-980.	6.4	51
82	(Pentamethylcyclopentadienyl)cobalt(III)â€Catalyzed Câ€“H Bond Functionalization: From Discovery to Unique Reactivity and Selectivity. Advanced Synthesis and Catalysis, 2017, 359, 1245-1262.	4.3	397
83	Total Synthesis of Brasilicardins A and C. Organic Letters, 2017, 19, 5581-5584.	4.6	17
84	Resolution of the Confusion in the Assignments of Configuration for the Ciliatamides, Acylated Dipeptides from Marine Sponges. Journal of Natural Products, 2017, 80, 2845-2849.	3.0	7
85	Structure Revision of Poecillastrin C and the Absolute Configuration of the Î²-Hydroxyaspartic Acid Residue. Organic Letters, 2017, 19, 5395-5397.	4.6	10
86	Structural and thermodynamic analyses reveal critical features of glycopeptide recognition by the human PILRÎ± immune cell receptor. Journal of Biological Chemistry, 2017, 292, 21128-21136.	3.4	7
87	An exception among diatoms: unique organization of genes involved in isoprenoid biosynthesis in Rhizosolenia setigera CCMP 1694. Plant Journal, 2017, 92, 822-833.	5.7	7
88	2-Hydroxyindoline-3-triethylammonium Bromide: A Reagent for Formal C3-Electrophilic Reactions of Indoles. Organic Letters, 2017, 19, 4275-4278.	4.6	43
89	Cp*Co^{III}-Catalyzed Câ€“H Alkenylation/Annulation Reactions of Indoles with Alkynes: A DFT Study. Journal of Organic Chemistry, 2017, 82, 7379-7387.	3.2	35
90	High-Valent Cobalt-Catalyzed C H Bond Functionalization. Advances in Organometallic Chemistry, 2017, 68, 197-247.	1.0	38

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91	A Novel Spiro-Heterocyclic Compound Identified by the Silkworm Infection Model Inhibits Transcription in Staphylococcus aureus. Frontiers in Microbiology, 2017, 8, 712.	3.5	22
92	Diastereo- and Enantioselective Construction of 6,7-Dioxabicyclo[2.2.1]heptane Derivatives by a Dirhodium(II)-Catalyzed Intramolecular Câ€“H Insertion Reaction. Heterocycles, 2017, 95, 1211.	0.7	4
93	Catalytic Enantioselective Desymmetrization of meso-Aziridines with Fluoromalonates. Heterocycles, 2017, 94, 1337.	0.7	1
94	Nazumazoles Dâ€“F, Cyclic Pentapeptides That Inhibit Chymotrypsin, from the Marine Sponge Theonella swinhoei. Journal of Natural Products, 2016, 79, 1694-1697.	3.0	16
95	Cp*Co^{III}-Catalyzed Dehydrative Câ€“H Allylation of 6-Arylpurines and Aromatic Amides Using Allyl Alcohols in Fluorinated Alcohols. Organic Letters, 2016, 18, 2216-2219.	4.6	124
96	Curacin E from the Brittle Star Ophiocoma scolopendrina. Journal of Natural Products, 2016, 79, 2754-2757.	3.0	9
97	Yakushinamides, Polyoxygenated Fatty Acid Amides That Inhibit HDACs and SIRTs, from the Marine Sponge Theonella swinhoei. Journal of Natural Products, 2016, 79, 2384-2390.	3.0	15
98	Rapid Screening by Cell-Based Fusion Assay for Identifying Novel Antivirals of Glycoprotein B-Mediated Herpes Simplex Virus Type 1 Infection. Biological and Pharmaceutical Bulletin, 2016, 39, 1897-1902.	1.4	3
99	Sterol-dependent membrane association of the marine sponge-derived bicyclic peptide Theonellamide A as examined by 1H NMR. Bioorganic and Medicinal Chemistry, 2016, 24, 5235-5242.	3.0	6
100	Biosynthetic Gene Cluster for Surugamideâ€…A Encompasses an Unrelated Decapeptide, Surugamideâ€…F. ChemBioChem, 2016, 17, 1709-1712.	2.6	45
101	Dragmacidins G and H, Bisindole Alkaloids Tethered by a Guanidino Ethylthiopyrazine Moiety, from a Lipastrotethya sp. Marine Sponge. Journal of Natural Products, 2016, 79, 2973-2976.	3.0	20
102	Site- and Regioselective Monoalkenylation of Pyrroles with Alkynes via Cp*Co^{III} Catalysis. Organic Letters, 2016, 18, 5732-5735.	4.6	84
103	Enantio-and diastereoselective desymmetrization of Î±-alkyl-Î±-diazoesters by dirhodium(II)-catalyzed intramolecular Câ€“H insertion. Tetrahedron, 2016, 72, 3939-3947.	1.9	19
104	Marine sponge cyclic peptide theonellamide A disrupts lipid bilayer integrity without forming distinct membrane pores. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1373-1379.	2.6	21
105	Rectified Proton Grotthuss Conduction Across a Long Water-Wire in the Test Nanotube of the Polytheonamide B Channel. Journal of the American Chemical Society, 2016, 138, 4168-4177.	13.7	39
106	Cloning and characterization of farnesyl pyrophosphate synthase from the highly branched isoprenoid producing diatom Rhizosolenia setigera. Scientific Reports, 2015, 5, 10246.	3.3	14
107	Cp*Co^{III} Catalyzed Siteâ€Selective Cï£¿H Activation of Unsymmetrical Oâ€Acyl Oximes: Synthesis of Multisubstituted Isoquinolines from Terminal and Internal Alkynes. Angewandte Chemie - International Edition, 2015, 54, 12968-12972.	13.8	282
108	Dehydrative Direct Cï£¿H Allylation with Allylic Alcohols under [Cp*Co^{III}] Catalysis. Angewandte Chemie - International Edition, 2015, 54, 9944-9947.	13.8	273

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109	Isolation and Characterization of Two Squalene Epoxidase Genes from Botryococcus braunii, Race B. PLoS ONE, 2015, 10, e0122649.	2.5	16
110	Targeting Cholesterol in a Liquid-Disordered Environment by Theonellamides Modulates Cell Membrane Order and Cell Shape. Chemistry and Biology, 2015, 22, 604-610.	6.0	20
111	Catalytic Asymmetric Iterative/Domino Aldehyde Cross-Aldol Reactions for the Rapid and Flexible Synthesis of 1,3-Polyols. Journal of the American Chemical Society, 2015, 137, 15418-15421.	13.7	55
112	Cytotoxic Glycosylated Fatty Acid Amides from a Stelletta sp. Marine Sponge. Journal of Natural Products, 2015, 78, 2808-2813.	3.0	10
113	A Cp*CoI₂-dimer as a precursor for cationic Co(<scp>iii</scp>)-catalysis: application to Câ€“H phosphoramidation of indoles. Chemical Communications, 2015, 51, 4659-4661.	4.1	127
114	Cpâ^—Co(III)-catalyzed oxidative Câ€“H alkenylation of benzamides with ethyl acrylate. Tetrahedron, 2015, 71, 4552-4556.	1.9	96
115	Metabolic and evolutionary origin of actin-binding polyketides from diverse organisms. Nature Chemical Biology, 2015, 11, 705-712.	8.0	118
116	Elucidation and Total Synthesis of the Correct Structures of Tridecapeptides Yakuâ€™amides A and B. Synthesis-Driven Stereochemical Reassignment of Four Amino Acid Residues. Journal of the American Chemical Society, 2015, 137, 9443-9451.	13.7	50
117	Two cell differentiation inducing pyridoacridines from a marine sponge Biemna sp. and their chemical conversions. Tetrahedron, 2015, 71, 5013-5018.	1.9	10
118	Nazumazoles Aâ€“C, Cyclic Pentapeptides Dimerized through a Disulfide Bond from the Marine Sponge Theonella swinhoei. Organic Letters, 2015, 17, 2646-2648.	4.6	24
119	Cobalt-Catalyzed C5-Selective C-H Functionalization of 4-Me-Quinolines with Styrenes: An Approach to 5,6-Dihydro-4H-benzo[de]quinolines. Heterocycles, 2015, 90, 89.	0.7	8
120	Cytotoxic linear acetylenes from a marine sponge Pleroma sp.. Tetrahedron, 2015, 71, 9564-9570.	1.9	6
121	Structural reappraisal of corticatic acids, biologically active linear polyacetylenes, from a marine sponge of the genus Petrosia. Fisheries Science, 2014, 80, 1057-1064.	1.6	4
122	Cobaltâ€Catalyzed Câ€4 Selective Alkylation of Quinolines. Advanced Synthesis and Catalysis, 2014, 356, 401-405.	4.3	69
123	Enantioselective Synthesis of Spirooxindoles via Direct Catalytic Asymmetric Aldol-Type Reaction of Isothiocyanato Oxindoles. Heterocycles, 2014, 88, 475.	0.7	15
124	Airâ€Stable Carbonyl(pentamethylcyclopentadienyl)cobalt Diiodide Complex as a Precursor for Cationic (Pentamethylcyclopentadienyl)cobalt(III) Catalysis: Application for Directed Câ€2 Selective Cï£¿H Amidation of Indoles. Advanced Synthesis and Catalysis, 2014, 356, 1491-1495.	4.3	306
125	An environmental bacterial taxon with a large and distinct metabolic repertoire. Nature, 2014, 506, 58-62.	27.8	530
126	Chemoenzymatic synthesis and HPLC analysis of the stereoisomers of miyakosyne A [(4E,24E)-14-methyloctacosa-4,24-diene-1,27-diyne-3,26-diol], a cytotoxic metabolite of a marine sponge Petrosia sp., to determine the absolute configuration of its major component as 3R,14R,26R. Tetrahedron, 2014, 70, 392-401.	1.9	29

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127	Recent advances in cooperative bimetallic asymmetric catalysis: dinuclear Schiff base complexes. Chemical Communications, 2014, 50, 1044-1057.	4.1	229
128	Lower Homologues of Ahpatinin, Aspartic Protease Inhibitors, from a Marine Streptomyces sp.. Journal of Natural Products, 2014, 77, 1749-1752.	3.0	17
129	Pyrroloindolone Synthesis via a Cp*Co^{III}-Catalyzed Redox-Neutral Directed Câ€“H Alkenylation/Annulation Sequence. Journal of the American Chemical Society, 2014, 136, 5424-5431.	13.7	441
130	Effect of epiphyte infection on physical and chemical properties of carrageenan produced by Kappaphycus alvarezii Doty (Soliericeae, Gigartinales, Rhodophyta). Journal of Applied Phycology, 2014, 26, 923-931.	2.8	22
131	Regiodivergent Kinetic Resolution of Terminal and Internal rac-Aziridines with Malonates under Dinuclear Schiff Base Catalysis. Journal of the American Chemical Society, 2014, 136, 9190-9194.	13.7	55
132	Paradoxical One-ion Pore Behavior of the Long Î²-Helical Peptide of Marine Cytotoxic Polytheonamide B. Scientific Reports, 2014, 4, 3636.	3.3	15
133	Sultam Synthesis via Cu-Catalyzed Intermolecular Carboamination of Alkenes with N-Fluorobenzenesulfonimide. Organic Letters, 2013, 15, 2502-2505.	4.6	93
134	On the assignment of the absolute configuration at the isolated methyl branch in miyakosyne A, cytotoxic linear acetylene, from the deep-sea marine sponge Petrosia sp.. Tetrahedron, 2013, 69, 11070-11073.	1.9	11
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