

Hiroyuki Nakamura

List of Publications by Year in descending order

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286
papers

7,923
citations

46918

47
h-index

88477

70
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334
all docs

334
docs citations

334
times ranked

6113
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium- and Platinum-Catalyzed Addition of Aldehydes and Imines with Allylstannanes. Chemoselective Allylation of Imines in the Presence of Aldehydes. <i>Journal of the American Chemical Society</i> , 1996, 118, 6641-6647.	6.6	230
2	Catalytic Asymmetric Allylation of Imines via Chiral Bis- η -allylpalladium Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 4242-4243.	6.6	198
3	The Life of Pi Star: Exploring the Exciting and Forbidden Worlds of the Benzophenone Photophore. <i>Chemical Reviews</i> , 2016, 116, 15284-15398.	23.0	170
4	Zinc(II)-Catalyzed Redox Cross-Dehydrogenative Coupling of Propargylic Amines and Terminal Alkynes for Synthesis of N-Tethered 1,6-Enynes. <i>Journal of the American Chemical Society</i> , 2012, 134, 2504-2507.	6.6	162
5	Facile Allylative Dearomatization Catalyzed by Palladium. <i>Journal of the American Chemical Society</i> , 2001, 123, 759-760.	6.6	147
6	Ligand-Directed Selective Protein Modification Based on Local Single-Electron-Transfer Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8681-8684.	7.2	136
7	Chiral η -Allylpalladium-Catalyzed Asymmetric Allylation of Imines: Replacement of Allylstannanes by Allylsilanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 2614-2615.	1.7	134
8	Boron-Based Drug Design. <i>Chemical Record</i> , 2015, 15, 616-635.	2.9	119
9	Catalytic Amphiphilic Allylation via Bis- η -allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. <i>Journal of the American Chemical Society</i> , 2001, 123, 372-377.	6.6	110
10	Amphiphilic Catalytic Allylating Reagent, Bis- η -allylpalladium Complex. <i>Journal of the American Chemical Society</i> , 1997, 119, 8113-8114.	6.6	100
11	Phase-Vanishing Reactions that Use Fluorous Media as a Phase Screen. Facile, Controlled Bromination of Alkenes by Dibromine and Dealkylation of Aromatic Ethers by Boron Tribromide. <i>Journal of the American Chemical Society</i> , 2002, 124, 12946-12947.	6.6	97
12	The Fate of Bis(η -3-allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3208-3210.	7.2	96
13	Controllable polymerization of N-carboxy anhydrides in a microreaction system. <i>Lab on A Chip</i> , 2005, 5, 812.	3.1	95
14	Transferrin-Loaded nido-Carborane Liposomes: Tumor-Targeting Boron Delivery System for Neutron Capture Therapy. <i>Bioconjugate Chemistry</i> , 2006, 17, 1314-1320.	1.8	94
15	Identification of HSP60 as a Primary Target of <i>trans</i> -Carboranylphenoxyacetanilide, an HIF-1 α Inhibitor. <i>Journal of the American Chemical Society</i> , 2010, 132, 11870-11871.	6.6	89
16	Synthesis of 1,2-dihydroisoquinolines via the reaction of ortho-alkynylarylimines with bis- η -allylpalladium. <i>Tetrahedron Letters</i> , 2004, 45, 7339-7341.	0.7	86
17	Synthesis of Boron Cluster Lipids: $\text{B}_{10}\text{C}_{2}\text{O}_{12}$ as an Alternative Hydrophilic Function of Boronated Liposomes for Neutron Capture Therapy. <i>Organic Letters</i> , 2007, 9, 323-326.	2.4	86
18	Palladium-Catalyzed Aminoallylation of Activated Olefins with Allylic Halides and Phthalimide. <i>Journal of Organic Chemistry</i> , 2002, 67, 5977-5980.	1.7	85

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19	Synthesis of Allenes via Palladium-Catalyzed Hydrogen-Transfer Reactions: \hat{A} Propargylic Amines as an Allenyl Anion Equivalent. <i>Journal of the American Chemical Society</i> , 2004, 126, 5958-5959.	6.6	84
20	Recent progresses in the synthesis of functionalized isoxazoles. <i>Tetrahedron Letters</i> , 2018, 59, 1159-1171.	0.7	80
21	Polyols of a cascade type as a water-solubilizing element of carborane derivatives for boron neutron capture therapy. <i>Journal of Organic Chemistry</i> , 1992, 57, 435-435.	1.7	79
22	Total synthesis of feglymycin based on a linear/convergent hybrid approach using micro-flow amide bond formation. <i>Nature Communications</i> , 2016, 7, 13491.	5.8	79
23	<i>m</i> -Carborane-Based Chiral NBN Pincer-Metal Complexes: Synthesis, Structure, and Application in Asymmetric Catalysis. <i>Inorganic Chemistry</i> , 2011, 50, 4149-4161.	1.9	78
24	Metallacarboranes on the Road to Anticancer Therapies: Cellular Uptake, DNA Interaction, and Biological Evaluation of Cobaltabisdicarbollide [COSAN] ³⁺ . <i>Chemistry - A European Journal</i> , 2018, 24, 17239-17254.	1.7	78
25	Development of High Boron Content Liposomes and Their Promising Antitumor Effect for Neutron Capture Therapy of Cancers. <i>Bioconjugate Chemistry</i> , 2013, 24, 124-132.	1.8	74
26	Copper(I)-Catalyzed Substitution Reactions of Propargylic Amines: Importance of C(sp) ² -C(sp ³) Bond Cleavage in Generation of Iminium Intermediates. <i>Journal of the American Chemical Society</i> , 2010, 132, 5332-5333.	6.6	71
27	Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. <i>Chemical Communications</i> , 2014, 50, 6700.	2.2	68
28	A Concise Synthesis of Enantiomerically Pure L-(4-Boronophenyl)alanine from L-Tyrosine. <i>Journal of Organic Chemistry</i> , 1998, 63, 7529-7530.	1.7	64
29	Fluorous Triphasic Reactions: \hat{A} Transportative Deprotection of Fluorous Silyl Ethers with Concomitant Purification. <i>Journal of the American Chemical Society</i> , 2001, 123, 10119-10120.	6.6	64
30	Tyrosine-Specific Chemical Modification with <i>in Situ</i> Hemin-Activated Luminol Derivatives. <i>ACS Chemical Biology</i> , 2015, 10, 2633-2640.	1.6	64
31	Tetrabutylammonium Fluoride Promoted Novel Reactions of o-Carborane: \hat{A} Inter- and Intramolecular Additions to Aldehydes and Ketones and Annulation via Enals and Enones. <i>Journal of the American Chemical Society</i> , 1998, 120, 1167-1171.	6.6	63
32	Regulation of Target Protein Knockdown and Labeling Using Ligand-Directed Ru(bpy) ₃ Photocatalyst. <i>Bioconjugate Chemistry</i> , 2015, 26, 250-256.	1.8	62
33	Proximity Histidine Labeling by Umpolung Strategy Using Singlet Oxygen. <i>Journal of the American Chemical Society</i> , 2021, 143, 7726-7731.	6.6	60
34	Formation of Cyclic Ethers via the Palladium-Catalyzed Cycloaddition of Activated Olefins with Allylic Carbonates Having a Hydroxy Group at the Terminus of the Carbon Chain. <i>Journal of Organic Chemistry</i> , 2001, 66, 7142-7147.	1.7	59
35	Dodecaborate lipid liposomes as new vehicles for boron delivery system of neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3059-3065.	1.4	57
36	Boron-containing phenoxyacetanilide derivatives as hypoxia-inducible factor (HIF)-1 α inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1453-1456.	1.0	57

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37	Spermidinium closo-dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. <i>Chemical Communications</i> , 2014, 50, 12325-12328.	2.2	56
38	Maleimide-functionalized closo-dodecaborate albumin conjugates (MID-AC): Unique ligation at cysteine and lysine residues enables efficient boron delivery to tumor for neutron capture therapy. <i>Journal of Controlled Release</i> , 2016, 237, 160-167.	4.8	56
39	1-Methyl-4-aryl-urazole (MAUra) labels tyrosine in proximity to ruthenium photocatalysts. <i>Chemical Communications</i> , 2018, 54, 5871-5874.	2.2	56
40	Rapid and Mild Synthesis of Amino Acid N-Carboxy Anhydrides: Basic to Acidic Flash Switching in a Microflow Reactor. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11389-11393.	7.2	54
41	Site-Selective Protein Chemical Modification of Exposed Tyrosine Residues Using Tyrosine Click Reaction. <i>Bioconjugate Chemistry</i> , 2020, 31, 1417-1424.	1.8	53
42	Palladium-Catalyzed Alkoxyallylation of Activated Olefins. <i>Journal of the American Chemical Society</i> , 1998, 120, 6838-6839.	6.6	52
43	Synthesis and vesicle formation of a nido-carborane cluster lipid for boron neutron capture therapy. <i>Chemical Communications</i> , 2004, , 1910-1911.	2.2	52
44	Synthesis of carboranes containing nucleoside bases. Unexpectedly high cytostatic and cytotoxicity towards cancer cells. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 157.	2.0	49
45	Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1201.	2.0	49
46	ortho-Carboranyl Glycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1747-1752.	1.4	48
47	Functional Analysis of the Single Nucleotide Polymorphism (787T>C) in the Tissue-Nonspecific Alkaline Phosphatase Gene Associated With BMD. <i>Journal of Bone and Mineral Research</i> , 2004, 20, 773-782.	3.1	48
48	Preparation and application of a polymer-supported chiral η^3 -allylpalladium catalyst for the allylation of imines. <i>Tetrahedron Letters</i> , 2000, 41, 131-134.	0.7	47
49	Synthesis of dodecaborate-conjugated cholesterol for efficient boron delivery in neutron capture therapy. <i>Tetrahedron Letters</i> , 2007, 48, 3151-3154.	0.7	47
50	Generation of an α -isoxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13580-13584.	7.2	47
51	Tandem nucleophilic allylation \rightarrow alkoxyallylation of alkynylaldehydes via amphiphilic bis- η^3 -allylpalladium complexes. <i>Tetrahedron Letters</i> , 2002, 43, 7631-7633.	0.7	46
52	Boron-containing Porphyrin IX Derivatives and Their Modification for Boron Neutron Capture Therapy: Synthesis, Characterization, and Comparative In Vitro Toxicity Evaluation. <i>Chemistry - A European Journal</i> , 2010, 16, 1543-1552.	1.7	46
53	Discovery of Indenopyrazoles as a New Class of Hypoxia Inducible Factor (HIF)-1 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 297-301.	1.3	46
54	Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1273.	2.0	44

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55	Palladium(0)-Catalyzed Cope Rearrangement of Acyclic 1,5-Dienes. Bis(η -allyl)palladium(II) Intermediate. <i>Journal of the American Chemical Society</i> , 1999, 121, 10850-10851.	6.6	44
56	Unprecedented highly chemoselective allylation of imines in the presence of aldehydes via a palladium catalysed allylstannane reaction. <i>Chemical Communications</i> , 1996, , 1459.	2.2	43
57	Novel Carboranes with a DNA Binding Unit for the Treatment of Cancer by Boron Neutron Capture Therapy. <i>ChemBioChem</i> , 2002, 3, 219-225.	1.3	43
58	1,2-Bis(diphenylphosphino)carborane As a Dual Mode Ligand for Both the Sonogashira Coupling and Hydride-Transfer Steps in Palladium-Catalyzed One-Pot Synthesis of Allenes from Aryl Iodides. <i>Organic Letters</i> , 2006, 8, 2095-2098.	2.4	43
59	Towards new boron carriers for boron neutron capture therapy: Metallacarboranes bearing cobalt, iron and chromium and their cholesterol conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1136-1142.	1.4	43
60	2-Dimensional Nanomaterials with Imaging and Diagnostic Functions for Nanomedicine; A Review. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1-12.	2.0	43
61	Palladium Catalyzed Regioselective β -Acetonation α -Allylation of Activated Olefins in One Shot. <i>Journal of Organic Chemistry</i> , 1998, 63, 8470-8474.	1.7	42
62	Discovery of indenopyrazoles as EGFR and VEGFR-2 tyrosine kinase inhibitors by in silico high-throughput screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 285-288.	1.0	41
63	Antitumor effect of boron nitride nanotubes in combination with thermal neutron irradiation on BNCT. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 172-174.	1.0	41
64	Discovery of boron-conjugated 4-anilinoquinazoline as a prolonged inhibitor of EGFR tyrosine kinase. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4415.	1.5	40
65	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2011-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 309-322.	2.4	40
66	Synthesis and in vivo biodistribution of BPA α - ^{67}Gd α -DTPA complex as a potential MRI contrast carrier for neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 735-743.	1.4	39
67	Salicylate restores transport function and anion exchanger activity of missense pendrin mutations. <i>Hearing Research</i> , 2010, 270, 110-118.	0.9	39
68	Hypoxia-inducible factor inhibitors: a survey of recent patented compounds (2004 α 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 131-146.	2.4	39
69	Design and synthesis of fluorescence-labeled closo-dodecaborate lipid: its liposome formation and in vivo imaging targeting of tumors for boronneutron capture therapy. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1374-1380.	1.5	39
70	Synthesis of allenenes via CuBr-catalyzed homologation of alk-1-yne accelerated by microwave. <i>Tetrahedron Letters</i> , 2008, 49, 7230-7233.	0.7	38
71	Methyl 3-((6-Methoxy-1,4-dihydroindeno[1,2- <i>c</i> ']pyrazol-3-yl)amino)benzoate (GN39482) as a Tubulin Polymerization Inhibitor Identified by MorphoBase and ChemProteoBase Profiling Methods. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4230-4241.	2.9	38
72	Synthesis of Carboranes Containing an Azulene Framework and in Vitro Evaluation as Boron Carriers. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 2825-2830.	2.9	37

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73	A Practical Method for the Synthesis of Enantiomerically Pure 4-Borono-L-phenylalanine. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 231-235.	2.0	37
74	Design, Synthesis, and Biological Evaluation of Aminoboronic Acids as Growth-Factor Receptor Inhibitors of EGFR and VEGFR-1 Tyrosine Kinases. <i>ChemBioChem</i> , 2004, 5, 483-490.	1.3	37
75	Synthesis and Biological Evaluation of Boronic Acid Containing cis-Stilbenes as Apoptotic Tubulin Polymerization Inhibitors. <i>ChemMedChem</i> , 2006, 1, 729-740.	1.6	37
76	Fluorous Solvent as a New Phase-Screen Medium between Reagents and Reactants in the Bromination and Chlorination of Alcohols. <i>Organic Letters</i> , 2003, 5, 1167-1169.	2.4	36
77	Horseradish Peroxidase-Catalyzed Tyrosine Click Reaction. <i>ChemBioChem</i> , 2017, 18, 475-478.	1.3	36
78	Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SEN1) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5169-5173.	1.0	35
79	Peptide Synthesis Utilizing Microflow Technology. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3818-3832.	1.7	35
80	o-Carborane as a Novel Protective Group for Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 1997, 62, 780-781.	1.7	34
81	Boron lipid-based liposomal boron delivery system for neutron capture therapy: recent development and future perspective. <i>Future Medicinal Chemistry</i> , 2013, 5, 715-730.	1.1	34
82	HSP60 as a Drug Target. <i>Current Pharmaceutical Design</i> , 2013, 19, 441-451.	0.9	34
83	Synthesis and biological evaluation of benzamides and benzamidines as selective inhibitors of VEGFR tyrosine kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5127-5131.	1.0	32
84	Cyclic RGD-Functionalized Dodecaborate Albumin Conjugates as Integrin Targeting Boron Carriers for Neutron Capture Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 3740-3747.	2.3	32
85	Carboranyl Bisglycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. <i>ChemBioChem</i> , 2001, 2, 326-334.	1.3	31
86	Liposomal Boron Delivery for Neutron Capture Therapy. <i>Methods in Enzymology</i> , 2009, 465, 179-208.	0.4	31
87	Gold(I)-Catalyzed Intramolecular S _E Ar Reaction: Efficient Synthesis of Isoxazole-Containing Fused Heterocycles. <i>Organic Letters</i> , 2018, 20, 433-436.	2.4	31
88	Peptide Chain Elongation Using Unprotected Amino Acids in a Microflow Reactor. <i>Chemistry - A European Journal</i> , 2019, 25, 15091-15097.	1.7	31
89	N-Methylated Peptide Synthesis via Generation of an Acyl N-Methylimidazolium Cation Accelerated by a Brønsted Acid. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12925-12930.	7.2	31
90	Synthesis of mono- and 1,3-disubstituted allenes from propargylic amines via palladium-catalysed hydride-transfer reaction. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1471.	1.5	30

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91	Synthesis of Heterocyclic Allenes via Palladium-Catalyzed Hydride-Transfer Reaction of Propargylic Amines. <i>Journal of Organic Chemistry</i> , 2005, 70, 2357-2360.	1.7	29
92	Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. <i>Journal of Organic Chemistry</i> , 1995, 60, 3352-3357.	1.7	28
93	Benzamides and benzamidines as specific inhibitors of epidermal growth factor receptor and v-Src protein tyrosine kinases. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3529-3542.	1.4	28
94	Synthesis of carboranes containing nucleoside bases. <i>Heteroatom Chemistry</i> , 1992, 3, 239-244.	0.4	27
95	The synthesis of a carborane gadolinium-DTPA complex for boron neutron capture therapy. <i>Journal of Organometallic Chemistry</i> , 1999, 581, 170-175.	0.8	26
96	Suppression of hypoxia-induced HIF-1 α accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KRN633. <i>Cancer Letters</i> , 2010, 296, 17-26.	3.2	26
97	V843I, a Lung Cancer Predisposing EGFR Mutation, Is Responsible for Resistance to EGFR Tyrosine Kinase Inhibitors. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1377-1384.	0.5	26
98	A novel photodynamic therapy for drug-resistant prostate cancer cells using porphyrus envelope as a novel photosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 48-54.	1.3	26
99	Development of 1-aryl-3-furanyl/thienyl-imidazopyridine templates for inhibitors against hypoxia inducible factor (HIF)-1 transcriptional activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5887-5890.	1.0	26
100	Palladium-catalyzed cyanoallylation of activated olefins. <i>Tetrahedron Letters</i> , 2000, 41, 2911-2914.	0.7	25
101	Synthesis of 1,2-dihydroisoquinolines via palladium(0)-catalyzed addition-cyclization of chloroform to ortho-alkynylaldimines. <i>Tetrahedron Letters</i> , 2008, 49, 2697-2700.	0.7	25
102	Molecular effects of the tissue-nonspecific alkaline phosphatase gene polymorphism (787T > C) associated with bone mineral density. <i>Biomedical Research</i> , 2008, 29, 213-219.	0.3	25
103	1-[4-(N-Benzylamino)phenyl]-3-phenylurea derivatives as a new class of hypoxia-inducible factor-1 α inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3166-3169.	1.0	25
104	Synthesis of protoporphyrin α -lipids and biological evaluation of micelles and liposomes. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4745-4751.	1.4	25
105	A rapid and clean synthetic approach to cyclic peptides via micro-flow peptide chain elongation and photochemical cyclization: synthesis of a cyclic RGD peptide. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11244-11249.	1.5	25
106	Synthesis of 2 α -indolyltetrahydroquinolines by Zinc(II)-Catalyzed Intramolecular Hydroarylation-Redox Cross-Dehydrogenative Coupling of <i>N</i> -Propargylanilines with Indoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6758-6761.	7.2	25
107	Selective purification and chemical labeling of a target protein on ruthenium photocatalyst-functionalized affinity beads. <i>Chemical Communications</i> , 2017, 53, 4838-4841.	2.2	25
108	Boron nitride (10BN) a prospective material for treatment of cancer by boron neutron capture therapy (BNCT). <i>Materials Letters</i> , 2020, 259, 126832.	1.3	25

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109	A Concise and Stereospecific One-Shot Synthesis of Bicyclo[3.3.1]nonenols from Dimethyl 1,3-Acetonedicarboxylate and Enals via the Sequential Michael Addition~Intramolecular Aldolization. <i>Journal of Organic Chemistry</i> , 1999, 64, 4148-4151.	1.7	24
110	Phase~vanishing methods based on fluorous phase screen: A simple way for efficient execution of organic synthesis. <i>Chemical Record</i> , 2008, 8, 351-363.	2.9	24
111	Catalytic reactions of bis-~allylpalladium generated from allyltrifluoroborate. <i>Tetrahedron Letters</i> , 2011, 52, 426-429.	0.7	24
112	Development of hypoxia-inducible factor (HIF)-1~ inhibitors: Effect of ortho-carborane substituents on HIF transcriptional activity under hypoxia. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 806-810.	1.0	24
113	o-Carboranyl derivatives of 1,3,5-s-triazines: structures, properties and in vitro activities. <i>Applied Organometallic Chemistry</i> , 2003, 17, 539-548.	1.7	23
114	Synthesis of ene~allenes via palladium-catalyzed hydride-transfer reaction of propargylic amines under mild conditions. <i>Tetrahedron Letters</i> , 2005, 46, 8333-8336.	0.7	23
115	Step-by-Step Multifunctionalization of Isoxazoles Based On SEAr Reactions and C~H Direct Arylations. <i>Synthesis</i> , 2017, 49, 2351-2360.	1.2	23
116	Protein Chemical Labeling Using Biomimetic Radical Chemistry. <i>Molecules</i> , 2019, 24, 3980.	1.7	23
117	1-Carboranyl-3-(2-methylaziridino)-2-propanol. Synthesis, selective uptake by B-16 melanoma, and selective cytotoxicity toward cancer cells. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 2232-2234.	2.9	22
118	Tetrabutylammonium Fluoride Promoted Regiospecific Reactions of Trimethylsilyl-o-Carborane with Aldehydes. <i>Chemistry Letters</i> , 1996, 25, 791-792.	0.7	21
119	Synthetic utility of o-carborane: novel protective group for aldehydes and ketones. <i>Journal of Organometallic Chemistry</i> , 1999, 574, 107-115.	0.8	21
120	Synthesis and biological evaluation of allenic quinazolines using palladium-catalyzed hydride-transfer reaction. <i>Tetrahedron Letters</i> , 2006, 47, 2539-2542.	0.7	21
121	New Strategy for Synthesis of Mercaptoundecahydrododecaborate Derivatives via Click Chemistry: Possible Boron Carriers and Visualization in Cells for Neutron Capture Therapy. <i>Inorganic Chemistry</i> , 2009, 48, 11896-11902.	1.9	21
122	Synthesis and biological activity of furanylindazoles as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>MedChemComm</i> , 2012, 3, 1455.	3.5	21
123	Rhodium(III)-catalysed carboxylate-directed C~H functionalizations of isoxazoles with alkynes. <i>Chemical Communications</i> , 2019, 55, 8382-8385.	2.2	21
124	Design of S~S bond containing maleimide-conjugated closo-dodecaborate (SSMID): identification of unique modification sites on albumin and investigation of intracellular uptake. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5496-5499.	1.5	21
125	Folate receptor-targeted novel boron compound for boron neutron capture therapy on F98 glioma-bearing rats. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 59-67.	0.6	21
126	In Vivo Evaluation of Carborane Gadolinium-DTPA Complex as an MR Imaging Boron Carrier.. <i>Chemical and Pharmaceutical Bulletin</i> , 2000, 48, 1034-1038.	0.6	20

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127	Synthesis and biological evaluation of ortho-carborane containing benzoxazole as an inhibitor of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>Journal of Organometallic Chemistry</i> , 2013, 747, 189-194.	0.8	20
128	Synthesis and biological evaluation of meta-carborane-containing phenoxyacetanilides as inhibitors of hypoxia-inducible factor (HIF)-1 transcriptional activity. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 189-195.	0.8	20
129	Development of Albumin- <i>closo</i> -Dodecaborate Conjugates as Boron Carriers for Neutron-Capture Therapy by Ru(bpy) ₃ -Photocatalyzed Modification of Tyrosine. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4406-4410.	1.0	20
130	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2016–2020). <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 387-397.	2.4	20
131	Allene as an Alternative Functional Group for Drug Design: Effect of C≡C Multiple Bonds Conjugated with Quinazolines on the Inhibition of EGFR Tyrosine Kinase. <i>ChemMedChem</i> , 2008, 3, 1094-1103.	1.6	19
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