

Hiroyuki Nakamura

List of Publications by Citations

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267
papers

6,283
citations

42
h-index

63
g-index

334
ext. papers

7,075
ext. citations

5
avg, IF

6.19
L-index

#	Paper	IF	Citations
267	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	16.4	202
266	Catalytic Asymmetric Allylation of Imines via Chiral Bis-Allylpalladium Complexes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 4242-4243	16.4	170
265	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, 2504-7	16.4	150
264	Facile allylative dearomatization catalyzed by palladium. <i>Journal of the American Chemical Society</i> , 2001 , 123, 759-60	16.4	123
263	The Life of Pi Star: Exploring the Exciting and Forbidden Worlds of the Benzophenone Photophore. <i>Chemical Reviews</i> , 2016 , 116, 15284-15398	68.1	121
262	Chiral pi-Allylpalladium-Catalyzed Asymmetric Allylation of Imines: Replacement of Allylstannanes by Allylsilanes. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2614-2615	4.2	120
261	Ligand-directed selective protein modification based on local single-electron-transfer catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8681-4	16.4	106
260	Catalytic Amphiphilic Allylation via Bis-Allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. <i>Journal of the American Chemical Society</i> , 2001 , 123, 372-377	16.4	103
259	Boron-Based Drug Design. <i>Chemical Record</i> , 2015 , 15, 616-35	6.6	89
258	Phase-vanishing reactions that use fluoruous 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, 12946-7	16.4	87
257	Amphiphilic Catalytic Allylating Reagent, Bis-Allylpalladium Complex. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8113-8114	16.4	86
256	Controllable polymerization of N-carboxy anhydrides in a microreaction system. <i>Lab on A Chip</i> , 2005 , 5, 812-8	7.2	85
255	Transferrin-loaded nido-carborane liposomes: tumor-targeting boron delivery system for neutron capture therapy. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1314-20	6.3	82
254	The Fate of Bis(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	16.4	82
253	Palladium-catalyzed aminoallylation of activated olefins with allylic halides and phthalimide. <i>Journal of Organic Chemistry</i> , 2002 , 67, 5977-80	4.2	79
252	Identification of HSP60 as a primary target of o-carboranylphenoxyacetanilide, an HIF-1alpha inhibitor. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11870-1	16.4	78
251	Synthesis of 1,2-dihydroisoquinolines via the reaction of ortho-alkynylarylimines with bis-Allylpalladium. <i>Tetrahedron Letters</i> , 2004 , 45, 7339-7341	2	78

250	Synthesis of allenes via palladium-catalyzed hydrogen-transfer reactions: propargylic amines as an allenyl anion equivalent. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5958-9	16.4	78
249	Synthesis of boron cluster lipids: closo-dodecaborate as an alternative hydrophilic function of boronated liposomes for neutron capture therapy. <i>Organic Letters</i> , 2007 , 9, 323-6	6.2	74
248	m-Carborane-based chiral NBN pincer-metal complexes: synthesis, structure, and application in asymmetric catalysis. <i>Inorganic Chemistry</i> , 2011 , 50, 4149-61	5.1	72
247	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	4.2	67
246	Development of high boron content liposomes and their promising antitumor effect for neutron capture therapy of cancers. <i>Bioconjugate Chemistry</i> , 2013 , 24, 124-32	6.3	61
245	Copper(I)-catalyzed substitution reactions of propargylic amines: importance of C(sp)-C(sp ³) bond cleavage in generation of iminium intermediates. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5332-3	16.4	61
244	Recent progresses in the synthesis of functionalized isoxazoles. <i>Tetrahedron Letters</i> , 2018 , 59, 1159-1171		57
243	Total synthesis of feglymycin based on a linear/convergent hybrid approach using micro-flow amide bond formation. <i>Nature Communications</i> , 2016 , 7, 13491	17.4	57
242	A Concise Synthesis of Enantiomerically Pure L-(4-Boronophenyl)alanine from L-Tyrosine. <i>Journal of Organic Chemistry</i> , 1998 , 63, 7529-7530	4.2	56
241	Fluorous triphasic reactions: transportative deprotection of fluorous silyl ethers with concomitant purification. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10119-20	16.4	55
240	Boron-containing phenoxyacetanilide derivatives as hypoxia-inducible factor (HIF)-1 α inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 1453-6	2.9	53
239	Tetrabutylammonium Fluoride Promoted Novel Reactions of o-Carborane: 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	16.4	52
238	Dodecaborate lipid liposomes as new vehicles for boron delivery system of neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 3059-65	3.4	50
237	Spermidinium closo-dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. <i>Chemical Communications</i> , 2014 , 50, 12325-8	5.8	49
236	Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. <i>Chemical Communications</i> , 2014 , 50, 6700-3	5.8	49
235	Tyrosine-Specific Chemical Modification with in Situ Hemin-Activated Luminol Derivatives. <i>ACS Chemical Biology</i> , 2015 , 10, 2633-40	4.9	48
234	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, 7142-7	4.2	48
233	Regulation of target protein knockdown and labeling using ligand-directed Ru(bpy) ₃ photocatalyst. <i>Bioconjugate Chemistry</i> , 2015 , 26, 250-6	6.3	46

232	Synthesis and vesicle formation of a nido-carborane cluster lipid for boron neutron capture therapy. <i>Chemical Communications</i> , 2004 , 1910-1	5.8	46
231	Metallacarboranes on the Road to Anticancer Therapies: Cellular Uptake, DNA Interaction, and Biological Evaluation of Cobaltabisdicarbollide [COSAN]. <i>Chemistry - A European Journal</i> , 2018 , 24, 17239-17254	4.8	46
230	Boron-containing protoporphyrin 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, 1543-52	4.8	43
229	Tandem nucleophilic allylation/alkoxyallylation of alkynylaldehydes via amphiphilic bis-allylpalladium complexes. <i>Tetrahedron Letters</i> , 2002 , 43, 7631-7633	2	43
228	Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1201		43
227	Synthesis of dodecaborate-conjugated cholesterol for efficient boron delivery in neutron capture therapy. <i>Tetrahedron Letters</i> , 2007 , 48, 3151-3154	2	42
226	Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1273		42
225	Discovery of Indenopyrazoles as a New Class of Hypoxia Inducible Factor (HIF)-1 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 297-301	4.3	41
224	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> , 2005 , 20, 773-82	6.3	41
223	Ortho-carboranyl glycosides for the treatment of cancer by boron neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1747-52	3.4	41
222	Preparation and application of a polymer-supported chiral allylpalladium catalyst for the allylation of imines. <i>Tetrahedron Letters</i> , 2000 , 41, 131-134	2	41
221	Palladium-Catalyzed Alkoxyallylation of Activated Olefins. <i>Journal of the American Chemical Society</i> , 1998 , 120, 6838-6839	16.4	41
220	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		41
219	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, 1136-42	2.4	40
218	Palladium(0)-Catalyzed Cope Rearrangement of Acyclic 1,5-Dienes. Bis(allyl)palladium(II) Intermediate. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10850-10851	16.4	40
217	Unprecedented highly chemoselective allylation of imines in the presence of aldehydes via a palladium catalysed allylstannane reaction. <i>Chemical Communications</i> , 1996 , 1459	5.8	39
216	Hypoxia-inducible factor inhibitors: a survey of recent patented compounds (2004 - 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011 , 21, 131-46	6.8	38
215	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, 2095-8	6.2	37

214	Discovery of boron-conjugated 4-anilinoquinazoline as a prolonged inhibitor of EGFR tyrosine kinase. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4415-27	3.9	36
213	Novel carboranes with a DNA binding unit for the treatment of cancer by boron neutron capture therapy. <i>ChemBioChem</i> , 2002 , 3, 219-25	3.8	36
212	Generation of an 4-Isloxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13580-13584	16.4	36
211	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, 160-7	11.7	35
210	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2011-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 309-22	6.8	35
209	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, 1167-9	6.2	35
208	Synthesis of carboranes containing an azulene framework and in vitro evaluation as boron carriers. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 2825-30	8.3	34
207	1-Methyl-4-aryl-urazole (MAUra) labels tyrosine in proximity to ruthenium photocatalysts. <i>Chemical Communications</i> , 2018 , 54, 5871-5874	5.8	34
206	Design and synthesis of fluorescence-labeled closo-dodecaborate lipid: its liposome formation and in vivo imaging targeting of tumors for boron neutron capture therapy. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 1374-80	3.9	33
205	Synthesis and biological evaluation of boronic acid containing cis-stilbenes as apoptotic tubulin polymerization inhibitors. <i>ChemMedChem</i> , 2006 , 1, 729-40	3.7	33
204	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, 483-90	3.8	33
203	Synthesis and in vivo biodistribution of BPA-Gd-DTPA complex as a potential MRI contrast carrier for neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 735-43	3.4	33
202	Palladium Catalyzed Regioselective Acetylation/Allylation of Activated Olefins in One Shot. <i>Journal of Organic Chemistry</i> , 1998 , 63, 8470-8474	4.2	32
201	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, 285-8	2.9	31
200	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	16.4	30
199	Salicylate restores transport function and anion exchanger activity of missense pendrin mutations. <i>Hearing Research</i> , 2010 , 270, 110-8	3.9	30
198	o-Carborane as a Novel Protective Group for Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 1997 , 62, 780-781	4.2	30
197	Synthesis of allenes via CuBr-catalyzed homologation of alk-1-yne accelerated by microwave. <i>Tetrahedron Letters</i> , 2008 , 49, 7230-7233	2	30

- 196 A Practical Method for the Synthesis of Enantiomerically Pure 4-Borono-L-phenylalanine. *Bulletin of the Chemical Society of Japan*, **2000**, 73, 231-235 5.1 30
- 195 Carboranyl bisglycosides for the treatment of cancer by boron neutron capture therapy. *ChemBioChem*, **2001**, 2, 326-34 3.8 29
- 194 Boron lipid-based liposomal boron delivery system for neutron capture therapy: recent development and future perspective. *Future Medicinal Chemistry*, **2013**, 5, 715-30 4.1 28
- 193 Liposomal boron delivery for neutron capture therapy. *Methods in Enzymology*, **2009**, 465, 179-208 1.7 28
- 192 Synthesis of mono- and 1,3-disubstituted allenes from propargylic amines via palladium-catalysed hydride-transfer reaction. *Organic and Biomolecular Chemistry*, **2008**, 6, 1471-7 3.9 28
- 191 Synthesis and biological evaluation of benzamides and benzamidines as selective inhibitors of VEGFR tyrosine kinases. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 5127-31 2.9 28
- 190 Horseradish-Peroxidase-Catalyzed Tyrosine Click Reaction. *ChemBioChem*, **2017**, 18, 475-478 3.8 27
- 189 Methyl 3-((6-methoxy-1,4-dihydroindeno[1,2-c]pyrazol-3-yl)amino)benzoate (GN39482) as a tubulin polymerization inhibitor identified by MorphoBase and ChemProteoBase profiling methods. *Journal of Medicinal Chemistry*, **2015**, 58, 4230-41 8.3 27
- 188 Site-Selective Protein Chemical Modification of Exposed Tyrosine Residues Using Tyrosine Click Reaction. *Bioconjugate Chemistry*, **2020**, 31, 1417-1424 6.3 27
- 187 Ligand-Directed Selective Protein Modification Based on Local Single-Electron-Transfer Catalysis. *Angewandte Chemie*, **2013**, 125, 8843-8846 3.6 27
- 186 Benzamides and benzamidines as specific inhibitors of epidermal growth factor receptor and v-Src protein tyrosine kinases. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 3529-42 3.4 27
- 185 2-Dimensional Nanomaterials with Imaging and Diagnostic Functions for Nanomedicine; A Review. *Bulletin of the Chemical Society of Japan*, **2020**, 93, 1-12 5.1 27
- 184 HSP60 as a Drug Target. *Current Pharmaceutical Design*, **2013**, 19, 441-451 3.3 26
- 183 Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SEN1) inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 5169-73 2.9 25
- 182 Synthesis of heterocyclic allenes via palladium-catalyzed hydride-transfer reaction of propargylic amines. *Journal of Organic Chemistry*, **2005**, 70, 2357-60 4.2 25
- 181 Synthesis of protoporphyrin-lipids and biological evaluation of micelles and liposomes. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 4745-51 3.4 24
- 180 Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. *Journal of Organic Chemistry*, **1995**, 60, 3352-3357 4.2 24
- 179 Synthesis of carboranes containing nucleoside bases. *Heteroatom Chemistry*, **1992**, 3, 239-244 1.2 24

178	Gold(I)-Catalyzed Intramolecular SAr Reaction: Efficient Synthesis of Isoxazole-Containing Fused Heterocycles. <i>Organic Letters</i> , 2018 , 20, 433-436	6.2	23
177	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 ²³	2.9	23
176	Molecular effects of the tissue-nonspecific alkaline phosphatase gene polymorphism (787T > C) associated with bone mineral density. <i>Biomedical Research</i> , 2008 , 29, 213-9	1.5	23
175	Antitumor effect of boron nitride nanotubes in combination with thermal neutron irradiation on BNCT. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 172-4	2.9	22
174	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	3.5	22
173	Suppression of hypoxia-induced HIF-1alpha accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KRN633. <i>Cancer Letters</i> , 2010 , 296, 17-26	9.9	22
172	1-[4-(N-Benzylamino)phenyl]-3-phenylurea derivatives as a new class of hypoxia-inducible factor-1alpha inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3166-9	2.9	22
171	Phase-vanishing methods based on fluorous phase screen: a simple way for efficient execution of organic synthesis. <i>Chemical Record</i> , 2008 , 8, 351-63	6.6	22
170	Synthesis of 1,2-dihydroisoquinolines via palladium(0)-catalyzed addition-cyclization of chloroform to ortho-alkynylaldimines. <i>Tetrahedron Letters</i> , 2008 , 49, 2697-2700	2	22
169	Palladium-catalyzed cyanoallylation of activated olefins. <i>Tetrahedron Letters</i> , 2000 , 41, 2911-2914	2	22
168	Peptide Synthesis Utilizing Micro-flow Technology. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3818-3832	4.5	22
167	Synthesis of 2-Indolyltetrahydroquinolines by Zinc(II)-Catalyzed Intramolecular Hydroarylation-Redox Cross-Dehydrogenative Coupling of N-Propargylanilines with Indoles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6758-61	16.4	21
166	V843I, a lung cancer predisposing EGFR mutation, is responsible for resistance to EGFR tyrosine kinase inhibitors. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 1377-84	8.9	21
165	Catalytic reactions of bis-allylpalladium generated from allyltrifluoroborate. <i>Tetrahedron Letters</i> , 2011 , 52, 426-429	2	21
164	The synthesis of a carborane gadolinium-DTPA complex for boron neutron capture therapy. <i>Journal of Organometallic Chemistry</i> , 1999 , 581, 170-175	2.3	21
163	o-Carboranyl derivatives of 1,3,5-s-triazines: structures, properties and in vitro activities. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 539-548	3.1	20
162	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	4.2	20
161	Synthesis and biological activity of furanylindazoles as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>MedChemComm</i> , 2012 , 3, 1455	5	19

160	Selective inhibition of EGFR and VEGFR2 tyrosine kinases controlled by a boronic acid substituent on 4-anilinoquinazolines. <i>MedChemComm</i> , 2010 , 1, 282	5	19
159	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, 2232-4	8.3	19
158	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	3.9	18
157	Synthesis and biological evaluation of boron peptide analogues of Belactosin C as proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3220-4	2.9	18
156	The Fate of Bis(β -allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). <i>Angewandte Chemie</i> , 2001 , 113, 3308-3310 ¹⁸	3.6	18
155	Step-by-Step Multifunctionalization of Isoxazoles Based On SEAr Reactions and C-H Direct Arylations. <i>Synthesis</i> , 2017 , 49, 2351-2360	2.9	17
154	Selective purification and chemical labeling of a target protein on ruthenium photocatalyst-functionalized affinity beads. <i>Chemical Communications</i> , 2017 , 53, 4838-4841	5.8	17
153	Diaryl-substituted ortho-carboranes as a new class of hypoxia inducible factor-1 α inhibitors. <i>Dalton Transactions</i> , 2014 , 43, 4941-4	4.3	17
152	Localization-dependent cell-killing effects of protoporphyrin (PPIX)-lipid micelles and liposomes in photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 7578-84	3.4	17
151	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, 11896-902	5.1	17
150	Synthesis of closo-Dodecaboryl Lipids and their Liposomal Formation for Boron Neutron Capture Therapy. <i>Nanobiotechnology</i> , 2007 , 3, 135-145		17
149	Synthesis and biological evaluation of allenic quinazolines using palladium-catalyzed hydride-transfer reaction. <i>Tetrahedron Letters</i> , 2006 , 47, 2539-2542	2	17
148	Synthesis of eneallenes via palladium-catalyzed hydride-transfer reaction of propargylic amines under mild conditions. <i>Tetrahedron Letters</i> , 2005 , 46, 8333-8336	2	17
147	Tetrabutylammonium Fluoride Promoted Regiospecific Reactions of Trimethylsilyl-o-Carborane with Aldehydes. <i>Chemistry Letters</i> , 1996 , 25, 791-792	1.7	17
146	Development of Albumin-closo-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	2.3	16
145	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	16.4	16
144	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	2.3	16
143	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	2.3	16

142	ortho-Carboranylphenoxyacetanilides as inhibitors of hypoxia-inducible factor (HIF)-1 transcriptional activity and heat shock protein (HSP) 60 chaperon activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2624-8	2.9	16
141	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, 806-10	3.9	16
140	Discovery of carboranes as inducers of 20S proteasome activity. <i>ChemMedChem</i> , 2010 , 5, 1236-41	3.7	16
139	Enhancement of EGFR tyrosine kinase inhibition by C-C multiple bonds-containing anilinoquinazolines. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 870-9	3.4	16
138	In vivo evaluation of carborane gadolinium-DTPA complex as an MR imaging boron carrier. <i>Chemical and Pharmaceutical Bulletin</i> , 2000 , 48, 1034-8	1.9	16
137	Synthetic utility of o-carborane: novel protective group for aldehydes and ketones. <i>Journal of Organometallic Chemistry</i> , 1999 , 574, 107-115	2.3	16
136	Proximity Histidine Labeling by Umpolung Strategy Using Singlet Oxygen. <i>Journal of the American Chemical Society</i> , 2021 , 143, 7726-7731	16.4	16
135	Protein Chemical Labeling Using Biomimetic Radical Chemistry. <i>Molecules</i> , 2019 , 24,	4.8	15
134	Amphiphilic allylation of arylidene-1,3-oxazol-5(4H)-one using bis-allylpalladium complexes: an approach to synthesis of cyclohexyl and cyclohexenyl amino acids. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7180-9	3.9	15
133	Palladium catalysed addition of 1-carboranyltributyltin to aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2581		15
132	Synthesis and biological evaluation of diaryl-substituted carboranes as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>ChemMedChem</i> , 2013 , 8, 265-71	3.7	14
131	A Novel [3+2] Annulation between ortho-Carboranyltrimethylsilane and Conjugated Carbonyl Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 367-369		14
130	de novo design and synthesis of N-benzylanilines as new candidates for VEGFR tyrosine kinase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 979-81	3.9	14
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