Hiroyuki Nakamura

List of Publications by Year in Descending Order

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	Development of an MRI contrast agent for both detection and inhibition of the amyloid-β fibrillation process.. *RSC Advances*, **2022**, 12, 5027-5030	3.7	
266	Synthesis of sp-rich chiral bicyclo[3.3.1]nonanes for chemical space expansion and study of biological activities.. *Bioorganic and Medicinal Chemistry*, **2021**, 54, 116561	3.4	0
265	Boron neutron capture therapy using dodecaborated albumin conjugates with maleimide is effective in a rat glioma model. *Investigational New Drugs*, **2021**, 1	4.3	2
264	Chronic pathophysiological changes in the normal brain parenchyma caused by radiotherapy accelerate glioma progression. *Scientific Reports*, **2021**, 11, 22110	4.9	1
263	Capsaicin inhibits HIF-1α accumulation through suppression of mitochondrial respiration in lung cancer cells. *Biomedicine and Pharmacotherapy*, **2021**, 146, 112500	7.5	2
262	Suppression of Tumor Growth in a Rabbit Hepatic Cancer Model by Boron Neutron Capture Therapy With Liposomal Boron Delivery Systems. *In Vivo*, **2021**, 35, 3125-3135	2.3	0
261	Carborane as an Alternative Efficient Hydrophobic Tag for Protein Degradation. *Bioconjugate Chemistry*, **2021**, 32, 2377-2385	6.3	2
260	Rapid and Mild Lactamization Using Highly Electrophilic Triphosgene in a Microflow Reactor. *Chemistry - A European Journal*, **2021**, 27, 7525-7532	4.8	3
259	Proximity Histidine Labeling by Umpolung Strategy Using Singlet Oxygen. *Journal of the American Chemical Society*, **2021**, 143, 7726-7731	16.4	16
258	Synthesis of Three-Dimensional (Di)Azatricyclododecene Scaffold and Its Application to Peptidomimetics. *Chemistry - A European Journal*, **2021**, 27, 11888-11894	4.8	3
257	Boron Neutron Capture Therapy Study of 10B Enriched Nanostructured Boron Carbide Against Cervical Cancer and Glioblastoma Cell Line. *Journal of Cluster Science*, **2021**, 32, 221-225	3	1
256	Design and synthesis of 14 and 15-membered macrocyclic scaffolds exhibiting inhibitory activities of hypoxia-inducible factor 1α *Bioorganic and Medicinal Chemistry*, **2021**, 30, 115949	3.4	1
255	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2016-2020). *Expert Opinion on Therapeutic Patents*, **2021**, 31, 387-397	6.8	2
254	Synthesis of 4-amino-5-allenylisoxazoles gold(I)-catalysed propargyl aza-Claisen rearrangement. *Organic and Biomolecular Chemistry*, **2021**, 19, 1358-1364	3.9	3
253	MRI-Based Glucose Assay Using Magnetic Nanoparticle Sensors. *Analytical Sciences*, **2021**,	1.7	1
252	Suzuki-Miyaura cross-coupling of 3,4-disubstituted 5-bromoisoxazoles: An efficient access to trisubstituted isoxazoles. *Tetrahedron Letters*, **2021**, 75, 153185	2	2
251	Fluorescent boron carbide quantum dots synthesized with a low-temperature solvothermal approach for boron neutron capture therapy. *Physica E: Low-Dimensional Systems and Nanostructures*, **2021**, 132, 114766	3	2

250	Rapid and Mild One-Flow Synthetic Approach to Unsymmetrical Sulfamides Guided by Bayesian Optimization. *Chemistry Methods*, **2021**, 1, 484		2
249	Development of curcumin-based amyloid □aggregation inhibitors for Alzheimer□ disease using the SAR matrix approach. *Bioorganic and Medicinal Chemistry*, **2021**, 46, 116357	3.4	3
248	Total synthesis and biological evaluation of 7-hydroxyneolamellarin A as hypoxia-inducible factor-1□nhibitor for cancer therapy. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 50, 128338	2.9	1
247	Preparation of an antigen-responsive fluorogenic immunosensor by tyrosine chemical modification of the antibody complementarity determining region. *Chemical Communications*, **2021**, 57, 9760-9763	5.8	3
246	Enantioselective Synthesis of Oxazaborolidines by Palladium-Catalyzed N-H/B-H Double Activation of 1,2-Azaborines.. *Angewandte Chemie - International Edition*, **2021**, e202113558	16.4	2
245	Comprehensive exploration of chemical space using trisubstituted carboranes.. *Scientific Reports*, **2021**, 11, 24101	4.9	3
244	Zinc(ii)-catalyzed intramolecular hydroarylation-redox cross-dehydrogenative coupling of N-propargylanilines with diverse carbon pronucleophiles: facile access to functionalized tetrahydroquinolines. *Chemical Communications*, **2020**, 56, 7333-7336	5.8	3
243	Strategic design to create HER2-targeting proteins with target-binding peptides immobilized on a fibronectin type III domain scaffold.. *RSC Advances*, **2020**, 10, 15154-15162	3.7	6
242	Size-Controllable and Scalable Production of Liposomes Using a V-Shaped Mixer Micro-Flow Reactor. *Organic Process Research and Development*, **2020**, 24, 2122-2127	3.9	5
241	Site-Selective Protein Chemical Modification of Exposed Tyrosine Residues Using Tyrosine Click Reaction. *Bioconjugate Chemistry*, **2020**, 31, 1417-1424	6.3	27
240	Micro-flow synthesis of □amino acid derivatives via a rapid dual activation approach. *Chemical Communications*, **2020**, 56, 4527-4530	5.8	6
239	Suppression of HIF-1□ccumulation by betulinic acid through proteasome activation in hypoxic cervical cancer. *Biochemical and Biophysical Research Communications*, **2020**, 523, 726-732	3.4	9
238	A laccase-catalysed tyrosine click reaction. *Organic and Biomolecular Chemistry*, **2020**, 18, 3664-3668	3.9	13
237	N-Methylated Peptide Synthesis via Generation of an Acyl N-Methylimidazolium Cation Accelerated by a Br□sted Acid. *Angewandte Chemie*, **2020**, 132, 13025-13030	3.6	4
236	N-Methylated Peptide Synthesis via Generation of an Acyl N-Methylimidazolium Cation Accelerated by a Br□sted Acid. *Angewandte Chemie - International Edition*, **2020**, 59, 12925-12930	16.4	16
235	Labeling of Peroxide-Induced Oxidative Stress Hotspots by Hemin-Catalyzed Tyrosine Click. *Chemical and Pharmaceutical Bulletin*, **2020**, 68, 885-890	1.9	4
234	Boron Neutron Capture Therapy: Next-generation Radiation Therapy That Generates □Rays inside Cancer Cell. *Drug Delivery System*, **2020**, 35, 129-136	0	
233	Investigation into the influence of an acrylic acid acceptor in organic D-□A sensitizers against phototoxicity. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115558	3.4	

232	Design, synthesis, and evaluation of indeno[2,1-c]pyrazolones for use as inhibitors against hypoxia-inducible factor (HIF)-1 transcriptional activity. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115207	3.4	9
231	Carrier proteins-based boron delivery to tumor. *Applied Radiation and Isotopes*, **2020**, 157, 109011	1.7	1
230	Single-Step, Rapid, and Mild Synthesis of -Amino Acid N-Carboxy Anhydrides Using Micro-Flow Technology. *Chemistry - an Asian Journal*, **2020**, 15, 79-84	4.5	9
229	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
228	Rhodium(III)-catalysed decarboxylative C-H functionalization of isoxazoles with alkenes and sulfoxonium ylides. *Organic and Biomolecular Chemistry*, **2020**, 18, 8625-8628	3.9	6
227	Two possible ways to combine boron and gadolinium for Gd-guided BNCT. A concept. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2020**, 195, 910-917	1	4
226	Water-Soluble -Docecaborate-Containing Pteroyl Derivatives Targeting Folate Receptor-Positive Tumors for Boron Neutron Capture Therapy. *Cells*, **2020**, 9,	7.9	12
225	Recent Advances in Continuous-Flow Reactions Using Metal-Free Homogeneous Catalysts. *Catalysts*, **2020**, 10, 1321	4	4
224	Target Protein Identification on Photocatalyst-Functionalized Magnetic Affinity Beads. *Current Protocols in Protein Science*, **2020**, 101, e108	3.1	1
223	Structural Basis of Beneficial Design for Effective Nicotinamide Phosphoribosyltransferase Inhibitors. *Molecules*, **2020**, 25,	4.8	3
222	Cyclic RGD-Functionalized -Dodecaborate Albumin Conjugates as Integrin Targeting Boron Carriers for Neutron Capture Therapy. *Molecular Pharmaceutics*, **2020**, 17, 3740-3747	5.6	12
221	Prediction of an MMP-1 inhibitor activity cliff using the SAR matrix approach and its experimental validation. *Scientific Reports*, **2020**, 10, 14710	4.9	4
220	G-quadruplex-proximity protein labeling based on peroxidase activity. *Chemical Communications*, **2020**, 56, 11641-11644	5.8	4
219	Boron nitride (10BN) a prospective material for treatment of cancer by boron neutron capture therapy (BNCT). *Materials Letters*, **2020**, 259, 126832	3.3	13
218	Photochemical Conversion of Isoxazoles to 5-Hydroxyimidazolines. *Organic Letters*, **2020**, 22, 3460-3463	6.2	5
217	Imaging of cellular uptake of boron cluster compound by stimulated Raman scattering microscopy. *Applied Physics Express*, **2019**, 12, 112004	2.4	6
216	N-acyl-N-methylphenylenediamine as a novel proximity labeling agent for signal amplification in immunohistochemistry. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 1110-1118	3.4	8
215	Rhodium(iii)-catalysed carboxylate-directed C-H functionalizations of isoxazoles with alkynes. *Chemical Communications*, **2019**, 55, 8382-8385	5.8	13

214	Target Protein Chemical Modification **2019**, 305-333		
213	Structure-based drug design of novel carborane-containing nicotinamide phosphoribosyltransferase inhibitors. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 2832-2844	3.4	8
212	Design of S-S bond containing maleimide-conjugated closo-dodecaborate (SSMID): identification of unique modification sites on albumin and investigation of intracellular uptake. *Organic and Biomolecular Chemistry*, **2019**, 17, 5496-5499	3.9	12
211	Raman cell imaging with boron cluster molecules conjugated with biomolecules.. *RSC Advances*, **2019**, 9, 23973-23978	3.7	9
210	Protein Chemical Labeling Using Biomimetic Radical Chemistry. *Molecules*, **2019**, 24,	4.8	15
209	Peptide-Chain Elongation Using Unprotected Amino Acids in a Micro-Flow Reactor. *Chemistry - A European Journal*, **2019**, 25, 15091-15097	4.8	13
208	Utilization of Single Electron Transfer Reaction in Protein Chemical Labeling. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2019**, 77, 463-471	0.2	1
207	Design, synthesis, and evaluation of azo D-A dyes as photothermal agents. *Organic and Biomolecular Chemistry*, **2019**, 18, 93-101	3.9	4
206	Catalyst-proximity protein chemical labelling on affinity beads targeting endogenous lectins. *Chemical Communications*, **2019**, 55, 13275-13278	5.8	7
205	Folate receptor-targeted novel boron compound for boron neutron capture therapy on F98 glioma-bearing rats. *Radiation and Environmental Biophysics*, **2019**, 58, 59-67	2	14
204	Elucidating the mode of action for thiophene-based organic D-A sensitizers for use in photodynamic therapy. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 315-321	3.4	5
203	Synthesis and biological evaluation of closo-dodecaborate ibuprofen conjugate (DIC) as a new boron agent for neutron capture therapy. *Journal of Organometallic Chemistry*, **2018**, 865, 178-182	2.3	6
202	Recent advances in the integrated micro-flow synthesis containing photochemical reactions. *Tetrahedron Letters*, **2018**, 59, 1691-1697	2	8
201	Recent progresses in the synthesis of functionalized isoxazoles. *Tetrahedron Letters*, **2018**, 59, 1159-1171	2	57
200	Synthesis of Pyrazolofuropyrazine via One-Pot SNAr Reaction and Intramolecular Direct C-H Arylation. *Synthesis*, **2018**, 50, 1493-1498	2.9	4
199	Gold(I)-Catalyzed Intramolecular SAr Reaction: Efficient Synthesis of Isoxazole-Containing Fused Heterocycles. *Organic Letters*, **2018**, 20, 433-436	6.2	23
198	Discovery of bicyclo[3,3,1]non-2-ene as a novel skeleton for HIF-1 inhibitors. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 3345-3351	3.4	6
197	The design, synthesis, and evaluation of organic dithienopyrrole-based D-A dyes for use as sensitizers in photodynamic therapy. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 3099-3104	2.9	3

196	Rapid and Mild Synthesis of Amino Acid N-Carboxy Anhydrides: Basic-to-Acidic Flash Switching in a Microflow Reactor. *Angewandte Chemie*, **2018**, 130, 11559-11563	3.6	11
195	Rapid and Mild Synthesis of Amino Acid N-Carboxy Anhydrides: Basic-to-Acidic Flash Switching in a Microflow Reactor. *Angewandte Chemie - International Edition*, **2018**, 57, 11389-11393	16.4	30
194	Design of Carborane-Based Hypoxia-Inducible Factor Inhibitors **2018**, 35-59		1
193	Target-protein-selective inactivation and labelling using an oxidative catalyst. *Organic and Biomolecular Chemistry*, **2018**, 16, 6168-6179	3.9	10
192	Compact test setup for sensitivity evaluation of photoacoustic contrast agent. *Acoustical Science and Technology*, **2018**, 39, 259-262	0.5	3
191	Synthesis of 3-Hydroxy-4-Substituted Picolinonitriles from 4-Propargylaminoisoxazoles via Stepwise and One-Pot Isoxazolopyridine Formation/N-O Bond Cleavage Sequence. *ACS Omega*, **2018**, 3, 16472-16476	3.9	4
190	Peptide Synthesis Utilizing Micro-flow Technology. *Chemistry - an Asian Journal*, **2018**, 13, 3818-3832	4.5	22
189	Metallacarboranes on the Road to Anticancer Therapies: Cellular Uptake, DNA Interaction, and Biological Evaluation of Cobaltabisdicarbollide [COSAN]. *Chemistry - A European Journal*, **2018**, 24, 17239-17254	4.8	46
188	o-Carboranylalkoxy-1,3,5-Triazine Derivatives: Synthesis, Characterization, X-ray Structural Studies, and Biological Activity. *Molecules*, **2018**, 23,	4.8	3
187	closo-Dodecaborate-conjugated human serum albumins: preparation and in vivo selective boron delivery to tumor. *Pure and Applied Chemistry*, **2018**, 90, 745-753	2.1	8
186	1-Methyl-4-aryl-urazole (MAUra) labels tyrosine in proximity to ruthenium photocatalysts. *Chemical Communications*, **2018**, 54, 5871-5874	5.8	34
185	Step-by-Step Multifunctionalization of Isoxazoles Based On SEAr Reactions and CH Direct Arylations. *Synthesis*, **2017**, 49, 2351-2360	2.9	17
184	Development of Albumin-closo-Dodecaborate Conjugates as Boron Carriers for Neutron-Capture Therapy by Ru(bpy)3-Photocatalyzed Modification of Tyrosine. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4406-4410	2.3	16
183	Selective purification and chemical labeling of a target protein on ruthenium photocatalyst-functionalized affinity beads. *Chemical Communications*, **2017**, 53, 4838-4841	5.8	17
182	Discovery of (2-aminophenyl)methanol as a new molecular chaperone that rescues the localization of P123S mutant pendrin stably expressed in HEK293 cells. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 2601-2608	3.4	1
181	Horseradish-Peroxidase-Catalyzed Tyrosine Click Reaction. *ChemBioChem*, **2017**, 18, 475-478	3.8	27
180	Front Cover: Development of Albumin-closo-Dodecaborate Conjugates as Boron Carriers for Neutron-Capture Therapy by Ru(bpy)3-Photocatalyzed Modification of Tyrosine (Eur. J. Inorg. Chem. 38-39/2017). *European Journal of Inorganic Chemistry*, **2017**, 2017, 4344-4344	2.3	1
179	Development of Albumin-closo-Dodecaborate Conjugates as Boron Carriers for Neutron-Capture Therapy by Ru(bpy)3-Photocatalyzed Modification of Tyrosine. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4345-4345	2.3	

178	Subcellular localization of novel photosensitizer named porphyrus envelope in human prostate cancer cell line PC-3. *Nippon Laser Igakkaishi*, **2017**, 37, 415-420	0	
177	Thiophene-Based Organic D-A Dyes as Potent Sensitizers for Photodynamic Therapy. *European Journal of Organic Chemistry*, **2017**, 2017, 5170-5177	3.2	13
176	Integrated Micro-Flow Synthesis Based on Photochemical Wolff Rearrangement. *European Journal of Organic Chemistry*, **2017**, 2017, 6466-6473	3.2	13
175	Photodynamic therapy using a cytotoxic photosensitizer porphyrus envelope that targets the cell membrane. *Photodiagnosis and Photodynamic Therapy*, **2017**, 20, 238-245	3.5	7
174	Total synthesis of feglymycin based on a linear/convergent hybrid approach using micro-flow amide bond formation. *Nature Communications*, **2016**, 7, 13491	17.4	57
173	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. *Journal of Controlled Release*, **2016**, 237, 160-7	11.7	35
172	A rapid and clean synthetic approach to cyclic peptides via micro-flow peptide chain elongation and photochemical cyclization: synthesis of a cyclic RGD peptide. *Organic and Biomolecular Chemistry*, **2016**, 14, 11244-11249	3.9	18
171	Development of 1-aryl-3-furanyl/thienyl-imidazopyridine templates for inhibitors against hypoxia inducible factor (HIF)-1 transcriptional activity. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5887-5890	2.9	23
170	Synthesis of 2-Indolyltetrahydroquinolines by Zinc(II)-Catalyzed Intramolecular Hydroarylation-Redox Cross-Dehydrogenative Coupling of N-Propargylanilines with Indoles. *Angewandte Chemie - International Edition*, **2016**, 55, 6758-61	16.4	21
169	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2011-2015). *Expert Opinion on Therapeutic Patents*, **2016**, 26, 309-22	6.8	35
168	Effective photodynamic therapy in drug-resistant prostate cancer cells utilizing a non-viral antitumor vector (a secondary publication). *Laser Therapy*, **2016**, 25, 55-62	0.8	1
167	Synthesis of 2-Indolyltetrahydroquinolines by Zinc(II)-Catalyzed Intramolecular Hydroarylation-Redox Cross-Dehydrogenative Coupling of N-Propargylanilines with Indoles. *Angewandte Chemie*, **2016**, 128, 6870-6873	3.6	2
166	The Life of Pi Star: Exploring the Exciting and Forbidden Worlds of the Benzophenone Photophore. *Chemical Reviews*, **2016**, 116, 15284-15398	68.1	121
165	Generation of an 4-Isoxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. *Angewandte Chemie - International Edition*, **2016**, 55, 13580-13584	16.4	36
164	Generation of an 4-Isoxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. *Angewandte Chemie*, **2016**, 128, 13778-13782	3.6	7
163	Novel Hyaluronan Formulation Enhances the Efficacy of Boron Neutron Capture Therapy for Murine Mesothelioma. *Anticancer Research*, **2016**, 36, 907-11	2.3	8
162	Diaryl-substituted carboranes as inhibitors of hypoxia inducible factor-1 transcriptional activity. *Pure and Applied Chemistry*, **2015**, 87, 143-154	2.1	8
161	Synthesis of oligo-closo-dodecaborates by Huisgen click reaction as encapsulated agents for the preparation of high-boron-content liposomes for neutron capture therapy. *New Journal of Chemistry*, **2015**, 39, 6388-6394	3.6	10

160	Boron-Based Drug Design. *Chemical Record*, **2015**, 15, 616-35	6.6	89
159	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
158	C(sp3)–H versus C(sp3)–C(sp) in Activation of Propargylic Amines under Transition-Metal Catalysis. *Synlett*, **2015**, 26, 1649-1664	2.2	11
157	Tyrosine-Specific Chemical Modification with in Situ Hemin-Activated Luminol Derivatives. *ACS Chemical Biology*, **2015**, 10, 2633-40	4.9	48
156	Proteomic analysis of cellular response induced by boron neutron capture reaction in human squamous cell carcinoma SAS cells. *Applied Radiation and Isotopes*, **2015**, 106, 213-9	1.7	8
155	Antitumor effect of boron nitride nanotubes in combination with thermal neutron irradiation on BNCT. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 172-4	2.9	22
154	Effective Photodynamic Therapy to Drug-Resistant Prostate Cancer Cells Utilizing Non-Viral Antitumor Vector. *Nippon Laser Igakkaishi*, **2015**, 36, 18-24	0	
153	Historical Development and Current Status of Boron Delivery Agents for Boron Neutron Capture Therapy. *Radioisotopes*, **2015**, 64, 47-58	0.1	3
152	Synthesis and biological evaluation of meta-carborane-containing phenoxyacetanilides as inhibitors of hypoxia-inducible factor (HIF)-1 transcriptional activity. *Journal of Organometallic Chemistry*, **2015**, 798, 189-195	2.3	16
151	ortho-Carboranylphenoxyacetanilides as inhibitors of hypoxia-inducible factor (HIF)-1 transcriptional activity and heat shock protein (HSP) 60 chaperon activity. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 2624-8	2.9	16
150	Photodynamic therapy using hemagglutinating virus of Japan envelope (HVJ-E): a novel therapeutic approach for the treatment of hormone antagonistic prostate cancer **2015**,		1
149	Localization-dependent cell-killing effects of protoporphyrin (PPIX)-lipid micelles and liposomes in photodynamic therapy. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 7578-84	3.4	17
148	Regulation of target protein knockdown and labeling using ligand-directed Ru(bpy)3 photocatalyst. *Bioconjugate Chemistry*, **2015**, 26, 250-6	6.3	46
147	Hemagglutinating virus of Japan envelope (HVJ-E) allows targeted and efficient delivery of photosensitizer for photodynamic therapy against advanced prostate cancer **2015**,		2
146	Diaryl-substituted ortho-carboranes as a new class of hypoxia inducible factor-1–inhibitors. *Dalton Transactions*, **2014**, 43, 4941-4	4.3	17
145	Synthesis of protoporphyrin-lipids and biological evaluation of micelles and liposomes. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 4745-51	3.4	24
144	Spermidinium closo-dodecaborate-encapsulating liposomes as efficient boron delivery vehicles for neutron capture therapy. *Chemical Communications*, **2014**, 50, 12325-8	5.8	49
143	Amphiphilic COSAN and I2-COSAN crossing synthetic lipid membranes: planar bilayers and liposomes. *Chemical Communications*, **2014**, 50, 6700-3	5.8	49

142	Design of Photoaffinity Probe Molecules for Identification and Modification of Target Proteins. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2014**, 27, 453-458	0.7	3
141	V843I, a lung cancer predisposing EGFR mutation, is responsible for resistance to EGFR tyrosine kinase inhibitors. *Journal of Thoracic Oncology*, **2014**, 9, 1377-84	8.9	21
140	A novel photodynamic therapy for drug-resistant prostate cancer cells using porphyrus envelope as a novel photosensitizer. *Photodiagnosis and Photodynamic Therapy*, **2014**, 11, 48-54	3.5	22
139	Reactivity of Propargylic Amines in the Presence of Transition Metals. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2014**, 72, 654-665	0.2	
138	Synthesis and biological evaluation of ortho-carborane containing benzoxazole as an inhibitor of hypoxia inducible factor (HIF)-1 transcriptional activity. *Journal of Organometallic Chemistry*, **2013**, 747, 189-194	2.3	16
137	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
136	Synthesis and biological evaluation of diaryl-substituted carboranes as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. *ChemMedChem*, **2013**, 8, 265-71	3.7	14
135	Development of high boron content liposomes and their promising antitumor effect for neutron capture therapy of cancers. *Bioconjugate Chemistry*, **2013**, 24, 124-32	6.3	61
134	Towards new boron carriers for boron neutron capture therapy: metallacarboranes bearing cobalt, iron and chromium and their cholesterol conjugates. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 1136-42	3.4	40
133	Development of hypoxia-inducible factor (HIF)-1 inhibitors: effect of ortho-carborane substituents on HIF transcriptional activity under hypoxia. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 806-10	2.9	16
132	Ligand-directed selective protein modification based on local single-electron-transfer catalysis. *Angewandte Chemie - International Edition*, **2013**, 52, 8681-4	16.4	106
131	Discovery of Indenopyrazoles as a New Class of Hypoxia Inducible Factor (HIF)-1 Inhibitors. *ACS Medicinal Chemistry Letters*, **2013**, 4, 297-301	4.3	41
130	HSP60 as a Drug Target. *Current Pharmaceutical Design*, **2013**, 19, 441-451	3.3	26
129	Ligand-Directed Selective Protein Modification Based on Local Single-Electron-Transfer Catalysis. *Angewandte Chemie*, **2013**, 125, 8843-8846	3.6	27
128	Synthesis and biological evaluation of boronic acid containing phenstatin analogues. *Arkivoc*, **2013**, 2012, 79-87	0.9	2
127	HSP60 as a drug target. *Current Pharmaceutical Design*, **2013**, 19, 441-51	3.3	12
126	Zinc(II)-catalyzed redox cross-dehydrogenative coupling of propargylic amines and terminal alkynes for synthesis of N-tethered 1,6-enynes. *Journal of the American Chemical Society*, **2012**, 134, 2504-7	16.4	150
125	Design and synthesis of fluorescence-labeled closo-dodecaborate lipid: its liposome formation and in vivo imaging targeting of tumors for boron neutron capture therapy. *Organic and Biomolecular Chemistry*, **2012**, 10, 1374-80	3.9	33

124	Synthesis and biological activity of furanylindazoles as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. *MedChemComm*, **2012**, 3, 1455	5	19
123	Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SENP)1 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 5169-73	2.9	25
122	Identification of heat shock protein 60 as the regulator of the hypoxia-inducible factor subunit HIF-1. *Pure and Applied Chemistry*, **2012**, 84, 2325-2337	2.1	11
121	Boron Compounds: New Candidates for Boron Carriers in BNCT **2012**, 99-116		12
120	Copper(I)-Catalysed Deacetylenative Cross-Coupling Reaction of Terminal Alkynes with Propargylic Amines via C(sp)-C(sp3) Bond Cleavage. *Synlett*, **2012**, 23, 1686-1690	2.2	1
119	In vitro investigation of efficient photodynamic therapy using a nonviral vector; hemagglutinating virus of Japan envelope. *Journal of Biomedical Optics*, **2012**, 17, 77009	3.5	1
118	In vitro investigation of efficient photodynamic therapy using a nonviral vector; hemagglutinating virus of Japan envelope. *Journal of Biomedical Optics*, **2012**, 17, 078002	3.5	3
117	Amphiphilic allylation of arylidene-1,3-oxazol-5(4H)-one using bis-allylpalladium complexes: an approach to synthesis of cyclohexyl and cyclohexenyl amino acids. *Organic and Biomolecular Chemistry*, **2011**, 9, 7180-9	3.9	15
116	Hypoxia-inducible factor inhibitors: a survey of recent patented compounds (2004 - 2010). *Expert Opinion on Therapeutic Patents*, **2011**, 21, 131-46	6.8	38
115	Biological evaluation of dopamine analogues containing phenylboronic acid group as new boron carriers. *Applied Radiation and Isotopes*, **2011**, 69, 1771-3	1.7	2
114	m-Carborane-based chiral NBN pincer-metal complexes: synthesis, structure, and application in asymmetric catalysis. *Inorganic Chemistry*, **2011**, 50, 4149-61	5.1	72
113	Facile synthesis of 4-substituted 3,4-dihydro-1H-2,1,3-benzothiadiazine 2,2-dioxides. *Heteroatom Chemistry*, **2011**, 22, 192-197	1.2	2
112	Copper(I)-catalyzed deacetylenative coupling of propargylic amines: an efficient synthesis of symmetric 1,4-diamino-2-butynes. *Chemistry - A European Journal*, **2011**, 17, 12561-3	4.8	13
111	Discovery of ortho-Carborane-Conjugated Triazines as Selective Topoisomerase I/II Inhibitors. *Australian Journal of Chemistry*, **2011**, 64, 1430	1.2	7
110	Catalytic reactions of bis-allylpalladium generated from allyltrifluoroborate. *Tetrahedron Letters*, **2011**, 52, 426-429	2	21
109	Liposomal neutron capture therapy. *Drug Delivery System*, **2010**, 25, 474-482	0	2
108	Copper(I)-catalyzed substitution reactions of propargylic amines: importance of C(sp)-C(sp3) bond cleavage in generation of iminium intermediates. *Journal of the American Chemical Society*, **2010**, 132, 5332-3	16.4	61
107	Identification of HSP60 as a primary target of o-carboranylphenoxyacetanilide, an HIF-1alpha inhibitor. *Journal of the American Chemical Society*, **2010**, 132, 11870-1	16.4	78

106	Salicylate restores transport function and anion exchanger activity of missense pendrin mutations. *Hearing Research*, **2010**, 270, 110-8	3.9	30
105	Suppression of hypoxia-induced HIF-1alpha accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KRN633. *Cancer Letters*, **2010**, 296, 17-26	9.9	22
104	Undecahydro-closo-dodecaborates as good leaving groups in organic synthesis: generation of substituted styrenes via elimination of arylethyl dodecaborates. *Organic and Biomolecular Chemistry*, **2010**, 8, 4427-35	3.9	7
103	Selective inhibition of EGFR and VEGFR2 tyrosine kinases controlled by a boronic acid substituent on 4-anilinoquinazolines. *MedChemComm*, **2010**, 1, 282	5	19
102	Synthesis of triazolyl methyl-substituted amino- and oxy-undecahydrododecaborates for potential application in boron neutron capture therapy. *New Journal of Chemistry*, **2010**, 34, 1612	3.6	12
101	Discovery of carboranes as inducers of 20S proteasome activity. *ChemMedChem*, **2010**, 5, 1236-41	3.7	16
100	Boron-containing protoporphyrin IX derivatives and their modification for boron neutron capture therapy: synthesis, characterization, and comparative in vitro toxicity evaluation. *Chemistry - A European Journal*, **2010**, 16, 1543-52	4.8	43
99	Enhancement of EGFR tyrosine kinase inhibition by C-C multiple bonds-containing anilinoquinazolines. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 870-9	3.4	16
98	Dodecaborate lipid liposomes as new vehicles for boron delivery system of neutron capture therapy. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 3059-65	3.4	50
97	Boron-containing phenoxyacetanilide derivatives as hypoxia-inducible factor (HIF)-1alpha inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 1453-6	2.9	53
96	New types of potential BNCT agents, o-carboranyl aminoalcohols. *Tetrahedron Letters*, **2009**, 50, 2960-2963	2.4	7
95	Synthesis and biological evaluation of boron peptide analogues of Belactosin C as proteasome inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 3220-4	2.9	18
94	Development of boron nanocapsules for neutron capture therapy. *Applied Radiation and Isotopes*, **2009**, 67, S84-7	1.7	8
93	1-[4-(N-Benzylamino)phenyl]-3-phenylurea derivatives as a new class of hypoxia-inducible factor-1alpha inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 3166-9	2.9	22
92	New strategy for synthesis of mercaptoundecahydrododecaborate derivatives via click chemistry: possible boron carriers and visualization in cells for neutron capture therapy. *Inorganic Chemistry*, **2009**, 48, 11896-902	5.1	17
91	Liposomal boron delivery for neutron capture therapy. *Methods in Enzymology*, **2009**, 465, 179-208	1.7	28
90	Discovery of boron-conjugated 4-anilinoquinazoline as a prolonged inhibitor of EGFR tyrosine kinase. *Organic and Biomolecular Chemistry*, **2009**, 7, 4415-27	3.9	36
89	de novo design and synthesis of N-benzylanilines as new candidates for VEGFR tyrosine kinase inhibitors. *Organic and Biomolecular Chemistry*, **2008**, 6, 979-81	3.9	14

88	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
87	Triazinyl Architecture on Bifunctional Carboranyl Templates for the Production of Potential Neutron Capture Therapy Agents: Synthesis and Characterization of 1,3,5-Triazinylcarborane Derivatives. *Synthesis*, **2008**, 2008, 1193-1200	2.9	7
86	Molecular effects of the tissue-nonspecific alkaline phosphatase gene polymorphism (787T > C) associated with bone mineral density. *Biomedical Research*, **2008**, 29, 213-9	1.5	23
85	Synthesis of allenes via CuBr-catalyzed homologation of alk-1-ynes accelerated by microwave. *Tetrahedron Letters*, **2008**, 49, 7230-7233	2	30
84	Phase-vanishing methods based on fluorous phase screen: a simple way for efficient execution of organic synthesis. *Chemical Record*, **2008**, 8, 351-63	6.6	22
83	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. *ChemMedChem*, **2008**, 3, 1094-103	3.7	13
82	Synthesis and characterization of polar functional group substituted mono- and bis-(o-carboranyl)-1,3,5-triazine derivatives. *Tetrahedron Letters*, **2008**, 49, 159-164	2	14
81	Synthesis of 1,2-dihydroisoquinolines via palladium(0)-catalyzed addition–cyclization of chloroform to ortho-alkynylaldimines. *Tetrahedron Letters*, **2008**, 49, 2697-2700	2	22
80	Discovery of indenopyrazoles as EGFR and VEGFR-2 tyrosine kinase inhibitors by in silico high-throughput screening. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 285-8	2.9	31
79	Preparation of Boronated Heterocyclic Compounds Using Intramolecular Cyclization Reaction. *Bulletin of the Korean Chemical Society*, **2008**, 29, 357-362	1.2	2
78	Synthesis and Characterization of o-Carboranylthiolate Substituted 1,3,5-Triazines. *Bulletin of the Korean Chemical Society*, **2008**, 29, 697-700	1.2	3
77	Synthesis of dodecaborate-conjugated cholesterols for efficient boron delivery in neutron capture therapy. *Tetrahedron Letters*, **2007**, 48, 3151-3154	2	42
76	Synthesis of closo-Dodecaboryl Lipids and their Liposomal Formation for Boron Neutron Capture Therapy. *Nanobiotechnology*, **2007**, 3, 135-145		17
75	Synthesis of boron cluster lipids: closo-dodecaborate as an alternative hydrophilic function of boronated liposomes for neutron capture therapy. *Organic Letters*, **2007**, 9, 323-6	6.2	74
74	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
73	Synthesis and biological evaluation of boronic acid containing cis-stilbenes as apoptotic tubulin polymerization inhibitors. *ChemMedChem*, **2006**, 1, 729-40	3.7	33
72	Synthesis of THIQ Derivatives as Potential Boron Neutron Capture Therapy Agents: N-Functionalizedo-Carboranylmethyl Benzopiperidines. *Synlett*, **2006**, 2006, 275-278	2.2	3
71	Transferrin-loaded nido-carborane liposomes: tumor-targeting boron delivery system for neutron capture therapy. *Bioconjugate Chemistry*, **2006**, 17, 1314-20	6.3	82

70	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. *Organic Letters*, **2006**, 8, 2095-8	6.2	37
69	Synthesis and biological evaluation of allenic quinazolines using palladium-catalyzed hydride-transfer reaction. *Tetrahedron Letters*, **2006**, 47, 2539-2542	2	17
68	Synthesis of heterocyclic allenes via palladium-catalyzed hydride-transfer reaction of propargylic amines. *Journal of Organic Chemistry*, **2005**, 70, 2357-60	4.2	25
67	Controllable polymerization of N-carboxy anhydrides in a microreaction system. *Lab on A Chip*, **2005**, 5, 812-8	7.2	85
66	Functional analysis of the single nucleotide polymorphism (787T>C) in the tissue-nonspecific alkaline phosphatase gene associated with BMD. *Journal of Bone and Mineral Research*, **2005**, 20, 773-82	6.3	41
65	Synthesis and in vivo biodistribution of BPA-Gd-DTPA complex as a potential MRI contrast carrier for neutron capture therapy. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 735-43	3.4	33
64	Synthesis of ene□llenes via palladium-catalyzed hydride-transfer reaction of propargylic amines under mild conditions. *Tetrahedron Letters*, **2005**, 46, 8333-8336	2	17
63	Synthesis of N-Functionalized 3,4-o-Carboranylenepiperidines as Potential Boron Neutron Capture Therapy Agents. *Synlett*, **2004**, 2004, 1799-1801	2.2	9
62	Preparations: Sections 11.41 □11.50 **2004**, 457-477		
61	Synthesis and biological evaluation of benzamides and benzamidines: structural requirement of a pyrimidine ring for inhibition of EGFR tyrosine kinase. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 2299-302	2.9	11
60	Design, synthesis, and biological evaluation of aminoboronic acids as growth-factor receptor inhibitors of EGFR and VEGFR-1 tyrosine kinases. *ChemBioChem*, **2004**, 5, 483-90	3.8	33
59	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
58	Synthesis of 1,2-dihydroisoquinolines via the reaction of ortho-alkynylarylimines with bis-□allylpalladium. *Tetrahedron Letters*, **2004**, 45, 7339-7341	2	78
57	Synthesis and vesicle formation of a nido-carborane cluster lipid for boron neutron capture therapy. *Chemical Communications*, **2004**, 1910-1	5.8	46
56	Synthesis of allenes via palladium-catalyzed hydrogen-transfer reactions: propargylic amines as an allenyl anion equivalent. *Journal of the American Chemical Society*, **2004**, 126, 5958-9	16.4	78
55	o-Carboranyl derivatives of 1,3,5-s-triazines: structures, properties and in vitro activities. *Applied Organometallic Chemistry*, **2003**, 17, 539-548	3.1	20
54	Fluorous solvent as a new phase-screen medium between reagents and reactants in the bromination and chlorination of alcohols. *Organic Letters*, **2003**, 5, 1167-9	6.2	35
53	Novel carboranes with a DNA binding unit for the treatment of cancer by boron neutron capture therapy. *ChemBioChem*, **2002**, 3, 219-25	3.8	36

52	A convenient synthesis of the novel carboranyl-substituted tetrahydroisoquinolines: application to the biologically active agent for BNCT. *Tetrahedron Letters*, **2002**, 43, 5483-5486	2	14
51	Tandem nucleophilic allylation□alkoxyallylation of alkynylaldehydes via amphiphilic bis-□allylpalladium complexes. *Tetrahedron Letters*, **2002**, 43, 7631-7633	2	43
50	Nucleophilic Allylation-HeterocyclizationviaBis-□allylpalladium Complexes: Synthesis of Five- and Six-Membered Heterocycles. *Chemistry Letters*, **2002**, 31, 158-159	1.7	14
49	Palladium-catalyzed aminoallylation of activated olefins with allylic halides and phthalimide. *Journal of Organic Chemistry*, **2002**, 67, 5977-80	4.2	79
48	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. *Journal of the American Chemical Society*, **2002**, 124, 12946-7	16.4	87
47	Carboranyl bisglycosides for the treatment of cancer by boron neutron capture therapy. *ChemBioChem*, **2001**, 2, 326-34	3.8	29
46	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). *Angewandte Chemie*, **2001**, 113, 3308-3310	3.6	18
45	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). *Angewandte Chemie - International Edition*, **2001**, 40, 3208-3210	16.4	82
44	Ortho-carboranyl glycosides for the treatment of cancer by boron neutron capture therapy. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 1747-52	3.4	41
43	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. *Journal of Organic Chemistry*, **2001**, 66, 7142-7	4.2	48
42	Catalytic Amphiphilic Allylation via Bis-□allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. *Journal of the American Chemical Society*, **2001**, 123, 372-377	16.4	103
41	Fluorous triphasic reactions: transportative deprotection of fluorous silyl ethers with concomitant purification. *Journal of the American Chemical Society*, **2001**, 123, 10119-20	16.4	55
40	Facile allylative dearomatization catalyzed by palladium. *Journal of the American Chemical Society*, **2001**, 123, 759-60	16.4	123
39	A Concise Synthesis of Enantiomerically Pure L-(4-Boronophenyl)Alanine from L-Tyrosine **2001**, 765-768		
38	In Vitro Uptake Study of 5-Carboranyl Uridine and Its Derivatives **2001**, 1003-1008		
37	In vivo evaluation of carborane gadolinium-DTPA complex as an MR imaging boron carrier. *Chemical and Pharmaceutical Bulletin*, **2000**, 48, 1034-8	1.9	16
36	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
35	Palladium-catalyzed cyanoallylation of activated olefins. *Tetrahedron Letters*, **2000**, 41, 2911-2914	2	22

34	Preparation and application of a polymer-supported chiral η3-allylpalladium catalyst for the allylation of imines. *Tetrahedron Letters*, **2000**, 41, 131-134	2	41
33	Synthesis of a new amphiphilic ortho-carborane as a potential BNCT agent: 4-[N,N-formyl-(ortho-carboranylmethyl)-amino]benzoyl-L-glutamic acid. *Tetrahedron Letters*, **1999**, 40, 4821-4824	2	8
32	Synthetic utility of o-carborane: novel protective group for aldehydes and ketones. *Journal of Organometallic Chemistry*, **1999**, 574, 107-115	2.3	16
31	The synthesis of a carborane gadolinium-DTPA complex for boron neutron capture therapy. *Journal of Organometallic Chemistry*, **1999**, 581, 170-175	2.3	21
30	Chiral pi-Allylpalladium-Catalyzed Asymmetric Allylation of Imines: Replacement of Allylstannanes by Allylsilanes. *Journal of Organic Chemistry*, **1999**, 64, 2614-2615	4.2	120
29	Palladium(0)-Catalyzed Cope Rearrangement of Acyclic 1,5-Dienes. Bis(η3-allyl)palladium(II) Intermediate. *Journal of the American Chemical Society*, **1999**, 121, 10850-10851	16.4	40
28	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. *Journal of Organic Chemistry*, **1999**, 64, 4148-4151	4.2	20
27	Novel Addition and [3+2] Cycloaddition Reactions of Stannyl- and Silyl-ortho-carboranes to Carbonyl Compounds. *Collection of Czechoslovak Chemical Communications*, **1999**, 64, 829-846		5
26	Palladium-Catalyzed Alkoxyallylation of Activated Olefins. *Journal of the American Chemical Society*, **1998**, 120, 6838-6839	16.4	41
25	Tetrabutylammonium Fluoride Promoted Novel Reactions of o-Carborane: Inter- and Intramolecular Additions to Aldehydes and Ketones and Annulation via Enals and Enones. *Journal of the American Chemical Society*, **1998**, 120, 1167-1171	16.4	52
24	A Concise Synthesis of Enantiomerically Pure L-(4-Boronophenyl)alanine from L-Tyrosine. *Journal of Organic Chemistry*, **1998**, 63, 7529-7530	4.2	56
23	Palladium Catalyzed Regioselective Acetonation−Allylation of Activated Olefins in One Shot. *Journal of Organic Chemistry*, **1998**, 63, 8470-8474	4.2	32
22	Catalytic Asymmetric Allylation of Imines via Chiral Bis-η3-allylpalladium Complexes. *Journal of the American Chemical Society*, **1998**, 120, 4242-4243	16.4	170
21	Amphiphilic Catalytic Allylating Reagent, Bis-η3-allylpalladium Complex. *Journal of the American Chemical Society*, **1997**, 119, 8113-8114	16.4	86
20	Synthesis of carboranes containing an azulene framework and in vitro evaluation as boron carriers. *Journal of Medicinal Chemistry*, **1997**, 40, 2825-30	8.3	34
19	o-Carborane as a Novel Protective Group for Aldehydes and Ketones. *Journal of Organic Chemistry*, **1997**, 62, 780-781	4.2	30
18	A Novel [3+2] Annelation between ortho-Carboranyltrimethylsilane and Conjugated Carbonyl Compounds. *Angewandte Chemie International Edition in English*, **1997**, 36, 367-369		14
17	Palladium- and Platinum-Catalyzed Addition of Aldehydes and Imines with Allylstannanes. Chemoselective Allylation of Imines in the Presence of Aldehydes. *Journal of the American Chemical Society*, **1996**, 118, 6641-6647	16.4	202

16	Unprecedented highly chemoselective allylation of imines in the presence of aldehydes via a palladium catalysed allylstannane reaction. *Chemical Communications*, **1996**, 1459	5.8	39
15	Tetrabutylammonium Fluoride Promoted Regiospecific Reactions of Trimethylsilyl-o-Carborane with Aldehydes. *Chemistry Letters*, **1996**, 25, 791-792	1.7	17
14	Netropsin and Distamycin Analogues Bearing Ortho-Carborane **1996**, 177-182		
13	Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. *Journal of Organic Chemistry*, **1995**, 60, 3352-3357	4.2	24
12	Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. *Journal of the Chemical Society Chemical Communications*, **1995**, 1273		42
11	Palladium catalysed addition of 1-carboranyltributyltin to aldehydes. *Journal of the Chemical Society Chemical Communications*, **1994**, 2581		15
10	1-Carboranyl-3-(2-methylaziridino)-2-propanol. Synthesis, selective uptake by B-16 melanoma, and selective cytotoxicity toward cancer cells. *Journal of Medicinal Chemistry*, **1993**, 36, 2232-4	8.3	19
9	Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. *Journal of the Chemical Society Chemical Communications*, **1993**, 1201		43
8	A New Water-soluble p-Boronophenylalanine Derivative for Neutron Capture Therapy. *Chemistry Letters*, **1993**, 22, 465-468	1.7	11
7	Boron-11 NMR of Boron Compounds in the Presence of Cancer Cells. *Journal of Magnetic Resonance Series B*, **1993**, 101, 198-200		5
6	Synthesis and Biological Properties of Carboranylaziridine **1993**, 305-308		
5	Synthesis of carboranes containing nucleoside bases. Unexpectedly high cytostatic and cytocidal toxicity towards cancer cells. *Journal of the Chemical Society Chemical Communications*, **1992**, 157		41
4	Polyols of a cascade type as a water-solubilizing element of carborane derivatives for boron neutron capture therapy. *Journal of Organic Chemistry*, **1992**, 57, 435-435	4.2	67
3	Synthesis of carboranes containing nucleoside bases. *Heteroatom Chemistry*, **1992**, 3, 239-244	1.2	24
2	The Tsuji□Trost Reaction and Related Carbon□Carbon Bond Formation Reactions: Palladium-Catalyzed Reactions of Soft Carbon Nucleophiles with Dienes, Vinylcyclopropanes, and Related Compounds1833-1844		
1	Palladium-Catalyzed Carbon Skeletal Rearrangements: Cope, Claisen, and Other [3,3] Rearrangements2919-2934		39