

Yoshihide Hattori

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dodecaborate Conjugates Targeting Tumor Cell Overexpressing Translocator Protein for Boron Neutron Capture Therapy. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 50-54.	2.8	8
2	Dodecaborate-Encapsulated Extracellular Vesicles with Modification of Cell-Penetrating Peptides for Enhancing Macropinocytotic Cellular Uptake and Biological Activity in Boron Neutron Capture Therapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 1135-1145.	4.6	16
3	The Therapeutic Effects of Dodecaborate Containing Boronophenylalanine for Boron Neutron Capture Therapy in a Rat Brain Tumor Model. <i>Biology</i> , 2020, 9, 437.	2.8	16
4	Antibody-Based Receptor Targeting Using an Fc-Binding Peptide-Dodecaborate Conjugate and Macropinocytosis Induction for Boron Neutron Capture Therapy. <i>ACS Omega</i> , 2020, 5, 22731-22738.	3.5	25
5	Chemical structure of hydrolysates of cereulide and their time course profile. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127050.	2.2	1
6	Synthesis and Evaluation of Dodecaboranethiol Containing Kojic Acid (KA-BSH) as a Novel Agent for Boron Neutron Capture Therapy. <i>Cells</i> , 2020, 9, 1551.	4.1	21
7	Cellular uptake evaluation of pentagamaboronon-0 (PGB-0) for boron neutron capture therapy (BNCT) against breast cancer cells. <i>Investigational New Drugs</i> , 2019, 37, 1292-1299.	2.6	6
8	Synthesis of the reported structure of homocereulide and its vacuolation assay. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 734-739.	2.2	9
9	Intracellular target delivery of cell-penetrating peptide-conjugated dodecaborate for boron neutron capture therapy (BNCT). <i>Chemical Communications</i> , 2019, 55, 13955-13958.	4.1	44
10	Preparation of pentagamaboronon-0 and its fructose and sorbitol complexes as boron carrier for boron neutron capture therapy (BNCT) application. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 286.	1.8	4
11	Evaluation of a novel sodium borocaptate-containing unnatural amino acid as a boron delivery agent for neutron capture therapy of the F98 rat glioma. <i>Radiation Oncology</i> , 2017, 12, 26.	2.7	36
12	Development and Elucidation of a Novel Fluorescent Boron-Sensor for the Analysis of Boronic Acid-Containing Compounds. <i>Sensors</i> , 2017, 17, 2436.	3.8	10
13	Comparison of the pharmacokinetics between L-BPA and L-FBPA using the same administration dose and protocol: a validation study for the theranostic approach using [18F]-L-FBPA positron emission tomography in boron neutron capture therapy. <i>BMC Cancer</i> , 2016, 16, 859.	2.6	46
14	Visualization of Boronic Acid Containing Pharmaceuticals in Live Tumor Cells Using a Fluorescent Boronic Acid Sensor. <i>ACS Sensors</i> , 2016, 1, 1394-1397.	7.8	14
15	Detection of boronic acid derivatives in cells using a fluorescent sensor. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6927-6930.	2.8	25
16	Synthesis and in vitro evaluation of thiododecaborated β , γ -cycloalkylamino acids for the treatment of malignant brain tumors by boron neutron capture therapy. <i>Amino Acids</i> , 2014, 46, 2715-2720.	2.7	23
17	Biological Evaluation of Dodecaborate-Containing α -Amino Acids for Boron Neutron Capture Therapy. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6980-6984.	6.4	52
18	Synthesis of optically active dodecaborate-containing α -amino acids for BNCT. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1768-1770.	1.5	25

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19	Development of the first and practical method for enantioselective synthesis of 10B-enriched p-borono-l-phenylalanine. <i>Tetrahedron Letters</i> , 2008, 49, 4977-4980.	1.4	14
20	Biological Evaluation of Fluorinated p-Boronophenylalanine Derivatives as a Boron Carrier. <i>Protein and Peptide Letters</i> , 2007, 14, 269-272.	0.9	6
21	Synthesis and evaluation as MRI probe of the trifluoromethylated p-boronophenylalanine and its alcohol derivative. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2198-2205.	3.0	14
22	Study on the compounds containing ¹⁹ F and ¹⁰ B atoms in a single molecule for the application to MRI and BNCT. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3258-3262.	3.0	15
23	Study on the Structure Activity Relationships of NPTX-594, a Spider Toxin Belonging to the Type-B Acylpolyamine Structure. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 331-340.	3.2	6