

Mamoru Haratake

List of Publications by Year in descending order

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85
papers

1,572
citations

279798

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345221

36
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all docs

85
docs citations

85
times ranked

1570
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Preparation of Enzymatically Highly Active Pegylated-D-Amino Acid Oxidase and Its Application to Antitumor Therapy. <i>Current Drug Delivery</i> , 2021, 18, 1121-1129. | 1.6 | 3 |
| 2 | Peptidyl-prolyl cis- \leftrightarrow trans isomerase A participates in the selenium transport into the rat brain. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 933-945. | 2.6 | 1 |
| 3 | Acid-responsive HPMA copolymer-bradykinin conjugate enhances tumor-targeted delivery of nanomedicine. <i>Journal of Controlled Release</i> , 2021, 337, 546-556. | 9.9 | 11 |
| 4 | Discovery of inner centromere protein α -derived small peptides for cancer imaging and treatment targeting survivin. <i>Cancer Science</i> , 2020, 111, 1357-1366. | 3.9 | 9 |
| 5 | Highly effective anti-tumor nanomedicines based on HPMA copolymer conjugates with pirarubicin prepared by controlled RAFT polymerization. <i>Acta Biomaterialia</i> , 2020, 106, 256-266. | 8.3 | 20 |
| 6 | Superior Penetration and Cytotoxicity of HPMA Copolymer Conjugates of Pirarubicin in Tumor Cell Spheroid. <i>Molecular Pharmaceutics</i> , 2019, 16, 3452-3459. | 4.6 | 17 |
| 7 | Development of Radioiodinated Benzofuran Derivatives for <i>in Vivo</i> Imaging of Prion Deposits in the Brain. <i>ACS Infectious Diseases</i> , 2019, 5, 2003-2013. | 3.8 | 5 |
| 8 | Synthesis and characterization of radioiodinated 3-phenethyl-2-indolinone derivatives for SPECT imaging of survivin in tumors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3111-3116. | 3.0 | 5 |
| 9 | Preparation and <i>in Vitro</i> Analysis of Human Serum Albumin Nanoparticles Loaded with Anthracycline Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 382-390. | 1.3 | 34 |
| 10 | Cardiac myoglobin participates in the metabolic pathway of selenium in rats. <i>Metallomics</i> , 2018, 10, 614-622. | 2.4 | 8 |
| 11 | Selenoprotein L-inspired nano-vesicular peroxidase mimics based on amphiphilic diselenides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 172-178. | 5.0 | 4 |
| 12 | In vitro assessment of bioavailability of selenium from a processed Japanese anchovy, Niboshi. <i>Food Chemistry</i> , 2018, 269, 436-441. | 8.2 | 2 |
| 13 | Development of radioiodinated acridine derivatives for in vivo imaging of prion deposits in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1085-1093. | 3.0 | 8 |
| 14 | Development of a $^{68}\text{Ge}/^{68}\text{Ga}$ Generator System Using Polysaccharide Polymers and Its Application in PET Imaging of Tropical Infectious Diseases. <i>ACS Omega</i> , 2017, 2, 1400-1407. | 3.5 | 6 |
| 15 | Amyloid formation characteristics of GNNQQNY from yeast prion protein Sup35 and its seeding with heterogeneous polypeptides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 72-79. | 5.0 | 9 |
| 16 | Characterization of Selenium Species in the Shijimi Clam. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1045-1050. | 1.3 | 2 |
| 17 | Characterisation of radioiodinated flavonoid derivatives for SPECT imaging of cerebral prion deposits. <i>Scientific Reports</i> , 2016, 5, 18440. | 3.3 | 21 |
| 18 | A Comprehensive Analysis of Selenium-Binding Proteins in the Brain Using Its Reactive Metabolite. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 52-58. | 1.3 | 7 |

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|----|---|-----|-----------|
| 19 | Synthesis of Nanovesicular Glutathione Peroxidase Mimics with a Selenenylsulfide-Bearing Lipid. ACS Omega, 2016, 1, 58-65. | 3.5 | 6 |
| 20 | Pronounced Cellular Uptake of Pirarubicin versus That of Other Anthracyclines: Comparison of HPMA Copolymer Conjugates of Pirarubicin and Doxorubicin. Molecular Pharmaceutics, 2016, 13, 4106-4115. | 4.6 | 34 |
| 21 | Synthesis and evaluation of a radioiodinated 4,6-diaryl-3-cyano-2-pyridinone derivative as a survivin targeting SPECT probe for tumor imaging. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 999-1004. | 2.2 | 7 |
| 22 | An effective method for profiling the selenium-binding proteins using its reactive metabolic intermediate. Journal of Biological Inorganic Chemistry, 2015, 20, 781-789. | 2.6 | 4 |
| 23 | Development of alkoxy styrylchromone derivatives for imaging of cerebral amyloid- β plaques with SPECT. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3363-3367. | 2.2 | 12 |
| 24 | CHAPTER 5. Chemistry and Biochemistry: Selenium Species in Fish. Food and Nutritional Components in Focus, 2015, , 81-99. | 0.1 | 0 |
| 25 | Synthesis and evaluation of ethyleneoxylated and allyloxylated chalcone derivatives for imaging of amyloid β plaques by SPECT. Bioorganic and Medicinal Chemistry, 2014, 22, 2622-2628. | 3.0 | 26 |
| 26 | Elevated amyloid- β plaque deposition in dietary selenium-deficient Tg2576 transgenic mice. Metallomics, 2013, 5, 479. | 2.4 | 26 |
| 27 | Improved membrane fluidity of ionic polysaccharide bead-supported phospholipid bilayer membrane systems. Colloids and Surfaces B: Biointerfaces, 2013, 107, 90-96. | 5.0 | 2 |
| 28 | Synthesis and biological evaluation of radioiodinated quinacrine-based derivatives for SPECT imaging of A β plaques. European Journal of Medicinal Chemistry, 2013, 60, 469-478. | 5.5 | 13 |
| 29 | Selenotrisulfide as a Metabolic Intermediate in Biological Systems. ACS Symposium Series, 2013, , 201-211. | 0.5 | 1 |
| 30 | A Strontium-90 Sequesterant for First-Aid Treatment of Radiation Emergency. Chemical and Pharmaceutical Bulletin, 2012, 60, 1258-1263. | 1.3 | 5 |
| 31 | Characterization of Selenium Species in Extract from Niboshi (a Processed Japanese Anchovy). Chemical and Pharmaceutical Bulletin, 2012, 60, 348-353. | 1.3 | 6 |
| 32 | Fluorescence microscopic characterization of ionic polymer bead-supported phospholipid bilayer membrane systems. Colloids and Surfaces B: Biointerfaces, 2012, 100, 190-196. | 5.0 | 3 |
| 33 | Synthesis and evaluation of 2-chloro N-[(S)-{(S)-1-[¹¹ C]methylpiperidin-2-yl}(phenyl)methyl]3-trifluoromethyl-benzamide ([¹¹ C]N-methyl-SSR504734) as a PET radioligand for glycine transporter 1. EJNMMI Research, 2012, 2, 37. | 2.5 | 4 |
| 34 | A thiol-mediated active membrane transport of selenium by erythroid anion exchanger 1 protein. Dalton Transactions, 2012, 41, 7340. | 3.3 | 13 |
| 35 | A novel bifunctional chelating agent based on bis(hydroxamamide) for ^{99m} Tc labeling of polypeptides. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55, 71-79. | 1.0 | 3 |
| 36 | Absorption and retention characteristics of selenium in dorsal root ganglion neurons. Metallomics, 2011, 3, 1019. | 2.4 | 4 |

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|----|---|-----|-----------|
| 37 | Thiol-targeted introduction of selenocysteine to polypeptides for synthesis of glutathione peroxidase mimics. <i>Metallomics</i> , 2011, 3, 702. | 2.4 | 6 |
| 38 | Selenium in Seafood Materials. <i>Journal of Health Science</i> , 2011, 57, 215-224. | 0.9 | 20 |
| 39 | Synthesis and characterization of [125I]2-iodo N-[(S)-{(S)-1-methylpiperidin-2-yl}(phenyl)methyl]3-trifluoromethyl-benzamide as novel imaging probe for glycine transporter 1. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6245-6253. | 3.0 | 6 |
| 40 | A dual fluorinated and iodinated radiotracer for PET and SPECT imaging of β^2 -amyloid plaques in the brain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6519-6522. | 2.2 | 35 |
| 41 | Diphenylpropynone derivatives as probes for imaging β^2 -amyloid plaques in Alzheimer's brains. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 117-120. | 2.2 | 16 |
| 42 | Synthesis and biological evaluation of radio-iodinated benzimidazoles as SPECT imaging agents for NR2B subtype of NMDA receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7497-7506. | 3.0 | 14 |
| 43 | One-step direct reconstitution of biomembranes onto cationic organic polymer bead supports. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 96-101. | 9.4 | 3 |
| 44 | Synthesis and characterization of novel phenylindoles as potential probes for imaging of β^2 -amyloid plaques in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4740-4746. | 3.0 | 23 |
| 45 | $^{99m}\text{Tc}/\text{Re}$ complexes based on flavone and aurone as SPECT probes for imaging cerebral β^2 -amyloid plaques. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5743-5748. | 2.2 | 45 |
| 46 | An Ionic Polymer Bead-supported Lipid System Using Naturally Occurring Phospholipids. <i>Journal of Bioactive and Compatible Polymers</i> , 2010, 25, 455-464. | 2.1 | 3 |
| 47 | Novel Benzofurans with ^{99m}Tc Complexes as Probes for Imaging Cerebral β^2 -Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 443-447. | 2.8 | 25 |
| 48 | Synthesis and Evaluation of Novel Chalcone Derivatives with $^{99m}\text{Tc}/\text{Re}$ Complexes as Potential Probes for Detection of β^2 -Amyloid Plaques. <i>ACS Chemical Neuroscience</i> , 2010, 1, 598-607. | 3.5 | 71 |
| 49 | ^{18}F -labeled flavones for in vivo imaging of β^2 -amyloid plaques in Alzheimer's brains. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2069-2076. | 3.0 | 35 |
| 50 | Synthesis and biological evaluation of radioiodinated 2,5-diphenyl-1,3,4-oxadiazoles for detecting β^2 -amyloid plaques in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6402-6406. | 3.0 | 20 |
| 51 | Thiol-Dependent Membrane Transport of Selenium through an Integral Protein of the Red Blood Cell Membrane. <i>Inorganic Chemistry</i> , 2009, 48, 7805-7811. | 4.0 | 13 |
| 52 | Fluoro-pegylated Chalcones as Positron Emission Tomography Probes for in Vivo Imaging of β^2 -Amyloid Plaques in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6394-6401. | 6.4 | 62 |
| 53 | Novel Radioiodinated Aurones as Probes for SPECT Imaging of β^2 -Amyloid Plaques in the Brain. <i>Bioconjugate Chemistry</i> , 2009, 20, 95-101. | 3.6 | 63 |
| 54 | Hemoglobin-mediated selenium export from red blood cells. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 471-479. | 2.6 | 21 |

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|----|---|-----|-----------|
| 55 | Development of novel I^{125} -amyloid probes based on 3,5-diphenyl-1,2,4-oxadiazole. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6867-6872. | 3.0 | 53 |
| 56 | Nanoparticulate Glutathione Peroxidase Mimics Based on Selenocysteine α -Pullulan Conjugates. <i>Bioconjugate Chemistry</i> , 2008, 19, 1831-1839. | 3.6 | 21 |
| 57 | Albumin-Mediated Selenium Transfer by a Selenotrisulfide Relay Mechanism. <i>Inorganic Chemistry</i> , 2008, 47, 6273-6280. | 4.0 | 24 |
| 58 | An Assessment of Niboshi (a Processed Japanese Anchovy) as an Effective Food Source of Selenium. <i>Journal of Health Science</i> , 2007, 53, 457-463. | 0.9 | 17 |
| 59 | Aurones serve as probes of I^{125} -amyloid plaques in Alzheimer TM s disease. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 116-121. | 2.1 | 70 |
| 60 | Synthesis and characterization of styrylchromone derivatives as I^{125} -amyloid imaging agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 444-450. | 3.0 | 30 |
| 61 | Structure α -activity relationship of chalcones and related derivatives as ligands for detecting of I^{125} -amyloid plaques in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6388-6396. | 3.0 | 48 |
| 62 | Novel chalcones as probes for in vivo imaging of I^{125} -amyloid plaques in Alzheimer TM s brains. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6802-6809. | 3.0 | 78 |
| 63 | Preparation of an ion-exchangeable polymer bead wrapped with bilayer membrane structures for high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 589, 76-83. | 5.4 | 13 |
| 64 | Novel Benzofuran Derivatives for PET Imaging of I^{125} -Amyloid Plaques in Alzheimer's Disease Brains. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2725-2730. | 6.4 | 100 |
| 65 | Synthesis of hydrophilic macroporous chelating polymers and their versatility in the preconcentration of metals in seawater samples. <i>Analytica Chimica Acta</i> , 2006, 561, 183-190. | 5.4 | 20 |
| 66 | Direct Fusion between Poly(ethylene oxide)-lipid Modified Liposomes and Murine Mitotic B16 Melanoma Cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2006, 21, 503-517. | 2.1 | 3 |
| 67 | Synthesis of vanadium(IV,V) hydroxamic acid complexes and in vivo assessment of their insulin-like activity. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 250-258. | 2.6 | 35 |
| 68 | Selenium binding to human hemoglobin via selenotrisulfide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1723, 215-220. | 2.4 | 28 |
| 69 | Synthesis and biological evaluation of (E)-3-styrylpyridine derivatives as amyloid imaging agents for Alzheimer's disease. <i>Nuclear Medicine and Biology</i> , 2005, 32, 329-335. | 0.6 | 27 |
| 70 | Radioiodinated Flavones for in Vivo Imaging of I^{125} -Amyloid Plaques in the Brain. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7253-7260. | 6.4 | 81 |
| 71 | Crystal Structures of Creatininase Reveal the Substrate Binding Site and Provide an Insight into the Catalytic Mechanism. <i>Journal of Molecular Biology</i> , 2004, 337, 399-416. | 4.2 | 23 |
| 72 | Penicillamine Selenotrisulfide as a Selenium-Source in Mice. <i>Journal of Health Science</i> , 2004, 50, 366-371. | 0.9 | 12 |

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|----|---|-----|-----------|
| 73 | Interaction of oligopeptides with heparin. <i>Macromolecular Symposia</i> , 2001, 175, 117-126. | 0.7 | 2 |
| 74 | Oligopeptides as an Oral Delivery System II. Effect of Amino Acid Sequences on Aggregation Behavior. <i>Journal of Bioactive and Compatible Polymers</i> , 1997, 12, 282-293. | 2.1 | 1 |
| 75 | Oligopeptides as an Oral Delivery System: I. Aggregation Characteristics and Drug Encapsulation. <i>Journal of Bioactive and Compatible Polymers</i> , 1997, 12, 112-126. | 2.1 | 1 |
| 76 | Stereoselective intramolecular radical addition of polyhaloacetyl functions to 2-oxazolones. A facile synthesis of statine and its 2,2,-dichloro and 2,2-difluoro analogs. <i>Journal of Organic Chemistry</i> , 1993, 58, 1997-1998. | 3.2 | 30 |
| 77 | Atropisomerism in 4-(2-Thienyl)-4H-1,2,4-triazole Derivatives.. <i>Chemical and Pharmaceutical Bulletin</i> , 1992, 40, 220-223. | 1.3 | 10 |
| 78 | Adsorption Characteristics of Alkylbenzene Sulfonates on Modified Styrene-divinylbenzene Copolymers and their Application.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1991, 1991, 1188-1192. | 0.1 | 0 |
| 79 | Characterization of Three Polymorphs of Tetrakis(3-(3,5-di-t-butyl-4-hydroxyphenyl)propionyloxymethyl)methane.. <i>Analytical Sciences</i> , 1991, 7, 665-668. | 1.6 | 1 |
| 80 | CHEMICALLY MODIFIED STYRENE-DIVINYLBENZENE COPOLYMERS AND THEIR APPLICATION TO PRE-CONCENTRATION OF SURFACTANTS. <i>Analytical Sciences</i> , 1991, 7, 79-82. | 1.6 | 0 |
| 81 | Adsorption of Nonionic Surfactants on Chemically Modified Styrene-Divinylbenzene Copolymers. <i>Separation Science and Technology</i> , 1991, 26, 1395-1402. | 2.5 | 3 |
| 82 | Sorption Characteristics of Anion-Exchange Resins Possessing β -Oxoalkyl or β -Hydroxyalkyl Spacer for Bile Acids. <i>Analytical Sciences</i> , 1989, 5, 687-690. | 1.6 | 6 |
| 83 | Sorption characteristics of anion-exchange resins possessing a spacer arm for bile acids.. <i>Chemical and Pharmaceutical Bulletin</i> , 1989, 37, 1936-1938. | 1.3 | 4 |
| 84 | Preparation of macroreticular anion-exchange resins having spacers and an evaluation of these resins in the synthesis of sulfones. <i>Reactive Polymers, Ion Exchangers, Sorbents</i> , 1988, 8, 3-6. | 0.0 | 4 |
| 85 | Sorption of phenols on anion-exchange resins having β -oxoalkyl or β -hydroxyalkyl spacer.. <i>Analytical Sciences</i> , 1988, 4, 591-594. | 1.6 | 5 |