

Helge Thisgaard

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

469
citations

623734

14
h-index

677142

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30
all docs

30
docs citations

30
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-curie production of gallium-68 on a biomedical cyclotron and automated radiolabelling of PSMA-11 and DOTATATE. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 1.	3.9	41
2	Production of the Auger emitter ¹¹⁹ Sb for targeted radionuclide therapy using a small PET-cyclotron. <i>Applied Radiation and Isotopes</i> , 2009, 67, 34-38.	1.5	35
3	Radiosynthesis of ⁵⁵ Co and ^{58m} Co labeled DOTATOC for positron emission tomography imaging and targeted radionuclide therapy. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 758-762.	1.0	33
4	The use of radiocobalt as a label improves imaging of EGFR using DOTA-conjugated Affibody molecule. <i>Scientific Reports</i> , 2017, 7, 5961.	3.3	29
5	â€”A potent Auger emitter for targeted radionuclide therapy. <i>Medical Physics</i> , 2008, 35, 3839-3846.	3.0	28
6	High Contrast PET Imaging of GRPR Expression in Prostate Cancer Using Cobalt-Labeled Bombesin Antagonist RM26. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.8	27
7	Medium to large scale radioisotope production for targeted radiotherapy using a small PET cyclotron. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1-7.	1.5	25
8	Evaluation of Cobalt-Labeled Octreotide Analogs for Molecular Imaging and Auger Electronâ€”Based Radionuclide Therapy. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1311-1316.	5.0	25
9	Improving Contrast and Detectability: Imaging with [⁵⁵ Co]Co-DOTATATE in Comparison with [⁶⁴ Cu]Cu-DOTATATE and [⁶⁸ Ga]Ga-DOTATATE. <i>Journal of Nuclear Medicine</i> , 2020, 61, 228-233.	5.0	23
10	Design, Synthesis, Computational, and Preclinical Evaluation of natTi/ ⁴⁵ Ti-Labeled Urea-Based Glutamate PSMA Ligand. <i>Molecules</i> , 2020, 25, 1104.	3.8	22
11	In Vivo Evaluation of a Bombesin Analogue Labeled with Ga-68 and Co-55/57. <i>Molecular Imaging and Biology</i> , 2016, 18, 368-376.	2.6	21
12	Evaluation of somatostatin and nucleolin receptors for therapeutic delivery in non-small cell lung cancer stem cells applying the somatostatin-analog DOTATATE and the nucleolin-targeting aptamer AS1411. <i>PLoS ONE</i> , 2017, 12, e0178286.	2.5	20
13	Production and dosimetric aspects of the potent Auger emitter ^{58m} Co for targeted radionuclide therapy of small tumors. <i>Medical Physics</i> , 2011, 38, 4535-4541.	3.0	19
14	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. <i>Theranostics</i> , 2016, 6, 2278-2291.	10.0	19
15	Multiphonon Vibrations at High Angular Momentum in Os182. <i>Physical Review Letters</i> , 2003, 91, 182501.	7.8	14
16	A PSMA Ligand Labeled with Cobalt-55 for PET Imaging of Prostate Cancer. <i>Molecular Imaging and Biology</i> , 2017, 19, 915-922.	2.6	14
17	Selection of an optimal macrocyclic chelator improves the imaging of prostate cancer using cobalt-labeled GRPR antagonist RM26. <i>Scientific Reports</i> , 2019, 9, 17086.	3.3	14
18	A new and simple calibration-independent method for measuring the beam energy of a cyclotron. <i>Applied Radiation and Isotopes</i> , 2011, 69, 247-253.	1.5	13

#	ARTICLE	IF	CITATIONS
19	High-spin states, lifetime measurements and isomers in 181Os. Nuclear Physics A, 2003, 728, 287-338.	1.5	11
20	Estimation of Tumor Volumes by 11C-MeAIB and 18F-FDG PET in an Orthotopic Glioblastoma Rat Model. Journal of Nuclear Medicine, 2015, 56, 1562-1568.	5.0	9
21	Seeing the Unseen – Bioturbation in 4D: Tracing Bioirrigation in Marine Sediment Using Positron Emission Tomography and Computed Tomography. PLoS ONE, 2015, 10, e0122201.	2.5	8
22	Chelation, formulation, encapsulation, retention, and in vivo biodistribution of hydrophobic nanoparticles labelled with 57Co-porphyrin: Oleylamine ensures stable chelation of cobalt in nanoparticles that accumulate in tumors. Journal of Controlled Release, 2018, 291, 11-25.	9.9	6
23	Preclinical Evaluation of the Copper-64 Labeled GRPR-Antagonist RM26 in Comparison with the Cobalt-55 Labeled Counterpart for PET-Imaging of Prostate Cancer. Molecules, 2020, 25, 5993.	3.8	6
24	Novel radioisotope-based nanomedical approaches. European Journal of Nanomedicine, 2013, 5, .	0.6	5
25	Auger electron therapy of glioblastoma using [125I]5-iodo-2-deoxyuridine and concomitant chemotherapy – Evaluation of a potential treatment strategy. Nuclear Medicine and Biology, 2021, 96-97, 35-40.	0.6	2
26	ET-22 * CONVECTION-ENHANCED DELIVERY OF THE AUGER-ELECTRON-EMITTER 125I-UdR: A HIGHLY EFFICIENT THERAPY IN AN ORTHOTOPIC GLIOBLASTOMA XENOGRAFT MODEL. Neuro-Oncology, 2014, 16, v84-v84.	1.2	0
27	Status and future perspectives of Meitner-Auger and low energy electron-emitting radionuclides for targeted radionuclide therapy. Nuclear Medicine and Biology, 2021, 94-95, 106.	0.6	0
28	Facile transmetallation of [Sb ^{III} (DOTA)] ⁺ renders it unsuitable for medical applications. RSC Advances, 2022, 12, 5772-5781.	3.6	0