

Mikael Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,422
citations

304602

22
h-index

197736

49
g-index

60
all docs

60
docs citations

60
times ranked

2792
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitation of blood-brain barrier defect by magnetic resonance imaging and gadolinium-DTPA in patients with multiple sclerosis and brain tumors. <i>Magnetic Resonance in Medicine</i> , 1990, 16, 117-131.	1.9	399
2	Quantification of liver fat using magnetic resonance spectroscopy. <i>Magnetic Resonance Imaging</i> , 1994, 12, 487-495.	1.0	311
3	Synthesis of [11C]iodomethane by iodination of [11C]methane. <i>Applied Radiation and Isotopes</i> , 1997, 48, 153-157.	0.7	226
4	Green tea or rosemary extract added to foods reduces nonheme-iron absorption. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 607-612.	2.2	156
5	Localized in vivo proton spectroscopy in the brain of patients with multiple sclerosis. <i>Magnetic Resonance in Medicine</i> , 1991, 22, 23-31.	1.9	117
6	Use of fluorine-18 fluorodeoxyglucose positron emission tomography in the detection of silent metastases from malignant melanoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 70-75.	2.2	113
7	Experience in qualitative and quantitative FDG PET in follow-up of patients with suspected recurrence from head and neck cancer. <i>European Journal of Cancer</i> , 2000, 36, 858-867.	1.3	104
8	Nonheme-iron absorption from a phytate-rich meal is increased by the addition of small amounts of pork meat. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 173-179.	2.2	91
9	Casein Phosphopeptides Improve Zinc and Calcium Absorption from Rice-Based but not from Whole-Grain Infant Cereal. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1997, 24, 56-62.	0.9	88
10	Localized in vivo proton spectroscopy of the bone marrow in patients with leukemia. <i>Magnetic Resonance Imaging</i> , 1990, 8, 779-789.	1.0	67
11	Dynamics of Mononuclear Cadmium β -Lactamase Revealed by the Combination of NMR and PAC Spectroscopy. <i>Journal of the American Chemical Society</i> , 2001, 123, 10329-10335.	6.6	56
12	Towards Translational ImmunoPET/MR Imaging of Invasive Pulmonary Aspergillosis: The Humanised Monoclonal Antibody JF5 Detects <i>Aspergillus</i> Lung Infections <i>In Vivo</i> . <i>Theranostics</i> , 2017, 7, 3398-3414.	4.6	52
13	The Inhibitor Thiomandelic Acid Binds to Both Metal Ions in Metallo- β -lactamase and Induces Positive Cooperativity in Metal Binding. <i>Journal of Biological Chemistry</i> , 2003, 278, 29240-29251.	1.6	43
14	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.	1.8	41
15	Calcium from milk or calcium-fortified foods does not inhibit nonheme-iron absorption from a whole diet consumed over a 4-d period. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 404-409.	2.2	40
16	MR pulse sequences for selective relaxation time measurements: A phantom study. <i>Magnetic Resonance Imaging</i> , 1990, 8, 43-50.	1.0	38
17	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.	0.7	35
18	Folic acid enrichment of bread does not appear to affect zinc absorption in young women. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 125-129.	2.2	28

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19	â€”A potent Auger emitter for targeted radionuclide therapy. <i>Medical Physics</i> , 2008, 35, 3839-3846.	1.6	28
20	Use of ^{99m} Tc from a commercial ⁹⁹ Mo/ ^{99m} Tc generator as yield tracer for the determination of ⁹⁹ Tc at low levels. <i>Applied Radiation and Isotopes</i> , 2007, 65, 610-618.	0.7	26
21	Medium to large scale radioisotope production for targeted radiotherapy using a small PET cyclotron. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1-7.	0.7	25
22	A novel dual radio- and stable-isotope method for measuring calcium absorption in humans: comparison with the whole-body radioisotope retention method. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 399-405.	2.2	23
23	PET/CT Based In Vivo Evaluation of ⁶⁴ Cu Labelled Nanodiscs in Tumor Bearing Mice. <i>PLoS ONE</i> , 2015, 10, e0129310.	1.1	22
24	Increasing the Cooking Temperature of Meat Does Not Affect Nonheme Iron Absorption from a Phytate-Rich Meal in Women. <i>Journal of Nutrition</i> , 2003, 133, 94-97.	1.3	20
25	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.	1.6	19
26	Synthesis and pharmacological characterization of the selective GluK1 radioligand (S)-2-amino-3-(6-[³ H]-2,4-dioxo-3,4-dihydrothieno[3,2-d]pyrimidin-1(2H)-yl)propanoic acid ([³ H]-NF608). <i>MedChemComm</i> , 2016, 7, 2136-2144.	3.5	19
27	The COOLER Code: A Novel Analytical Approach to Calculate Subcellular Energy Deposition by Internal Electron Emitters. <i>Radiation Research</i> , 2017, 188, 204-220.	0.7	19
28	Estimation of the noise contributions from blank, transmission and emission scans in PET. <i>IEEE Transactions on Nuclear Science</i> , 1996, 43, 2285-2291.	1.2	18
29	Viable, lyophilized lactobacilli do not increase iron absorption from a lactic acid-fermented meal in healthy young women, and no iron absorption occurs in the distal intestine. <i>British Journal of Nutrition</i> , 2007, 98, 991-997.	1.2	18
30	Toxicokinetics of Nickel in Mice Studied with the ⁶³ Ni-Emitting Isotope ⁵⁷ Ni. <i>Fundamental and Applied Toxicology</i> , 1993, 21, 236-243.	1.9	17
31	Highly Stable Silver(I) Complexes with Cyclen-Based Ligands Bearing Sulfide Arms: A Step Toward Silver-111 Labeled Radiopharmaceuticals. <i>Inorganic Chemistry</i> , 2020, 59, 10907-10919.	1.9	17
32	Cell colony counter called CoCoNut. <i>PLoS ONE</i> , 2018, 13, e0205823.	1.1	14
33	The importance of dietary composition for efficacy of iron absorption measured in a whole diet that includes rye bread fortified with ferrous fumarate: a radioisotope study in young women. <i>British Journal of Nutrition</i> , 2005, 94, 720-726.	1.2	13
34	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.	0.7	13
35	Effects of recombinant human erythropoietin on the haemopoietic bone marrow monitored by magnetic resonance spectroscopy in patients with end-stage renal disease. <i>Magnetic Resonance Imaging</i> , 1990, 8, 237-243.	1.0	12
36	Separation of Radiogallium from Zinc Using Membrane-Based Liquid-Liquid Extraction in Flow: Experimental and COSMO-RS Studies. <i>Solvent Extraction and Ion Exchange</i> , 2019, 37, 376-391.	0.8	12

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37	[¹⁸ F]Fluoride recovery via gaseous [¹⁸ F]HF. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 816-818.	0.5	10
38	Flexibility of the CueR Metal Site Probed by Instantaneous Change of Element and Oxidation State from Ag ^I to Cd ^{II} . Chemistry - A European Journal, 2020, 26, 7451-7457.	1.7	10
39	A solid support generator of the Auger electron emitter rhodium-103m from [103Pd]palladium. Applied Radiation and Isotopes, 2020, 156, 108985.	0.7	9
40	Using 10CO2 for Single Subject Characterization of the Stimulus Frequency Dependence in Visual Cortex: A Novel Positron Emission Tomography Tracer for Human Brain Mapping. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1003-1012.	2.4	8
41	Determination of the excitation function for the 10B(p,n)10C reaction with implications for the production of [10C]carbon dioxide for use as a PET tracer. Applied Radiation and Isotopes, 2000, 52, 899-903.	0.7	6
42	Fluorodeoxyglucose uptake in dysfunctional myocardium subtended by an occluded coronary artery. Relation to dobutamine contractile reserve and Sestamibi uptake. International Journal of Cardiovascular Imaging, 1998, 14, 97-104.	0.2	5
43	Regional myocardial oxygen consumption estimated by carbon-11 acetate and positron emission tomography before and after repetitive ischemia. Journal of Nuclear Cardiology, 2000, 7, 228-234.	1.4	4
44	Addressing the third gamma problem in PET. IEEE Transactions on Nuclear Science, 2003, 50, 50-52.	1.2	4
45	An active learning approach to the physics of medical imaging. Medical Engineering and Physics, 2008, 30, 607-614.	0.8	4
46	Light-Induced Copper(II) Coordination by a Bicyclic Tetraaza Chelator through a Ligand-to-Metal Charge-Transfer Reaction. Inorganic Chemistry, 2011, 50, 12705-12713.	1.9	4
47	Radiobiological effects of tritiated water short-term exposure on V79 clonogenic cell survival. International Journal of Radiation Biology, 2018, 94, 157-165.	1.0	4
48	Tying Up a Loose End: On the Role of the C-terminal CCHHRAG Fragment of the Metalloregulator CueR. ChemBioChem, 2022, 23, .	1.3	3
49	Reduced rate of uptake of zinc ions in a calf affected with the lethal syndrome A46 relative to clinically normal calves using whole body radio-isotope scanning of 62Zn. Apmis, 1992, 100, 347-352.	0.9	2
50	Doppler broadening as a probe of the chemical environment following oxygen-14 decay. Radiochimica Acta, 2000, 88, 189-192.	0.5	2
51	Improved methods to determine radionuclidic purity of F-18 compounds. Applied Radiation and Isotopes, 2012, 70, 430-437.	0.7	2
52	Cs-131 as an experimental tool for the investigation and quantification of the radiotoxicity of intracellular Auger decays in vitro. International Journal of Radiation Biology, 2020, , 1-14.	1.0	2
53	Carbon-10: Example of cyclotron production of positron emitters as an open research field. Radiation Physics and Chemistry, 2007, 76, 343-346.	1.4	1
54	Management of Tritium in European Spallation Source. Fusion Science and Technology, 2015, 67, 324-327.	0.6	1

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55	Fast, efficient, one-step purification of cyclotron produced lanthanum-135 using HDEHP-based resin and dilute hydrochloric acid. Nuclear Medicine and Biology, 2021, 96-97, S18-S19.	0.3	1
56	Migration of radionuclides in a gas cooled solid state spallation target. Nuclear Engineering and Design, 2015, 282, 28-35.	0.8	0
57	Experimental implementation and proof of principle for a radionuclidic purity test solely based on half-life measurement. Applied Radiation and Isotopes, 2016, 108, 108-115.	0.7	0
58	FDG at 7.8â€¦MeV. AIP Conference Proceedings, 2017, , .	0.3	0
59	Pressed chromium/sodium fluoride target for cyclotron production of manganese-52. Nuclear Medicine and Biology, 2021, 96-97, S102-S103.	0.3	0
60	309 DIFFERENCES IN PRONUCLEUS FORMATION RATES BETWEEN BULLS IN RESPONSE TO GAMMA IRRADIATION OF FROZEN - THAWED SEMEN. Reproduction, Fertility and Development, 2007, 19, 270.	0.1	0