

Anders E Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,384
citations

331259

21
h-index

344852

36
g-index

52
all docs

52
docs citations

52
times ranked

2409
citing authors

#	ARTICLE	IF	CITATIONS
1	Positron Emission Tomography Based Elucidation of the Enhanced Permeability and Retention Effect in Dogs with Cancer Using Copper-64 Liposomes. <i>ACS Nano</i> , 2015, 9, 6985-6995.	7.3	220
2	Liposome imaging agents in personalized medicine. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1417-1435.	6.6	146
3	Synthesis and Evaluation of Hydrogen Peroxide Sensitive Prodrugs of Methotrexate and Aminopterin for the Treatment of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3503-3515.	2.9	51
4	Tumor repolarization by an advanced liposomal drug delivery system provides a potent new approach for chemo-immunotherapy. <i>Science Advances</i> , 2020, 6, .	4.7	49
5	FDG PET/CT IMAGING IN CANINE CANCER PATIENTS. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 201-206.	0.4	48
6	Mouse Positron Emission Tomography Study of the Biodistribution of Gold Nanoparticles with Different Surface Coatings Using Embedded Copper-64. <i>ACS Nano</i> , 2016, 10, 9887-9898.	7.3	48
7	Theranostic Imaging May Vaccinate against the Therapeutic Benefit of Long Circulating PEGylated Liposomes and Change Cargo Pharmacokinetics. <i>ACS Nano</i> , 2018, 12, 11386-11398.	7.3	45
8	Establishment and Initial Experience of Clinical FLASH Radiotherapy in Canine Cancer Patients. <i>Frontiers in Oncology</i> , 2021, 11, 658004.	1.3	45
9	Evaluation of a Commercially Available Human Serum Amyloid A (SAA) Turbidimetric Immunoassay for Determination of Feline SAA Concentration. <i>Veterinary Research Communications</i> , 2006, 30, 863-872.	0.6	43
10	Remote-loading of liposomes with manganese-52 and in vivo evaluation of the stabilities of ⁵² Mn-DOTA and ⁶⁴ Cu-DOTA using radiolabelled liposomes and PET imaging. <i>Journal of Controlled Release</i> , 2018, 269, 100-109.	4.8	43
11	Revisiting the use of sPLA 2 -sensitive liposomes in cancer therapy. <i>Journal of Controlled Release</i> , 2017, 261, 163-173.	4.8	38
12	Multimodality functional imaging of spontaneous canine tumors using ⁶⁴ Cu-ATSM and ¹⁸ F-FDG PET/CT and dynamic contrast enhanced perfusion CT. <i>Radiotherapy and Oncology</i> , 2012, 102, 424-428.	0.3	36
13	⁶⁴ Cu-ATSM and ¹⁸ F-FDG PET uptake and ⁶⁴ Cu-ATSM autoradiography in spontaneous canine tumors: comparison with pimonidazole hypoxia immunohistochemistry. <i>Radiation Oncology</i> , 2012, 7, 89.	1.2	36
14	Remote Loading of ⁶⁴ Cu ²⁺ into Liposomes without the Use of Ion Transport Enhancers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22796-22806.	4.0	35
15	The impact of weakly bound ⁸⁹ Zr on preclinical studies: Non-specific accumulation in solid tumors and aspergillus infection. <i>Nuclear Medicine and Biology</i> , 2015, 42, 360-368.	0.3	32
16	Secretory phospholipase A 2 responsive liposomes exhibit a potent anti-neoplastic effect in vitro , but induce unforeseen severe toxicity in vivo. <i>Journal of Controlled Release</i> , 2017, 262, 212-221.	4.8	31
17	Injectable Colloidal Gold for Use in Intrafractional 2D Image-Guided Radiation Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 856-863.	3.9	29
18	Diffusion weighted magnetic resonance imaging (DW-MRI) as a non-invasive, tissue cellularity marker to monitor cancer treatment response. <i>BMC Cancer</i> , 2020, 20, 134.	1.1	27

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19	Injectable Colloidal Gold in a Sucrose Acetate Isobutyrate Gelating Matrix with Potential Use in Radiation Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1680-1687.	3.9	25
20	Simultaneous hyperpolarized (13)C-pyruvate MRI and (18)F-FDG-PET in cancer (hyperPET): feasibility of a new imaging concept using a clinical PET/MRI scanner. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 38-45.	1.0	25
21	Remote loading of liposomes with a ¹²⁴ I-radioiodinated compound and their <i>in vivo</i> evaluation by PET/CT in a murine tumor model. <i>Theranostics</i> , 2018, 8, 5828-5841.	4.6	24
22	Accelerated blood clearance and hypersensitivity by PEGylated liposomes containing TLR agonists. <i>Journal of Controlled Release</i> , 2022, 342, 337-344.	4.8	24
23	Methotrexate prodrugs sensitive to reactive oxygen species for the improved treatment of rheumatoid arthritis. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 738-746.	2.6	22
24	Dose painting based on tumor uptake of Cu-ATSM and FDG: a comparative study. <i>Radiation Oncology</i> , 2014, 9, 228.	1.2	18
25	Hypoxia-inducible factors "regulation, role and comparative aspects in tumorigenesis. <i>Veterinary and Comparative Oncology</i> , 2011, 9, 16-37.	0.8	17
26	Kinetic modeling in PET imaging of hypoxia. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 4, 490-506.	1.0	17
27	Dose escalation to high-risk sub-volumes based on non-invasive imaging of hypoxia and glycolytic activity in canine solid tumors: a feasibility study. <i>Radiation Oncology</i> , 2013, 8, 262.	1.2	16
28	⁶⁴ Cu-ATSM Reflects pO ₂ Levels in Human Head and Neck Cancer Xenografts but Not in Colorectal Cancer Xenografts: Comparison with ⁶⁴ CuCl ₂ . <i>Journal of Nuclear Medicine</i> , 2016, 57, 437-443.	2.8	15
29	Folate receptor targeting of radiolabeled liposomes reduces intratumoral liposome accumulation in human KB carcinoma xenografts. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7647-7656.	3.3	15
30	A tumorsphere model of glioblastoma multiforme with intratumoral heterogeneity for quantitative analysis of cellular migration and drug response. <i>Experimental Cell Research</i> , 2019, 379, 73-82.	1.2	15
31	Noninvasive Molecular Imaging of the Enhanced Permeability and Retention Effect by ⁶⁴ Cu-Liposomes: In vivo Correlations with ⁶⁸ Ga-RGD, Fluid Pressure, Diffusivity and ¹⁸ F-FDG. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8571-8581.	3.3	15
32	Quantitative determination of ⁶⁴ Cu-liposome accumulation at inflammatory and infectious sites: Potential for future theranostic system. <i>Journal of Controlled Release</i> , 2020, 327, 737-746.	4.8	14
33	Liposome-encapsulated chemotherapy: Current evidence for its use in companion animals. <i>Veterinary and Comparative Oncology</i> , 2018, 16, E1-E15.	0.8	13
34	Liposome accumulation in irradiated tumors display important tumor and dose dependent differences. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 27-34.	1.7	11
35	The use of matrigel has no influence on tumor development or PET imaging in FaDu human head and neck cancer xenografts. <i>BMC Medical Imaging</i> , 2016, 16, 5.	1.4	10
36	Unravelling Heterogeneities in Complement and Antibody Opsonization of Individual Liposomes as a Function of Surface Architecture. <i>Small</i> , 2022, 18, e2106529.	5.2	10

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37	Injectable iodine-125 labeled tissue marker for radioactive localization of non-palpable breast lesions. <i>Acta Biomaterialia</i> , 2018, 65, 197-202.	4.1	9
38	Optical tissue clearing and machine learning can precisely characterize extravasation and blood vessel architecture in brain tumors. <i>Communications Biology</i> , 2021, 4, 815.	2.0	9
39	Selection of suitable reference genes for normalization of genes of interest in canine soft tissue sarcomas using quantitative real-time polymerase chain reaction. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 485-493.	0.8	8
40	Multimodal soft tissue markers for bridging high-resolution diagnostic imaging with therapeutic intervention. <i>Science Advances</i> , 2020, 6, eabb5353.	4.7	8
41	Effective Intratumoral Retention of [¹⁰³ Pd]AuPd Alloy Nanoparticles Embedded in Gel-Forming Liquids Paves the Way for New Nanobrachytherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002009.	3.9	8
42	Automated synthesis and PET evaluation of both enantiomers of [18F]FMISO. <i>Nuclear Medicine and Biology</i> , 2015, 42, 413-419.	0.3	7
43	Enhancing adoptive CD8 T cell therapy by systemic delivery of tumor associated antigens. <i>Scientific Reports</i> , 2021, 11, 19794.	1.6	6
44	Preclinical evaluation of cationic DOTA-triarginine-lipid conjugates for theranostic liquid brachytherapy. <i>Nanotheranostics</i> , 2020, 4, 142-155.	2.7	5
45	Micro Regional Heterogeneity of ⁶⁴ Cu-ATSM and ¹⁸ F-FDG Uptake in Canine Soft Tissue Sarcomas: Relation to Cell Proliferation, Hypoxia and Glycolysis. <i>PLoS ONE</i> , 2015, 10, e0141379.	1.1	4
46	Characteristics of patients with familial Mediterranean fever in Denmark: a retrospective nationwide register-based cohort study. <i>Scandinavian Journal of Rheumatology</i> , 2020, 49, 489-497.	0.6	3
47	Carbohydrate based biomarkers enable hybrid near infrared fluorescence and ⁶⁴ Cu based radio-guidance for improved surgical precision. <i>Nanotheranostics</i> , 2021, 5, 448-460.	2.7	3
48	Use of Molecular Imaging Markers of Glycolysis, Hypoxia and Proliferation (¹⁸ F-FDG, ⁶⁴ Cu-ATSM and [¹⁸ F]ETQq000rgBT/Overlock 10 T Monitoring. <i>Diagnostics</i> , 2015, 5, 372-382.	1.3	2
49	Effect of apoA-I PEGylation on the Biological Fate of Biomimetic High-Density Lipoproteins. <i>ACS Omega</i> , 2021, 6, 871-880.	1.6	2
50	Matrix effect in tumor lysates – Does it affect your cytokine ELISA and multiplex analyses?. <i>Journal of Immunological Methods</i> , 2022, 500, 113177.	0.6	1
51	Monocyte secretory profiling in a clinical and MEFV genotype-characterized cohort of Danish familial Mediterranean fever patients: diagnostic potential of CCL1 and CXCL1.. <i>Scandinavian Journal of Rheumatology</i> , 2023, 52, 181-189.	0.6	1