

Daniel L J Thorek

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,916
citations

279487

23
h-index

264894

42
g-index

50
all docs

50
docs citations

50
times ranked

3869
citing authors

#	ARTICLE	IF	CITATIONS
1	A Projection-Domain Low-Count Quantitative SPECT Method for ^{223}Ra -Particle-Emitting Radiopharmaceutical Therapy. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2023, 7, 62-74.	2.7	4
2	Blind Image Restoration Enhances Digital Autoradiographic Imaging of Radiopharmaceutical Tissue Distribution. <i>Journal of Nuclear Medicine</i> , 2022, 63, 591-597.	2.8	2
3	Stable Chelation of the Uranyl Ion by Acyclic Hexadentate Ligands: Potential Applications for ^{230}U Targeted α -Therapy. <i>Inorganic Chemistry</i> , 2022, , .	1.9	7
4	Radiopharmaceutical Quality Control Considerations for Accelerator-Produced Actinium Therapies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2022, 37, 355-363.	0.7	2
5	Overcoming stromal barriers to immuno-oncological responses via fibroblast activation protein-targeted therapy. <i>Immunotherapy</i> , 2021, 13, 155-175.	1.0	12
6	PSA-Targeted Alpha-, Beta-, and Positron-Emitting Immunotheranostics in Murine Prostate Cancer Models and Nonhuman Primates. <i>Clinical Cancer Research</i> , 2021, 27, 2050-2060.	3.2	13
7	Improved ^{223}Ra Therapy with Combination Epithelial Sodium Channel Blockade. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1751-1758.	2.8	10
8	Longitudinal measurement of subcutaneous and intratibial human prostate cancer xenograft growth and response to ionizing radiation by plasma Alu and LINE1 ctDNA: A comparison to standard methods. <i>Prostate</i> , 2021, 81, 745-753.	1.2	3
9	Predilection for developing a hematogenous orthopaedic implant-associated infection in older versus younger mice. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 556.	0.9	2
10	Towards the stable chelation of radium for biomedical applications with an 18-membered macrocyclic ligand. <i>Chemical Science</i> , 2021, 12, 3733-3742.	3.7	46
11	Practical considerations for quantitative clinical SPECT/CT imaging of alpha particle emitting radioisotopes. <i>Theranostics</i> , 2021, 11, 9721-9737.	4.6	12
12	Prostate Cancer Theranostics - An Overview. <i>Frontiers in Oncology</i> , 2020, 10, 884.	1.3	24
13	Preclinical Single Photon Emission Computed Tomography of Alpha Particle-Emitting Radium-223. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 35, 520-529.	0.7	6
14	Asporin Restricts Mesenchymal Stromal Cell Differentiation, Alters the Tumor Microenvironment, and Drives Metastatic Progression. <i>Cancer Research</i> , 2019, 79, 3636-3650.	0.4	47
15	PSMA expression in the Hi-Myc model; extended utility of a representative model of prostate adenocarcinoma for biological insight and as a drug discovery tool. <i>Prostate</i> , 2019, 79, 678-685.	1.2	10
16	Tumor-infiltrating mesenchymal stem cells: Drivers of the immunosuppressive tumor microenvironment in prostate cancer?. <i>Prostate</i> , 2019, 79, 320-330.	1.2	58
17	Efficacy of Radium-223 in Bone-metastatic Castration-resistant Prostate Cancer with and Without Homologous Repair Gene Defects. <i>European Urology</i> , 2019, 76, 170-176.	0.9	71
18	Harnessing Androgen Receptor Pathway Activation for Targeted Alpha Particle Radioimmunotherapy of Breast Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 881-891.	3.2	21

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19	Feed-forward alpha particle radiotherapy ablates androgen receptor-addicted prostate cancer. <i>Nature Communications</i> , 2018, 9, 1629.	5.8	37
20	Molecularly specific detection of bacterial lipoteichoic acid for diagnosis of prosthetic joint infection of the bone. <i>Bone Research</i> , 2018, 6, 13.	5.4	29
21	The impact of age on radium-223 distribution and an evaluation of molecular imaging surrogates. <i>Nuclear Medicine and Biology</i> , 2018, 62-63, 1-8.	0.3	14
22	Concise Review: Mesenchymal Stem Cell-Based Drug Delivery: The Good, the Bad, the Ugly, and the Promise. <i>Stem Cells Translational Medicine</i> , 2018, 7, 651-663.	1.6	192
23	Voltage-sensitive dye delivery through the blood brain barrier using adenosine receptor agonist regadenoson. <i>Biomedical Optics Express</i> , 2018, 9, 3915.	1.5	17
24	Noninvasive optical and nuclear imaging of Staphylococcus-specific infection with a human monoclonal antibody-based probe. <i>Virulence</i> , 2018, 9, 262-272.	1.8	27
25	Mouse model of Gram-negative prosthetic joint infection reveals therapeutic targets. <i>JCI Insight</i> , 2018, 3, .	2.3	25
26	Long-term prediction of prostate cancer diagnosis and death using PSA and obesity related anthropometrics at early middle age: data from the malmÅr preventive project. <i>Oncotarget</i> , 2018, 9, 5778-5785.	0.8	1
27	Listening to membrane potential: photoacoustic voltage-sensitive dye recording. <i>Journal of Biomedical Optics</i> , 2017, 22, 045006.	1.4	38
28	Sclerostin influences body composition by regulating catabolic and anabolic metabolism in adipocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11238-E11247.	3.3	125
29	A Radium-223 microgenerator from cyclotron-produced trace Actinium-227. <i>Applied Radiation and Isotopes</i> , 2017, 119, 36-42.	0.7	33
30	Fatty acid oxidation by the osteoblast is required for normal bone acquisition in a sex- and diet-dependent manner. <i>JCI Insight</i> , 2017, 2, .	2.3	84
31	Carbon nanotubes exhibit fibrillar pharmacology in primates. <i>PLoS ONE</i> , 2017, 12, e0183902.	1.1	18
32	Assessment of Lexiscan for Blood Brain Barrier disruption to facilitate Fluorescence brain imaging. , 2017, , .		0
33	Internalization of secreted antigenâ€‘targeted antibodies by the neonatal Fc receptor for precision imaging of the androgen receptor axis. <i>Science Translational Medicine</i> , 2016, 8, 367ra167.	5.8	23
34	In vivo radiometric analysis of glucose uptake and distribution in mouse bone. <i>Bone Research</i> , 2016, 4, 16004.	5.4	83
35	NGF-TrkA Signaling by Sensory Nerves Coordinates the Vascularization and Ossification of Developing Endochondral Bone. <i>Cell Reports</i> , 2016, 16, 2723-2735.	2.9	134
36	Targeted fibrillar nanocarbon RNAi treatment of acute kidney injury. <i>Science Translational Medicine</i> , 2016, 8, 331ra39.	5.8	88

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37	Deconvoluting hepatic processing of carbon nanotubes. <i>Nature Communications</i> , 2016, 7, 12343.	5.8	42
38	Whole-Body and Microenvironmental Localization of Radium-223 in Na ⁺ -ve and Mouse Models of Prostate Cancer Metastasis. <i>Journal of the National Cancer Institute</i> , 2016, 108, djv380.	3.0	81
39	Contemporary approaches for imaging skeletal metastasis. <i>Bone Research</i> , 2015, 3, 15024.	5.4	33
40	Cerenkov Luminescence Imaging for Radiation Dose Calculation of a ⁹⁰ Y-Labeled Gastrin-Releasing Peptide Receptor Antagonist. <i>Journal of Nuclear Medicine</i> , 2015, 56, 805-811.	2.8	39
41	Radiolabeled antibodies in prostate cancer: A case study showing the effect of host immunity on antibody bio-distribution. <i>Nuclear Medicine and Biology</i> , 2015, 42, 375-380.	0.3	9
42	Anthropometric Measures at Multiple Times Throughout Life and Prostate Cancer Diagnosis, Metastasis, and Death. <i>European Urology</i> , 2015, 68, 1076-1082.	0.9	12
43	Reverse-Contrast Imaging and Targeted Radiation Therapy of Advanced Pancreatic Cancer Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 444-453.	0.4	12
44	Non-invasive mapping of deep-tissue lymph nodes in live animals using a multimodal PET/MRI nanoparticle. <i>Nature Communications</i> , 2014, 5, 3097.	5.8	139
45	Molecular Imaging Using Nanoparticle Quenchers of Cerenkov Luminescence. <i>Small</i> , 2014, 10, 3729-3734.	5.2	28
46	Dawn of Advanced Molecular Medicine: Nanotechnological Advancements in Cancer Imaging and Therapy. <i>Critical Reviews in Oncogenesis</i> , 2014, 19, 143-176.	0.2	22
47	Quantitative imaging of disease signatures through radioactive decay signal conversion. <i>Nature Medicine</i> , 2013, 19, 1345-1350.	15.2	138
48	Prostate-specific kallikrein-related peptidases and their relation to prostate cancer biology and detection. <i>Thrombosis and Haemostasis</i> , 2013, 110, 484-492.	1.8	43