

Alexandra Winkeler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8807147/publications.pdf>

Version: 2024-02-01

52
papers

2,210
citations

218677

26
h-index

223800

46
g-index

52
all docs

52
docs citations

52
times ranked

2713
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Quantitative Imaging of Glioma Heterogeneity Employing Positron Emission Tomography. <i>Cancers</i> , 2022, 14, 3139.	3.7	3
2	Imaging of Gene and Cell-Based Therapies: Basis and Clinical Trials. , 2021, , 1539-1587.		0
3	Imaging of the glioma microenvironment by TSPO PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 174-185.	6.4	24
4	Imaging temozolomide-induced changes in the myeloid glioma microenvironment. <i>Theranostics</i> , 2021, 11, 2020-2033.	10.0	25
5	[¹⁸ F]2-Fluoro-2-deoxy-sorbitol PET Imaging for Quantitative Monitoring of Enhanced Blood-Brain Barrier Permeability Induced by Focused Ultrasound. <i>Pharmaceutics</i> , 2021, 13, 1752.	4.5	17
6	Neuroinflammation: From Target Selection to Preclinical and Clinical Studies. , 2021, , 567-592.		1
7	Impact of blood-brain barrier permeabilization induced by ultrasound associated to microbubbles on the brain delivery and kinetics of cetuximab: An immunoPET study using ⁸⁹ Zr-cetuximab. <i>Journal of Controlled Release</i> , 2020, 328, 304-312.	9.9	38
8	TSPO imaging-guided characterization of the immunosuppressive myeloid tumor microenvironment in patients with malignant glioma. <i>Neuro-Oncology</i> , 2020, 22, 1030-1043.	1.2	35
9	Multimodal Molecular Imaging of the Tumour Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1225, 71-87.	1.6	20
10	TSPO-PET and diffusion-weighted MRI for imaging a mouse model of infiltrative human glioma. <i>Neuro-Oncology</i> , 2019, 21, 755-764.	1.2	26
11	Identification of new molecular targets for PET imaging of the microglial anti-inflammatory activation state. <i>Theranostics</i> , 2018, 8, 5400-5418.	10.0	48
12	Combined PET Imaging of the Inflammatory Tumor Microenvironment Identifies Margins of Unique Radiotracer Uptake. <i>Cancer Research</i> , 2017, 77, 1831-1841.	0.9	69
13	PET imaging of cannabinoid type 2 receptors with [¹¹ C]A-836339 did not evidence changes following neuroinflammation in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1163-1178.	4.3	31
14	From Structure-Activity Relationships on Thiazole Derivatives to the <i>In Vivo</i> Evaluation of a New Radiotracer for Cannabinoid Subtype 2 PET Imaging. <i>Molecular Pharmaceutics</i> , 2017, 14, 4064-4078.	4.6	22
15	Imaging in Neurooncology. , 2017, , 689-725.		0
16	Evaluation of PET Imaging Performance of the TSPO Radioligand [¹⁸ F]DPA-714 in Mouse and Rat Models of Cancer and Inflammation. <i>Molecular Imaging and Biology</i> , 2016, 18, 127-134.	2.6	12
17	The Translocator Protein Radioligand [¹⁸ F]DPA-714 Monitors Antitumor Effect of Erufosine in a Rat 9L Intracranial Glioma Model. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2125-2131.	5.0	37
18	Noninvasive Molecular Imaging of Neuroinflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1393-1415.	4.3	216

#	ARTICLE	IF	CITATIONS
19	Analysis of the Growth Dynamics of Angiogenesis-Dependent and -Independent Experimental Glioblastomas by Multimodal Small-Animal PET and MRI. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1135-1145.	5.0	38
20	The translocator protein ligand [18F]DPA-714 images glioma and activated microglia in vivo. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 811-823.	6.4	80
21	Imaging Bone Morphogenetic Protein 7 Induced Cell Cycle Arrest in Experimental Gliomas. <i>Neoplasia</i> , 2011, 13, 276-IN22.	5.3	31
22	Imaging Herpes Simplex Virus Type 1 Amplicon Vector-Mediated Gene Expression in Human Glioma Spheroids. <i>Molecular Imaging</i> , 2011, 10, 7290.2010.00036.	1.4	2
23	[18F]FLT PET for Non-Invasive Monitoring of Early Response to Gene Therapy in Experimental Gliomas. <i>Molecular Imaging and Biology</i> , 2011, 13, 547-557.	2.6	22
24	Specific biomarkers of receptors, pathways of inhibition and targeted therapies: pre-clinical developments. <i>British Journal of Radiology</i> , 2011, 84, S168-S178.	2.2	2
25	Specific biomarkers of receptors, pathways of inhibition and targeted therapies: clinical applications. <i>British Journal of Radiology</i> , 2011, 84, S179-S195.	2.2	3
26	Imaging in Neurology Research I: Neurooncology. , 2011, , 473-498.		0
27	Radioisotopic Imaging of Neuroinflammation: FIGURE 1.. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1-4.	5.0	74
28	Mouse models in neurological disorders: Applications of non-invasive imaging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 819-839.	3.8	42
29	Methods to monitor gene therapy with molecular imaging. <i>Methods</i> , 2009, 48, 146-160.	3.8	59
30	Imaging noradrenergic influence on amyloid pathology in mouse models of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 107-113.	6.4	27
31	Noninvasive Assessment of E2F-1-Mediated Transcriptional Regulation <i>in vivo</i> . <i>Cancer Research</i> , 2008, 68, 5932-5940.	0.9	15
32	In Vivo Evaluation of the Uptake of [123I]FIAU, [123I]IVFRU and [123I]IVFAU by Normal Mouse Brain: Potential For Noninvasive Assessment of HSV-1 Thymidine Kinase Gene Expression in Gliomas. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 57-66.	1.1	3
33	Early Detection of Erlotinib Treatment Response in NSCLC by 3-Deoxy-[18F]-Fluoro-L-Thymidine ([18F]FLT) Positron Emission Tomography (PET). <i>PLoS ONE</i> , 2008, 3, e3908.	2.5	80
34	Multimodal Imaging of Neural Progenitor Cell Fate in Rodents. <i>Molecular Imaging</i> , 2008, 7, 7290.2008.0010.	1.4	49
35	Molecular Imaging-guided Gene Therapy of Gliomas. <i>Handbook of Experimental Pharmacology</i> , 2008, , 341-359.	1.8	5
36	Multimodal imaging of neural progenitor cell fate in rodents. <i>Molecular Imaging</i> , 2008, 7, 77-91.	1.4	31

#	ARTICLE	IF	CITATIONS
37	Normal Brain Cells Contribute to the Bystander Effect in Suicide Gene Therapy of Malignant Glioma. <i>Clinical Cancer Research</i> , 2007, 13, 6761-6768.	7.0	37
38	Bystander Killing of Malignant Glioma by Bone Marrow-derived Tumor-Infiltrating Progenitor Cells Expressing a Suicide Gene. <i>Molecular Therapy</i> , 2007, 15, 1373-1381.	8.2	149
39	Imaging-Guided Gene Therapy of Experimental Gliomas. <i>Cancer Research</i> , 2007, 67, 1706-1715.	0.9	62
40	Multitracer Positron Emission Tomographic Imaging of Exogenous Gene Expression Mediated by a Universal Herpes Simplex Virus 1 Amplicon Vector. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00015.	1.4	16
41	Switching on the Lights for Gene Therapy. <i>PLoS ONE</i> , 2007, 2, e528.	2.5	24
42	Multitracer positron emission tomographic imaging of exogenous gene expression mediated by a universal herpes simplex virus 1 amplicon vector. <i>Molecular Imaging</i> , 2007, 6, 181-92.	1.4	7
43	Variability in infectivity of primary cell cultures of human brain tumors with HSV-1 amplicon vectors. <i>Gene Therapy</i> , 2005, 12, 588-596.	4.5	25
44	Imaging in Gene Therapy of Patients with Glioma. <i>Journal of Neuro-Oncology</i> , 2003, 65, 291-305.	2.9	28
45	Performance evaluation of the microPET R4 PET scanner for rodents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 737-747.	6.4	222
46	PET-based molecular imaging in neuroscience. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1051-1065.	6.4	80
47	BiP-dependent export of cholera toxin from endoplasmic reticulum-derived microsomes. <i>FEBS Letters</i> , 2003, 554, 439-442.	2.8	37
48	Improved Herpes Simplex Virus Type 1 Amplicon Vectors for Proportional Coexpression of Positron Emission Tomography Marker and Therapeutic Genes. <i>Human Gene Therapy</i> , 2003, 14, 277-297.	2.7	67
49	Prospects of molecular imaging in neurology. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 98-109.	2.6	6
50	Molecular Imaging of Gliomas. <i>Molecular Imaging</i> , 2002, 1, 309-335.	1.4	63
51	Cholera Toxin Is Exported from Microsomes by the Sec61p Complex. <i>Journal of Cell Biology</i> , 2000, 148, 1203-1212.	5.2	198
52	Bystander Killing of Malignant Glioma by Bone Marrow-derived Tumor-Infiltrating Progenitor Cells Expressing a Suicide Gene. <i>Molecular Therapy</i> , 0, , .	8.2	2