

Alexander Heinzl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3559130/publications.pdf>

Version: 2024-02-01

73
papers

6,212
citations

147801

31
h-index

76900

74
g-index

77
all docs

77
docs citations

77
times ranked

7616
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-referential processing in our brainâ€”A meta-analysis of imaging studies on the self. <i>NeuroImage</i> , 2006, 31, 440-457.	4.2	2,350
2	German Multicenter Study Investigating ¹⁷⁷ Lu-PSMA-617 Radioligand Therapy in Advanced Prostate Cancer Patients. <i>Journal of Nuclear Medicine</i> , 2017, 58, 85-90.	5.0	646
3	Reciprocal modulation and attenuation in the prefrontal cortex: An fMRI study on emotionalâ€”cognitive interaction. <i>Human Brain Mapping</i> , 2004, 21, 202-212.	3.6	225
4	Segregated neural representation of distinct emotion dimensions in the prefrontal cortexâ€”an fMRI study. <i>NeuroImage</i> , 2006, 30, 325-340.	4.2	181
5	Response and Tolerability of a Single Dose of ¹⁷⁷ Lu-PSMA-617 in Patients with Metastatic Castration-Resistant Prostate Cancer: A Multicenter Retrospective Analysis. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1334-1338.	5.0	178
6	Diagnostic Performance of ¹⁸ F-FET PET in Newly Diagnosed Cerebral Lesions Suggestive of Glioma. <i>Journal of Nuclear Medicine</i> , 2013, 54, 229-235.	5.0	167
7	[⁶⁸ Ga]PSMA-HBED uptake mimicking lymph node metastasis in coeliac ganglia: an important pitfall in clinical practice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 210-214.	6.4	162
8	Assessment of Large-Vessel Involvement in Giant Cell Arteritis with ¹⁸ F-FDG PET: Introducing an ROC-Analysisâ€”Based Cutoff Ratio. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1107-1113.	5.0	137
9	Orbitofrontal Cortical Dysfunction in Akinetic Catatonia: A Functional Magnetic Resonance Imaging Study During Negative Emotional Stimulation. <i>Schizophrenia Bulletin</i> , 2004, 30, 405-427.	4.3	128
10	Differential parametric modulation of selfâ€”relatedness and emotions in different brain regions. <i>Human Brain Mapping</i> , 2009, 30, 369-382.	3.6	127
11	First evidence of PSMA expression in differentiated thyroid cancer using [⁶⁸ Ga]PSMA-HBED-CC PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1622-1623.	6.4	112
12	EANM guideline for radionuclide therapy with radium-223 of metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 824-845.	6.4	108
13	Affective judgment and beneficial decision making: Ventromedial prefrontal activity correlates with performance in the Iowa Gambling Task. <i>Human Brain Mapping</i> , 2006, 27, 572-587.	3.6	94
14	How do we modulate our emotions? Parametric fMRI reveals cortical midline structures as regions specifically involved in the processing of emotional valences. <i>Cognitive Brain Research</i> , 2005, 25, 348-358.	3.0	91
15	Radiomics in neuro-oncology: Basics, workflow, and applications. <i>Methods</i> , 2021, 188, 112-121.	3.8	85
16	Imaging of amino acid transport in brain tumours: Positron emission tomography with O-(2-[¹⁸ F]Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 1	3.8	76
17	Striatal dopaminergic modulation of reinforcement learning predicts rewardâ€”oriented behavior in daily life. <i>Biological Psychology</i> , 2017, 127, 1-9.	2.2	60
18	Hybrid ¹⁸ F-FDG PETâ€”MRI of the hand in rheumatoid arthritis: initial results. <i>Clinical Rheumatology</i> , 2011, 30, 1247-1250.	2.2	55

#	ARTICLE	IF	CITATIONS
19	Resting state glutamate predicts elevated pre-stimulus alpha during self-relatedness: A combined EEG-MRS study on "rest-self overlap" Social Neuroscience, 2016, 11, 249-263.	1.3	54
20	68Ga-PSMA PET/CT for monitoring response to 177Lu-PSMA-617 radioligand therapy in patients with metastatic castration-resistant prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1054-1062.	6.4	51
21	MAOA-VNTR polymorphism modulates context-dependent dopamine release and aggressive behavior in males. NeuroImage, 2016, 125, 378-385.	4.2	48
22	Are emotions associated with activity during rest or interoception? An exploratory fMRI study in healthy subjects. Neuroscience Letters, 2011, 491, 87-92.	2.1	47
23	Cost-effectiveness analysis of FET PET-guided target selection for the diagnosis of gliomas. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1089-1096.	6.4	47
24	The Use of ^{18}F -Fluoroethyl-L-Tyrosine PET for Treatment Management of Bevacizumab and Irinotecan in Patients with Recurrent High-Grade Glioma: A Cost-Effectiveness Analysis. Journal of Nuclear Medicine, 2013, 54, 1217-1222.	5.0	47
25	GABA-ergic Modulation of Prefrontal Spatio-temporal Activation Pattern during Emotional Processing: A Combined fMRI/MEG Study with Placebo and Lorazepam. Journal of Cognitive Neuroscience, 2002, 14, 348-370.	2.3	46
26	Clinical value of 68Ga-DOTATATE-PET/CT compared to stand-alone contrast enhanced CT for the detection of extra-hepatic metastases in patients with neuroendocrine tumours (NET). European Journal of Radiology, 2015, 84, 1866-1872.	2.6	45
27	Increased Activation of the Supragenual Anterior Cingulate Cortex during Visual Emotional Processing in Male Subjects with High Degrees of Alexithymia: An Event-Related fMRI Study. Psychotherapy and Psychosomatics, 2010, 79, 363-370.	8.8	43
28	First-Person Neuroscience: a new methodological approach for linking mental and neuronal states. Philosophy, Ethics, and Humanities in Medicine, 2006, 1, 3.	1.5	40
29	Key players in major and bipolar depression – A retrospective analysis of in vivo imaging studies. Behavioural Brain Research, 2012, 232, 358-390.	2.2	35
30	Diagnostic Accuracy of Diffusion-Weighted Magnetic Resonance Imaging Versus Positron Emission Tomography/Computed Tomography for Early Response Assessment of Liver Metastases to Y90-Radioembolization. Investigative Radiology, 2015, 50, 409-415.	6.2	35
31	Self-related processing in the sexual domain: A parametric event-related fMRI study reveals neural activity in ventral cortical midline structures. Social Neuroscience, 2006, 1, 41-51.	1.3	32
32	Cost-Effectiveness Analysis of Amino Acid PET-Guided Surgery for Supratentorial High-Grade Gliomas. Journal of Nuclear Medicine, 2012, 53, 552-558.	5.0	32
33	Relevant tumor sink effect in prostate cancer patients receiving 177Lu-PSMA-617 radioligand therapy. Nuklearmedizin - NuclearMedicine, 2018, 57, 19-25.	0.7	30
34	Current trends in the use of O-(2-[18F]fluoroethyl)-L-tyrosine ([18F]FET) in neurooncology. Nuclear Medicine and Biology, 2021, 92, 78-84.	0.6	30
35	Thyroid nodules with indeterminate cytology: molecular imaging with 99mTc-methoxyisobutylisonitrile (MIBI) is more cost-effective than the Afirma® gene expression classifier. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1497-1500.	6.4	29
36	O-(2-18F-fluoroethyl)-L-tyrosine PET for evaluation of brain metastasis recurrence after radiotherapy: an effectiveness and cost-effectiveness analysis. Neuro-Oncology, 2017, 19, 1271-1278.	1.2	27

#	ARTICLE	IF	CITATIONS
37	Alexithymia in healthy young men: A voxel-based morphometric study. <i>Journal of Affective Disorders</i> , 2012, 136, 1252-1256.	4.1	24
38	Metabolic tumour volume of anal carcinoma on 18FDG PET/CT before combined radiochemotherapy is the only independent determinant of recurrence free survival. <i>European Journal of Radiology</i> , 2016, 85, 1390-1394.	2.6	24
39	Differential modulation of valence and arousal in high-alexithymic and low-alexithymic individuals. <i>NeuroReport</i> , 2010, 21, 998-1002.	1.2	20
40	Negative 18F-2-fluorodeoxyglucose PET/CT predicts good cancer specific survival in patients with a suspicion of recurrent ovarian cancer. <i>European Journal of Radiology</i> , 2014, 83, 463-467.	2.6	20
41	No evidence for attenuated stress-induced extrastriatal dopamine signaling in psychotic disorder. <i>Translational Psychiatry</i> , 2015, 5, e547-e547.	4.8	19
42	Segregated neural representation of psychological and somatic-vegetative symptoms in severe major depression. <i>Neuroscience Letters</i> , 2009, 456, 49-53.	2.1	18
43	Emotional processing and executive functions in major depressive disorder: dorsal prefrontal activity correlates with performance in the intra- and extra-dimensional set shift. <i>Acta Neuropsychiatrica</i> , 2010, 22, 269-279.	2.1	18
44	Maximum Dose Rate Is a Determinant of Hypothyroidism After ¹³¹ I Therapy of Graves' Disease but the Total Thyroid Absorbed Dose Is Not. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4109-4115.	3.6	18
45	Molecular imaging using PSMA PET/CT versus multiparametric MRI for initial staging of prostate cancer: comparing apples with oranges?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1397-1399.	6.4	18
46	Diffusion-weighted MRI Is Superior to PET/CT in Predicting Survival of Patients Undergoing ⁹⁰ Y Radioembolization of Hepatic Metastases. <i>Radiology</i> , 2018, 288, 764-773.	7.3	17
47	Early-Life Stress Affects Stress-Related Prefrontal Dopamine Activity in Healthy Adults, but Not in Individuals with Psychotic Disorder. <i>PLoS ONE</i> , 2016, 11, e0150746.	2.5	16
48	Stimulus and GABA _A receptor interaction in humans: an exploratory study with ¹²³ I-Flumazenil SPECT. <i>Human Psychopharmacology</i> , 2008, 23, 549-554.	1.5	15
49	Nothing new under the nuclear sun: towards 80 years of theranostics in nuclear medicine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 199-201.	6.4	14
50	Intact striatal dopaminergic modulation of reward learning and daily-life reward-oriented behavior in first-degree relatives of individuals with psychotic disorder. <i>Psychological Medicine</i> , 2018, 48, 1909-1914.	4.5	14
51	High uptake of ⁶⁸ Ga-PSMA and ¹⁸ F-DCFPyL in the peritumoral area of rat gliomas due to activated astrocytes. <i>EJNMMI Research</i> , 2020, 10, 55.	2.5	13
52	Cost-effectiveness of ^{99m} Tc-MIBI in the evaluation of thyroid nodules for malignancy: a new lease of life for an old radiopharmaceutical?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 102-104.	6.4	11
53	Emotional feeling and the orbitomedial prefrontal cortex: Theoretical and empirical considerations. <i>Philosophical Psychology</i> , 2009, 22, 443-464.	0.9	9
54	Striatal dopamine release and impaired reinforcement learning in adults with 22q11.2 deletion syndrome. <i>European Neuropsychopharmacology</i> , 2018, 28, 732-742.	0.7	9

#	ARTICLE	IF	CITATIONS
55	Advantages and limitations of amino acid PET for tracking therapy response in glioma patients. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 137-146.	2.8	8
56	Prostate-specific membrane antigen radioligand therapy of prostate cancer. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 29-36.	0.7	8
57	Patients with high-risk differentiated thyroid cancer have a lower ^{131}I ablation success rate than low-risk ones in spite of a high ablation activity. <i>Clinical Endocrinology</i> , 2016, 85, 926-931.	2.4	7
58	Safety and Efficacy of Y-90 Radioembolization After Prior Major Hepatic Resection. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1206-1212.	2.0	7
59	Daily-life stress differentially impacts ventral striatal dopaminergic modulation of reward processing in first-degree relatives of individuals with psychosis. <i>European Neuropsychopharmacology</i> , 2018, 28, 1314-1324.	0.7	7
60	Comparison of automatic versus manual procedures for the quantification of dopamine D2 receptor availability using I-123-IBZM-SPECT. <i>Nuclear Medicine Communications</i> , 2015, 36, 1120-1126.	1.1	5
61	Induction of Contralateral Hepatic Hypertrophy by Unilobar Yttrium-90 Transarterial Radioembolization versus Portal Vein Embolization: An Animal Study. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 836-842.e2.	0.5	5
62	Hepatic candidiasis mimicking lymphoma on 18F-FDG PET/CT in a patient with T cell lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2925-2926.	6.4	4
63	An unusual agent for an unusual localization of infective endocarditis. <i>Perfusion (United Kingdom)</i> , 2017, 32, 691-694.	1.0	4
64	Investigation of Cerebral O-(2-[18F]Fluoroethyl)-L-Tyrosine Uptake in Rat Epilepsy Models. <i>Molecular Imaging and Biology</i> , 2020, 22, 1255-1265.	2.6	3
65	Use of full-dose contrast-enhanced CT for extrahepatic staging using Gallium-68-DOTATATE PET/CT in patients with neuroendocrine tumors. <i>Diagnostic and Interventional Radiology</i> , 2021, 27, 573-579.	1.5	3
66	Lower [18F]fallypride binding to dopamine D2/3 receptors in frontal brain areas in adults with 22q11.2 deletion syndrome: a positron emission tomography study. <i>Psychological Medicine</i> , 2020, 50, 799-807.	4.5	2
67	Bolus infusion scheme for the adjustment of steady state [11C]Flumazenil levels in the grey matter and in the blood plasma for neuroreceptor imaging. <i>NeuroImage</i> , 2020, 221, 117160.	4.2	2
68	Evaluation of new endodontic tooth models in clinical education from the perspective of students and demonstrators. <i>BMC Medical Education</i> , 2021, 21, 447.	2.4	2
69	Y90-radioembolization via variant hepatic arteries: Is there a relevant risk for non-target embolization?. <i>World Journal of Radiology</i> , 2019, 11, 102-109.	1.1	2
70	Intensity-Modulated Radiotherapy Associated With Improved Survival Outcome in Anal Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	2
71	Antagonist muscle activation preceding rapid flexion movements of the elbow joint in human subjects. <i>Neuroscience Letters</i> , 2008, 434, 206-211.	2.1	1
72	Successful palliative peptide receptor radionuclide therapy for impending compression of vena cava due to unresectable liver metastasis of neuroendocrine tumor. <i>EXCLI Journal</i> , 2019, 18, 273-276.	0.7	1

#	ARTICLE	IF	CITATIONS
73	Assessment of the lymphatic system by indirect lymphography in patients suffering from postthrombotic syndrome. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, , .	1.6	1