

Katrine Riklund

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

3,221
citations

218677

26
h-index

182427

51
g-index

104
all docs

104
docs citations

104
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	Does ¹⁸ F-FDG PET/CT change the surgical management of potentially resectable colorectal liver metastases?. Scandinavian Journal of Surgery, 2022, 111, 145749692210831.	2.6	3
2	Prediction and early biomarkers of cognitive decline in Parkinson disease and atypical parkinsonism: a population-based study. Brain Communications, 2022, 4, fcac040.	3.3	8
3	Cerebellar and Cerebral Amyloid Visualized by [18F]flutemetamol PET in Long-Term Hereditary V30M (p.V50M) Transthyretin Amyloidosis Survivors. Frontiers in Neurology, 2022, 13, 816636.	2.4	3
4	<scp>DyNAMiC</scp>: A prospective longitudinal study of dopamine and brain connectomes: A new window into cognitive aging. Journal of Neuroscience Research, 2022, 100, 1296-1320.	2.9	10
5	VNTR polymorphism in the SLC6A3 gene does not influence dopamine transporter availability measured by [18F]FE-PE2I PET or [123I]FP-Cit SPECT. Nuclear Medicine Communications, 2022, 43, 247-255.	1.1	0
6	Considerations for artificial intelligence clinical impact in oncologic imaging: an AI4HI position paper. Insights Into Imaging, 2022, 13, 89.	3.4	9
7	Longitudinal Dopamine D2 Receptor Changes and Cerebrovascular Health in Aging. Neurology, 2022, 99, .	1.1	14
8	Role of dopamine and gray matter density in aging effects and individual differences of functional connectomes. Brain Structure and Function, 2021, 226, 743-758.	2.3	9
9	Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1778-1790.	4.3	26
10	Distinct and Common Large-Scale Networks of the Hippocampal Long Axis in Older Age: Links to Episodic Memory and Dopamine D2 Receptor Availability. Cerebral Cortex, 2021, 31, 3435-3450.	2.9	7
11	Registration of histopathology to magnetic resonance imaging of prostate cancer. Physics and Imaging in Radiation Oncology, 2021, 18, 19-25.	2.9	9
12	Dissociations between glucose metabolism and blood oxygenation in the human default mode network revealed by simultaneous PET-fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	39
13	Sex differences in dopamine integrity and brain structure among healthy older adults: Relationships to episodic memory. Neurobiology of Aging, 2021, 105, 272-279.	3.1	4
14	Immune responses against autologous tumor and human papilloma virus in lymph nodes from patients with penile cancer. Investigative and Clinical Urology, 2021, 62, 39.	2.0	1
15	Fronto-striatal dopamine D2 receptor availability is associated with cognitive variability in older individuals with low dopamine integrity. Scientific Reports, 2021, 11, 21089.	3.3	1
16	A common polymorphism in the dopamine transporter gene predicts working memory performance and in vivo dopamine integrity in aging. Neurolmage, 2021, 245, 118707.	4.2	5
17	High long-term test-retest reliability for extrastriatal ¹¹ C-raclopride binding in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1859-1868.	4.3	15
18	Balance between Transmitter Availability and Dopamine D2 Receptors in Prefrontal Cortex Influences Memory Functioning. Cerebral Cortex, 2020, 30, 989-1000.	2.9	26

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19	Fewer tumour draining sentinel nodes in patients with progressing muscle invasive bladder cancer, after neoadjuvant chemotherapy and radical cystectomy. <i>World Journal of Urology</i> , 2020, 38, 2207-2213.	2.2	4
20	NfL as a biomarker for neurodegeneration and survival in Parkinson disease. <i>Neurology</i> , 2020, 95, e827-e838.	1.1	73
21	IL-16 processing in sentinel node regulatory T cells is a factor in bladder cancer immunity. <i>Scandinavian Journal of Immunology</i> , 2020, 92, e12926.	2.7	5
22	Rectal cancer: a methodological approach to matching PET/MRI to histopathology. <i>Cancer Imaging</i> , 2020, 20, 80.	2.8	5
23	Corticostriatal White Matter Integrity and Dopamine D1 Receptor Availability Predict Age Differences in Prefrontal Value Signaling during Reward Learning. <i>Cerebral Cortex</i> , 2020, 30, 5270-5280.	2.9	4
24	Diagnostic accuracy of the iNPH Radscale in idiopathic normal pressure hydrocephalus. <i>PLoS ONE</i> , 2020, 15, e0232275.	2.5	30
25	Body composition measured by computed tomography is associated with colorectal cancer survival, also in early-stage disease. <i>Acta Oncologica</i> , 2020, 59, 799-808.	1.8	28
26	Standardized image evaluation in patients with idiopathic normal pressure hydrocephalus: consistency and reproducibility. <i>Neuroradiology</i> , 2019, 61, 1397-1406.	2.2	25
27	PET/MRI and PET/CT hybrid imaging of rectal cancer – description and initial observations from the RECTOPET (Rectal Cancer trial on PET/MRI/CT) study. <i>Cancer Imaging</i> , 2019, 19, 52.	2.8	28
28	Higher striatal D2-receptor availability in aerobically fit older adults but non-selective intervention effects after aerobic versus resistance training. <i>NeuroImage</i> , 2019, 202, 116044.	4.2	15
29	The Influence of Hippocampal Dopamine D2 Receptors on Episodic Memory Is Modulated by BDNF and KIBRA Polymorphisms. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1422-1429.	2.3	3
30	Cardiovascular factors are related to dopamine integrity and cognition in aging. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2291-2303.	3.7	19
31	Mapping the landscape of human dopamine D2/3 receptors with [11C]raclopride. <i>Brain Structure and Function</i> , 2019, 224, 2871-2882.	2.3	30
32	Radiation dosimetry of [68Ga]PSMA-11 in low-risk prostate cancer patients. <i>EJNMMI Physics</i> , 2019, 6, 2.	2.7	24
33	State of affairs of hybrid imaging in Europe: two multi-national surveys from 2017. <i>Insights Into Imaging</i> , 2019, 10, 57.	3.4	2
34	Dorsal striatal dopamine D1 receptor availability predicts an instrumental bias in action learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 261-270.	7.1	36
35	Dopamine D _{2/3} Binding Potential Modulates Neural Signatures of Working Memory in a Load-Dependent Fashion. <i>Journal of Neuroscience</i> , 2019, 39, 537-547.	3.6	37
36	C957T-mediated Variation in Ligand Affinity Affects the Association between ¹¹ C-raclopride Binding Potential and Cognition. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 314-325.	2.3	13

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37	U-CAN: a prospective longitudinal collection of biomaterials and clinical information from adult cancer patients in Sweden. <i>Acta Oncol</i> , 2018, 57, 187-194.	1.8	52
38	Latent-Profile Analysis Reveals Behavioral and Brain Correlates of Dopamine-Cognition Associations. <i>Cerebral Cortex</i> , 2018, 28, 3894-3907.	2.9	34
39	Dopamine transporter imaging with [18F]FE-PE2I PET and [123I]FP-CIT SPECT—a clinical comparison. <i>EJNMMI Research</i> , 2018, 8, 100.	2.5	51
40	Optimization of PET reconstruction algorithm, SUV thresholding algorithm and PET acquisition time in clinical 11C-acetate PET/CT. <i>PLoS ONE</i> , 2018, 13, e0209169.	2.5	0
41	Early predictors of mortality in parkinsonism and Parkinson disease. <i>Neurology</i> , 2018, 91, e2045-e2056.	1.1	111
42	Urothelial bladder cancer may suppress perforin expression in CD8+ T cells by an ICAM-1/TGF β 2 mediated pathway. <i>PLoS ONE</i> , 2018, 13, e0200079.	2.5	24
43	Neurocognitive Profiles of Older Adults with Working-Memory Dysfunction. <i>Cerebral Cortex</i> , 2018, 28, 2525-2539.	2.9	25
44	Increased CD4+ T cell lineage commitment determined by CpG methylation correlates with better prognosis in urinary bladder cancer patients. <i>Clinical Epigenetics</i> , 2018, 10, 102.	4.1	24
45	Self-rated intensity of habitual physical activities is positively associated with dopamine D2/3 receptor availability and cognition. <i>NeuroImage</i> , 2018, 181, 605-616.	4.2	29
46	Neoadjuvant Chemotherapy Reinforces Antitumour T cell Response in Urothelial Urinary Bladder Cancer. <i>European Urology</i> , 2018, 74, 688-692.	1.9	28
47	Alterations in white matter microstructure are associated with goal-directed upper limb movement segmentation in children born extremely preterm. <i>Human Brain Mapping</i> , 2017, 38, 5051-5068.	3.6	5
48	Identifying critical steps towards improved access to innovation in cancer care: a European CanCer Organisation position paper. <i>European Journal of Cancer</i> , 2017, 82, 193-202.	2.8	25
49	Sentinel node detection in muscle-invasive urothelial bladder cancer is feasible after neoadjuvant chemotherapy in all pT stages, a prospective multicenter report. <i>World Journal of Urology</i> , 2017, 35, 921-927.	2.2	14
50	Does Aerobic Exercise Influence Intrinsic Brain Activity? An Aerobic Exercise Intervention among Healthy Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 267.	3.4	49
51	Decrease in bone mineral density during three months after diagnosis of early rheumatoid arthritis measured by digital X-ray radiogrammetry predicts radiographic joint damage after one year. <i>Arthritis Research and Therapy</i> , 2017, 19, 195.	3.5	18
52	Attenuation of dopamine-modulated prefrontal value signals underlies probabilistic reward learning deficits in old age. <i>ELife</i> , 2017, 6, .	6.0	37
53	The accuracy of quantitative parameters in ^{99m}Tc -MAG-3 dynamic renography: a national audit based on virtual image data. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 146-154.	1.2	8
54	Dopamine D2 receptor availability is linked to hippocampal-caudate functional connectivity and episodic memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7918-7923.	7.1	135

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55	Aerobic Exercise Intervention, Cognitive Performance, and Brain Structure: Results from the Physical Influences on Brain in Aging (PHIBRA) Study. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 336.	3.4	167
56	¹¹ C-Acetate-PET/CT Compared to ^{99m} Tc-HDP Bone Scintigraphy in Primary Staging of High-risk Prostate Cancer. <i>Anticancer Research</i> , 2016, 36, 6475-6480.	1.1	8
57	Accuracy of Visual Assessment of Dopamine Transporter Imaging in Early Parkinsonism. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 17-23.	1.5	9
58	COBRA: A prospective multimodal imaging study of dopamine, brain structure and function, and cognition. <i>Brain Research</i> , 2015, 1612, 83-103.	2.2	67
59	Evaluation of inter-departmental variability of ejection fraction and cardiac volumes in myocardial perfusion scintigraphy using simulated data. <i>EJNMMI Physics</i> , 2015, 2, 2.	2.7	6
60	Genome wide expression analysis of radiation-induced DNA damage responses in isogenic HCT116 p53 ^{+/+} and HCT116 p53 ^{Δ^{+/Δ}} colorectal carcinoma cell lines. <i>International Journal of Radiation Biology</i> , 2015, 91, 99-111.	1.8	11
61	The Role of Imaging Specialists as Authors of Systematic Reviews on Diagnostic and Interventional Imaging and Its Impact on Scientific Quality: Report from the EuroAIM Evidence-based Radiology Working Group. <i>Radiology</i> , 2014, 272, 533-540.	7.3	33
62	¹¹ C-acetate PET/CT in pre-therapeutic lymph node staging in high-risk prostate cancer patients and its influence on disease management - a retrospective study. <i>EJNMMI Research</i> , 2014, 4, 55.	2.5	7
63	Dopamine release in nucleus accumbens during rewarded task switching measured by [¹¹ C]raclopride. <i>NeuroImage</i> , 2014, 99, 357-364.	4.2	34
64	Alterations in gene expression during radiation-induced mitotic catastrophe in HeLa Hep2 cells. <i>Anticancer Research</i> , 2014, 34, 3875-80.	1.1	3
65	The Role of Imaging in Nuclear Medicine: The Medical Perspective. , 2013, , 7-18.		0
66	Evaluation of an attenuation correction method for PET/MR imaging of the head based on substitute CT images. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 127-136.	2.0	41
67	Pre- and Postsynaptic Dopamine SPECT in Idiopathic Parkinsonian Diseases: A Follow-Up Study. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	14
68	¹²³ I-FP-Cit and ¹²³ I-IBZM SPECT uptake in a prospective normal material analysed with two different semiquantitative image evaluation tools. <i>Nuclear Medicine Communications</i> , 2013, 34, 978-989.	1.1	21
69	Subcentimeter Tumor Lesion Delineation for High-Resolution ¹⁸ F-FDG PET Images: Optimizing Correction for Partial-Volume Effects. <i>Journal of Nuclear Medicine Technology</i> , 2013, 41, 85-91.	0.8	24
70	Cross-camera comparison of ROI-based semi-quantitative ¹²³ I-IBZM SPECT data in healthy volunteers using an anthropomorphic phantom for calibration. <i>Acta Radiologica</i> , 2013, 54, 549-556.	1.1	0
71	Optimal contrast as a function of noise for Butterworth filtering of ¹¹¹ In-pentetreotide SPECT when using model-based compensation. , 2013, , .		0
72	Rotation Radius Dependence of ¹²³ I-FP-CIT and ¹²³ I-IBZM SPECT Uptake Ratios: A Monte Carlo Study. <i>Journal of Nuclear Medicine Technology</i> , 2012, 40, 249-254.	0.8	10

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73	Reducing scanning time to 50% for ^{111}In pentetreotide SPECT when using model-based compensation. , 2012, , .		1
74	Functional brain activity and presynaptic dopamine uptake in patients with Parkinson's disease and mild cognitive impairment: a cross-sectional study. Lancet Neurology, The, 2012, 11, 679-687.	10.2	137
75	Memory aging and brain maintenance. Trends in Cognitive Sciences, 2012, 16, 292-305.	7.8	916
76	Gene expression profiling in MOLT-4 cells during gamma-radiation-induced apoptosis. Tumor Biology, 2012, 33, 689-700.	1.8	13
77	Sentinel node detection in renal cell carcinoma. A feasibility study for detection of tumour-draining lymph nodes. BJU International, 2012, 109, 1134-1139.	2.5	29
78	^1H HRMAS NMR Derived Bio-markers Related to Tumor Grade, Tumor Cell Fraction, and Cell Proliferation in Prostate Tissue Samples. Biomarker Insights, 2011, 6, BMI.S6794.	2.5	45
79	Pre- and postsynaptic dopamine SPECT in the early phase of idiopathic parkinsonism: a population-based study. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 2154-2164.	6.4	43
80	Dopamine D2 receptor SPECT with ^{123}I -IBZM: evaluation of collimator and post-filtering when using model-based compensation—a Monte Carlo study. Physics in Medicine and Biology, 2010, 55, 1971-1988.	3.0	10
81	Detection of polyunsaturated omega-6 fatty acid in human malignant prostate tissue by 1D and 2D high-resolution magic angle spinning NMR spectroscopy. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2009, 22, 327-331.	2.0	22
82	Degenerative changes were common in brain magnetic resonance imaging in patients with newly diagnosed Parkinson's disease in a population-based cohort. Journal of Neurology, 2009, 256, 1671-1680.	3.6	18
83	Striatal dopamine D2 binding is related to frontal BOLD response during updating of long-term memory representations. NeuroImage, 2009, 46, 1194-1199.	4.2	38
84	Apoptotic signalling in HeLa Hep2 cells following 5 Gy of cobalt-60 gamma radiation. Anticancer Research, 2009, 29, 4361-6.	1.1	10
85	Temporal dynamics of basal ganglia under-recruitment in Parkinson's disease: transient caudate abnormalities during updating of working memory. Brain, 2008, 132, 336-346.	7.6	61
86	Iodine-131 Induces Mitotic Catastrophes and Activates Apoptotic Pathways in HeLa Hep2 Cells. Cancer Biotherapy and Radiopharmaceuticals, 2008, 23, 541-550.	1.0	16
87	Radiation Induced Cell Deaths. , 2008, , 215-248.		3
88	Therapeutically Used Targeted Antigens in Radioimmunotherapy. , 2008, , 13-23.		3
89	Targeting Tumours with Radiolabeled Antibodies. , 2008, , 59-76.		2
90	Cancer Stem Cells and Radiation. , 2008, , 285-293.		0

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91	Radiation Induced DNA Damage Checkpoints. , 2008, , 267-284.		0
92	Gaussian prefiltering of ¹²³ I DAT SPECT images when using depth-independent resolution recovery. Physics in Medicine and Biology, 2007, 52, N393-N399.	3.0	5
93	1-[11C]-acetate PET imaging in head and neck cancer—a comparison with 18F-FDG-PET: implications for staging and radiotherapy planning. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 651-657.	6.4	28
94	In vivo clearing of idiotypic antibodies with antiidiotypic antibodies and their derivatives. Molecular Immunology, 2006, 43, 599-606.	2.2	9
95	Optimizing the Generation of Recombinant Single-Chain Antibodies Against Placental Alkaline Phosphatase. Hybridoma, 2006, 25, 181-192.	0.4	15
96	Altered cerebral blood flow in chronic neck pain patients but not in whiplash patients: a 99mTc-HMPAO rCBF study. European Spine Journal, 2006, 15, 1189-1195.	2.2	26
97	Correction for scatter and septal penetration using convolution subtraction methods and model-based compensation in ¹²³ I brain SPECT imaging—a Monte Carlo study. Physics in Medicine and Biology, 2006, 51, 5753-5767.	3.0	13
98	Construction and Purification of a Covalently Linked Divalent Tandem Single-Chain Fv Antibody Against Placental Alkaline Phosphatase. Hybridoma, 2006, 25, 255-263.	0.4	5
99	Treatment of chronic stress in employees: Subjective, cognitive and neural correlates. Scandinavian Journal of Psychology, 2005, 46, 395-402.	1.5	21
100	Visual consciousness: Dissociating the neural correlates of perceptual transitions from sustained perception with fMRI. Consciousness and Cognition, 2004, 13, 61-72.	1.5	19
101	Iodine-131 induces Mitotic Catastrophes and Activates Apoptotic Pathways in HeLa Hep2 Cells. Cancer Biotherapy and Radiopharmaceuticals, 0, , 1-10.	1.0	2