

# Johan Lundberg

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

2,150  
citations

201674

27  
h-index

254184

43  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in the serotonin 1A receptor and serotonin transporter binding in the human brain measured by PET. <i>NeuroImage</i> , 2008, 39, 1408-1419.	4.2	190
2	Nervous System Involvement in Coronavirus Disease 2019: Results from a Retrospective Consecutive Neuroimaging Cohort. <i>Radiology</i> , 2020, 297, E324-E334.	7.3	94
3	Serotonin transporter genotype is associated with cognitive performance but not regional 5-HT1A receptor binding in humans. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 783.	2.1	87
4	A PET study of 5-HT1A receptors at different phases of the menstrual cycle in women with premenstrual dysphoria. <i>Psychiatry Research - Neuroimaging</i> , 2006, 148, 185-193.	1.8	86
5	Quantification of 11C-MADAM binding to the serotonin transporter in the human brain. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1505-15.	5.0	76
6	COVID-19 pathophysiology may be driven by an imbalance in the renin-angiotensin-aldosterone system. <i>Nature Communications</i> , 2021, 12, 2417.	12.8	75
7	5-HTT and 5-HT1A receptor occupancy of the novel substance vortioxetine (Lu AA21004). A PET study in control subjects. <i>European Neuropsychopharmacology</i> , 2013, 23, 1190-1198.	0.7	67
8	Electroconvulsive Therapy in Sweden 2013. <i>Journal of ECT</i> , 2015, 31, 263-267.	0.6	67
9	Reduced 5-HT1B receptor binding in the dorsal brain stem after cognitive behavioural therapy of major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 164-170.	1.8	61
10	[11C]MADAM, a new serotonin transporter radioligand characterized in the monkey brain by PET. <i>Synapse</i> , 2005, 58, 173-183.	1.2	56
11	Diurnal and seasonal variation of the brain serotonin system in healthy male subjects. <i>NeuroImage</i> , 2015, 112, 225-231.	4.2	56
12	The 5-HT1B receptor - a potential target for antidepressant treatment. <i>Psychopharmacology</i> , 2018, 235, 1317-1334.	3.1	56
13	Genetic Variation in Brain-Derived Neurotrophic Factor Is Associated with Serotonin Transporter but Not Serotonin-1A Receptor Availability in Men. <i>Biological Psychiatry</i> , 2009, 66, 477-485.	1.3	53
14	Self-assessed remission rates after electroconvulsive therapy of depressive disorders. <i>European Psychiatry</i> , 2017, 45, 154-160.	0.2	51
15	Targeted Intra-arterial Transplantation of Stem Cells to the Injured CNS is more Effective than Intravenous Administration: Engraftment is Dependent on Cell Type and Adhesion Molecule Expression. <i>Cell Transplantation</i> , 2012, 21, 333-343.	2.5	50
16	Venlafaxine ER Blocks the Norepinephrine Transporter in the Brain of Patients with Major Depressive Disorder: a PET Study Using [18F]FMENER-D2. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 278-285.	2.1	50
17	Measurement of serotonin transporter binding with PET and [11C]MADAM: A test-retest reproducibility study. <i>Synapse</i> , 2006, 60, 256-263.	1.2	47
18	A randomized placebo-controlled PET study of ketamine's effect on serotonin1B receptor binding in patients with SSRI-resistant depression. <i>Translational Psychiatry</i> , 2020, 10, 159.	4.8	46

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19	PET measurement of serotonin transporter occupancy: a comparison of escitalopram and citalopram. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 777-85.	2.1	45
20	Subjective Memory Immediately Following Electroconvulsive Therapy. <i>Journal of ECT</i> , 2017, 33, 96-103.	0.6	43
21	Neuroinflammation in Response to Intracerebral Injections of Different HMGB1 Redox Isoforms. <i>Journal of Innate Immunity</i> , 2018, 10, 215-227.	3.8	41
22	GABA <sub>A</sub> receptor availability is not altered in adults with autism spectrum disorder or in mouse models. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	41
23	Traumatic brain injury induces relocalization of DNA-methyltransferase 1. <i>Neuroscience Letters</i> , 2009, 457, 8-11.	2.1	40
24	Improvement of postpartum depression and psychosis after electroconvulsive therapy: A population-based study with a matched comparison group. <i>Journal of Affective Disorders</i> , 2018, 235, 258-264.	4.1	40
25	Serotonin transporter occupancy with TCAs and SSRIs: a PET study in patients with major depressive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1167-1172.	2.1	38
26	Validity and reliability of extrastriatal [ <sup>11</sup> C]raclopride binding quantification in the living human brain. <i>NeuroImage</i> , 2019, 202, 116143.	4.2	36
27	A PET study on regional coexpression of 5-HT <sub>1A</sub> receptors and 5-HTT in the human brain. <i>Psychopharmacology</i> , 2007, 195, 425-433.	3.1	35
28	Perlecan heparan sulfate deficiency impairs pulmonary vascular development and attenuates hypoxic pulmonary hypertension. <i>Cardiovascular Research</i> , 2015, 107, 20-31.	3.8	30
29	Endovascular transplantation of stem cells to the injured rat CNS. <i>Neuroradiology</i> , 2009, 51, 661-667.	2.2	28
30	Serotonin transporter availability in adults with autism—a positron emission tomography study. <i>Molecular Psychiatry</i> , 2021, 26, 1647-1658.	7.9	27
31	Imaging of a Clinically Relevant Stroke Model. <i>Stroke</i> , 2015, 46, 835-842.	2.0	26
32	Electroconvulsive therapy in bipolar depression — effectiveness and prognostic factors. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 196-204.	4.5	25
33	Search for correlations between serotonin 5-HT <sub>1A</sub> receptor expression and cognitive functions—a strategy in translational psychopharmacology. <i>Psychopharmacology</i> , 2006, 185, 389-394.	3.1	22
34	Distinct regional age effects on [ <sup>11</sup> C]AZ10419369 binding to 5-HT <sub>1B</sub> receptors in the human brain. <i>NeuroImage</i> , 2014, 103, 303-308.	4.2	21
35	Low serotonin <sub>1B</sub> receptor binding potential in the anterior cingulate cortex in drug-free patients with recurrent major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 253, 36-42.	1.8	21
36	Influence of growth hormone on circulating fibroblast growth factor 21 levels in humans. <i>Journal of Internal Medicine</i> , 2013, 274, 227-232.	6.0	19

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37	Serotonin transporter availability increases in patients recovering from a depressive episode. <i>Translational Psychiatry</i> , 2021, 11, 264.	4.8	19
38	Distribution and levels of 5-HT 1B receptors in anterior cingulate cortex of patients with bipolar disorder, major depressive disorder and schizophrenia – An autoradiography study. <i>European Neuropsychopharmacology</i> , 2017, 27, 504-514.	0.7	18
39	Rehospitalization and suicide following electroconvulsive therapy for bipolar depression – A population-based register study. <i>Journal of Affective Disorders</i> , 2018, 226, 146-154.	4.1	18
40	Electroconvulsive Therapy in Depression. <i>Journal of ECT</i> , 2020, 36, 242-246.	0.6	15
41	Functional and Structural Alterations in the Cingulate Motor Area Relate to Decreased Fronto-Striatal Coupling in Major Depressive Disorder with Psychomotor Disturbances. <i>Frontiers in Psychiatry</i> , 2014, 5, 176.	2.6	14
42	Feasibility of unconstrained three-material decomposition: imaging an excised human heart using a prototype silicon photon-counting CT detector. <i>European Radiology</i> , 2020, 30, 5904-5912.	4.5	14
43	Lithium for suicide and readmission prevention after electroconvulsive therapy for unipolar depression: population-based register study. <i>BJPsych Open</i> , 2019, 5, e46.	0.7	12
44	Transplantation of Autologous Minced Bladder Mucosa for a One-Step Reconstruction of a Tissue Engineered Bladder Conduit. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	11
45	Myocardial micro-biopsy procedure for molecular characterization with increased precision and reduced trauma. <i>Scientific Reports</i> , 2020, 10, 8029.	3.3	11
46	Low convergent validity of [ <sup>11</sup> C]raclopride binding in extrastriatal brain regions: A PET study of within-subject correlations with [ <sup>11</sup> C]FLB 457. <i>NeuroImage</i> , 2021, 226, 117523.	4.2	11
47	New Endovascular Method for Transvascular Exit of Arteries and Veins: Developed in Simulator, in Rat and in Rabbit with Full Clinical Integration. <i>PLoS ONE</i> , 2010, 5, e10449.	2.5	11
48	Suicidal ideation and ECT, ECT and suicidal ideation: A register study. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 74-84.	4.5	11
49	Rehospitalization of Postpartum Depression and Psychosis After Electroconvulsive Therapy. <i>Journal of ECT</i> , 2019, 35, 264-271.	0.6	9
50	[ <sup>11</sup> C]raclopride positron emission tomography study of dopamine D <sub>2/3</sub> receptor binding in patients with severe major depressive episodes before and after electroconvulsive therapy and compared to control subjects. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 263-269.	1.8	9
51	Plasma Levels of Brain-Derived Neurotrophic Factor and S100B in Relation to Antidepressant Response to Ketamine. <i>Frontiers in Neuroscience</i> , 2021, 15, 698633.	2.8	9
52	Endovascular Method for Transplantation of Insulin-Producing Cells to the Pancreas Parenchyma in Swine. <i>American Journal of Transplantation</i> , 2014, 14, 694-700.	4.7	8
53	Improvement of cycloid psychosis following electroconvulsive therapy. <i>Nordic Journal of Psychiatry</i> , 2017, 71, 405-410.	1.3	8
54	Joint explorative analysis of neuroreceptor subsystems in the human brain: application to receptor?transporter correlation using PET data. <i>Neurochemistry International</i> , 2004, 45, 773-781.	3.8	7

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55	Validity of diagnoses, treatment dates, and rating scales in the Swedish national quality register for electroconvulsive therapy. <i>Nordic Journal of Psychiatry</i> , 2022, 76, 96-103.	1.3	7
56	Long Term Follow-Up of the Endovascular Trans-Vessel Wall Technique for Parenchymal Access in Rabbit with Full Clinical Integration. <i>PLoS ONE</i> , 2011, 6, e23328.	2.5	6
57	No correlation between serotonin and its metabolite 5-HIAA in the cerebrospinal fluid and [11C]AZ10419369 binding measured with PET in healthy volunteers. <i>Synapse</i> , 2014, 68, 480-483.	1.2	6
58	Superselective endovascular tissue access using transvessel wall technique: feasibility study for treatment applications in heart, pancreas and kidney in swine. <i>Journal of Internal Medicine</i> , 2019, 285, 398-406.	6.0	6
59	The effect of levosimendan on survival and cardiac performance in an ischemic cardiac arrest model – A blinded randomized placebo-controlled study in swine. <i>Resuscitation</i> , 2020, 150, 113-120.	3.0	6
60	Clinical and societal burden of incident major depressive disorder: A population-wide cohort study in Stockholm. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 51-63.	4.5	6
61	Predictors of Treatment Response to Electroconvulsive Therapy in Schizophrenia – A Nationwide Registry-Based Study. <i>Schizophrenia Bulletin Open</i> , 2020, 1, .	1.7	5
62	The Incidence of Dental Fracturing in Electroconvulsive Therapy in Sweden. <i>Journal of ECT</i> , 2020, 36, 168-171.	0.6	5
63	Relapse risk after in-ward electroconvulsive therapy for acute polymorphic psychotic disorder. <i>Nordic Journal of Psychiatry</i> , 2021, 75, 201-206.	1.3	4
64	P11 (S100A10) as a potential predictor of ketamine response in patients with SSRI-resistant depression. <i>Journal of Affective Disorders</i> , 2021, 290, 240-244.	4.1	4
65	Patterns of activity correlate with symptom severity in major depressive disorder patients. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	4
66	Access to the brain parenchyma using endovascular techniques and a micro-working channel. <i>Journal of Neurosurgery</i> , 2017, 126, 511-517.	1.6	3
67	Treatment with angiotensin II in COVID-19 patients may not be beneficial. <i>Critical Care</i> , 2020, 24, 546.	5.8	3
68	Superselective intra-arterial umbilical cord blood administration to BM in experimental animals. <i>Bone Marrow Transplantation</i> , 2014, 49, 1486-1491.	2.4	2
69	Liver parenchyma access and lesion marker via the endovascular route. <i>Journal of Surgical Research</i> , 2015, 195, 488-494.	1.6	2
70	In response to the letter – [11C]raclopride and extrastriatal binding to D2/3 receptors. <i>NeuroImage</i> , 2020, 207, 116371.	4.2	2
71	The Effect of Pulse Width on Subjective Memory Impairment and Remission Rate 6 Months After Electroconvulsive Therapy. <i>Journal of ECT</i> , 2020, 36, 272-278.	0.6	2
72	Repetitive transcranial magnetic stimulation in major depression. <i>Medicine (United States)</i> , 2021, 100, e25273.	1.0	2

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73	Associations between cognition and serotonin receptor 1B binding in patients with major depressive disorder – A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 267, 15-21.	1.8	1
74	The creation of an endovascular exit through the vessel wall using a minimally invasive working channel in order to reach all human organs. <i>Journal of Internal Medicine</i> , 2019, 286, 309-316.	6.0	1
75	Physician estimated vs. self-reported subjective memory in depressed patients treated with electroconvulsive therapy. <i>Nordic Journal of Psychiatry</i> , 2020, 74, 359-365.	1.3	1
76	Micro-biopsy for detection of gene expression changes in ischemic swine myocardium: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0250582.	2.5	1
77	Serotonin 1B receptor density mapping of the human brainstem using positron emission tomography and autoradiography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, , 0271678X2110491.	4.3	1
78	Safety evaluation of high-risk myocardial micro-biopsy in a swine model. <i>Heart and Vessels</i> , 2021, , 1.	1.2	1
79	The Use of Levosimendan after Out-of-Hospital Cardiac Arrest and Its Association with Outcome – An Observational Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2621.	2.4	1
80	In vivo correlation of serotonin transporter and 1B receptor availability in the human brain: a PET study. <i>Neuropsychopharmacology</i> , 2022, 47, 1863-1868.	5.4	1
81	S.07.04 Gender differences in the 5-HT1A receptor and serotonin transporter in the human brain: a PET study. <i>European Neuropsychopharmacology</i> , 2007, 17, S186-S186.	0.7	0
82	A multicenter positron emission tomography study of GABA receptor availability in adults with autism. <i>European Neuropsychopharmacology</i> , 2017, 27, S716-S717.	0.7	0
83	Social cognition in autism spectrum disorder is associated with brain serotonin transporter availability. <i>European Neuropsychopharmacology</i> , 2017, 27, S741-S742.	0.7	0
84	P2790 Novel endomyocardial micro-biopsy device for higher precision and reduced complication risks. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
85	P.0871 Epidemiology of major depression and intentional self-harm from a total-population cohort in the greater Stockholm region. <i>European Neuropsychopharmacology</i> , 2021, 53, S636-S637.	0.7	0