Sudhakar Selvaraj

List of Publications by Year in Descending Order

106 papers	3,551 citations	33 h-index	59 g-index
119 ext. papers	4,397 ext. citations	6.7 avg, IF	5.21 L-index

#	Paper	IF	Citations
106	Alterations in brain synaptic proteins and mRNAs in mood disorders: a systematic review and meta-analysis of postmortem brain studies.. *Molecular Psychiatry*, **2022**,	15.1	0
105	Effects of escitalopram therapy on functional brain controllability in major depressive disorder.. *Journal of Affective Disorders*, **2022**, 310, 68-74	6.6	0
104	Mobile Health Applications for Postpartum Depression Management: A Theory-Informed Analysis of Change-Use-Engagement (CUE) Criteria in the Digital Environment. *Studies in Health Technology and Informatics*, **2022**,	0.5	0
103	Prescription fill patterns for benzodiazepine and opioid drugs during the COVID-19 pandemic in the United States. *Drug and Alcohol Dependence*, **2021**, 229, 109176	4.9	3
102	White matter microstructure associated with anhedonia among individuals with bipolar disorders and high-risk for bipolar disorders.. *Journal of Affective Disorders*, **2021**, 300, 91-91	6.6	0
101	Revisiting monoamine oxidase inhibitors for the treatment of depressive disorders: A systematic review and network meta-analysis. *Journal of Affective Disorders*, **2021**, 282, 1153-1160	6.6	9
100	Digital Technology Needs in Maternal Mental Health: A Qualitative Inquiry. *Studies in Health Technology and Informatics*, **2021**, 281, 979-983	0.5	2
99	Journal Metrics in Psychiatry: What do the rankings tell us?. *Journal of Affective Disorders*, **2021**, 287, 354-358	6.6	3
98	Correlations between peripheral levels of inflammatory mediators and frontolimbic structures in bipolar disorder: an exploratory analysis. *CNS Spectrums*, **2021**, 1-6	1.8	
97	The impact of early life stress and immune challenge on behavior and glia cells alteration in late adolescent rats. *International Journal of Developmental Neuroscience*, **2021**, 81, 407-415	2.7	1
96	Brain Imaging and the Mechanisms of Antidepressant Action **2021**, 248-260		
95	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders **2021**, 39-48		
94	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder **2021**, 236-247		
93	Magnetoencephalography Studies in Mood Disorders **2021**, 192-205		
92	Functional Near-Infrared Spectroscopy Studies in Mood Disorders **2021**, 166-174		
91	Neuroimaging Studies of Effects of Psychotherapy in Depression **2021**, 261-272		
90	Neuroimaging Brain Inflammation in Mood Disorders **2021**, 121-134		

89	An Overview of Machine Learning Applications in Mood Disorders **2021**, 206-218		
88	Electrophysiological Biomarkers for Mood Disorders **2021**, 175-191		1
87	Neuroanatomical Findings in Bipolar Disorder **2021**, 16-27		
86	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders **2021**, 105-120		
85	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders **2021**, 83-104		
84	Brain Imaging Methods in Mood Disorders **2021**, 1-6		
83	Effects of Lithium on Brain Structure in Bipolar Disorder **2021**, 219-235		
82	A meta-analysis of the global impact of the COVID-19 pandemic on stroke care & the Houston Experience. *Annals of Clinical and Translational Neurology*, **2021**, 8, 929-937	5.3	8
81	Angiogenic gene networks are dysregulated in opioid use disorder: evidence from multi-omics and imaging of postmortem human brain. *Molecular Psychiatry*, **2021**,	15.1	4
80	Early screening for post-stroke depression, and the effect on functional outcomes, quality of life and mortality: a protocol for a systematic review and meta-analysis. *BMJ Open*, **2021**, 11, e050451	3	1
79	A narrative review on invasive brain stimulation for treatment-resistant depression. *Revista Brasileira De Psiquiatria*, **2021**,	2.6	1
78	Brain controllability distinctiveness between depression and cognitive impairment. *Journal of Affective Disorders*, **2021**, 294, 847-856	6.6	4
77	Neuroimaging Biomarkers in Pediatric Mood Disorders **2021**, 28-38		
76	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus **2021**, 7-15		
75	Functional Connectome in Bipolar Disorder **2021**, 59-82		
74	Resting-State Functional Connectivity in Unipolar Depression **2021**, 49-58		
73	Imaging Genetic and Epigenetic Markers in Mood Disorders **2021**, 135-150		
72	fMRI Neurofeedback as Treatment for Depression **2021**, 151-165		

71	Eotaxin-1/CCL11 correlates with left superior temporal gyrus in bipolar disorder: A preliminary report suggesting accelerated brain aging. *Journal of Affective Disorders*, **2020**, 273, 592-596	6.6	4
70	Development of Brain Structural Networks Over Age 8: A Preliminary Study Based on Diffusion Weighted Imaging. *Frontiers in Aging Neuroscience*, **2020**, 12, 61	5.3	3
69	Risk of Depression in the Adolescent and Adult Offspring of Mothers With Perinatal Depression: A Systematic Review and Meta-analysis. *JAMA Network Open*, **2020**, 3, e208783	10.4	15
68	Stress, inflammation and hippocampal subfields in depression: A 7 Tesla MRI Study. *Translational Psychiatry*, **2020**, 10, 78	8.6	11
67	An EEG-fNIRS hybridization technique in the four-class classification of alzheimer's disease. *Journal of Neuroscience Methods*, **2020**, 336, 108618	3	22
66	Development of the National Network of Depression Centers Mood Outcomes Program: A Multisite Platform for Measurement-Based Care. *Psychiatric Services*, **2020**, 71, 456-464	3.3	11
65	Anesthesia for patients with psychiatric illnesses: a narrative review with emphasis on preoperative assessment and postoperative recovery and pain. *Minerva Anestesiologica*, **2020**, 86, 1089-1102	1.9	3
64	Perinatal Psychiatry: Ready for Prime Time?. *Agents and Actions Supplements*, **2020**, 1-9	0.2	
63	Neuroinflammation trajectories precede cognitive impairment after experimental meningitis-evidence from an in vivo PET study. *Journal of Neuroinflammation*, **2020**, 17, 5	10.1	9
62	Effect of immune activation on the kynurenine pathway and depression symptoms - A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2020**, 118, 514-523	9	35
61	Tapering of SSRI treatment to mitigate withdrawal symptoms. *Lancet Psychiatry,the*, **2019**, 6, 560-561	23.3	2
60	Maternal deprivation increases microglial activation and neuroinflammatory markers in the prefrontal cortex and hippocampus of infant rats. *Journal of Psychiatric Research*, **2019**, 115, 13-20	5.2	18
59	Neurophysiological Effect of Ketamine on Prefrontal Cortex in Treatment-Resistant Depression: A Combined Transcranial Magnetic Stimulation-Electroencephalography Study. *Chronic Stress*, **2019**, 3, 2470547019861417	3	0
58	Molecular Imaging of BloodBrain Barrier Permeability in Preclinical Models Using PET and SPECT. *Neuromethods*, **2019**, 329-342	0.4	1
57	Biomarkers for bipolar disorder: current status and challenges ahead. *Expert Review of Neurotherapeutics*, **2019**, 19, 67-81	4.3	48
56	The effects of serotonin modulation on medial prefrontal connectivity strength and stability: A pharmacological fMRI study with citalopram. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 84, 152-159	5.5	12
55	Brain TSPO imaging and gray matter volume in schizophrenia patients and in people at ultra high risk of psychosis: An [C]PBR28 study. *Schizophrenia Research*, **2018**, 195, 206-214	3.6	35
54	A longitudinal study on deep brain stimulation of the medial forebrain bundle for treatment-resistant depression. *Translational Psychiatry*, **2018**, 8, 111	8.6	42

53	A Double-Blind, Randomized, Placebo-Controlled Study of Aspirin and N-Acetylcysteine as Adjunctive Treatments for Bipolar Depression. *Journal of Clinical Psychiatry*, **2018**, 80,	4.6	23
52	Effect of Citalopram on Emotion Processing in Humans: A Combined 5-HT [C]CUMI-101 PET and Functional MRI Study. *Neuropsychopharmacology*, **2018**, 43, 655-664	8.7	34
51	GABA receptor availability is not altered in adults with autism spectrum disorder or in mouse models. *Science Translational Medicine*, **2018**, 10,	17.5	26
50	Role of Kynurenine pathway and its metabolites in mood disorders: A systematic review and meta-analysis of clinical studies. *Neuroscience and Biobehavioral Reviews*, **2018**, 92, 477-485	9	58
49	Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. *Molecular Psychiatry*, **2017**, 22, 1455-1463	15.1	284
48	Elevated Choline-Containing Compound Levels in Rapid Cycling Bipolar Disorder. *Neuropsychopharmacology*, **2017**, 42, 2252-2258	8.7	9
47	A multicenter positron emission tomography study of GABA receptor availability in adults with autism. *European Neuropsychopharmacology*, **2017**, 27, S716-S717	1.2	
46	Microglial Activity in People at Ultra High Risk of Psychosis and in Schizophrenia: An [(11)C]PBR28 PET Brain Imaging Study. *American Journal of Psychiatry*, **2016**, 173, 44-52	11.9	286
45	Response to Narendran and Frankle: The Interpretation of PET Microglial Imaging in Schizophrenia. *American Journal of Psychiatry*, **2016**, 173, 537-8	11.9	8
44	Deep brain stimulation of the medial forebrain bundle: Distinctive responses in resistant depression. *Journal of Affective Disorders*, **2016**, 203, 143-151	6.6	66
43	Reduced Inhibitory Control Mediates the Relationship Between Cortical Thickness in the Right Superior Frontal Gyrus and Body Mass Index. *Neuropsychopharmacology*, **2016**, 41, 2275-82	8.7	12
42	Stress and neuroinflammation: a systematic review of the effects of stress on microglia and the implications for mental illness. *Psychopharmacology*, **2016**, 233, 1637-50	4.7	288
41	Treatment-Resistant Schizophrenia Patients Show Elevated Anterior Cingulate Cortex Glutamate Compared to Treatment-Responsive. *Schizophrenia Bulletin*, **2016**, 42, 744-52	1.3	120
40	Evidence of altered membrane phospholipid metabolism in the anterior cingulate cortex and striatum of patients with bipolar disorder I: A multi-voxel (1)H MRS study. *Journal of Psychiatric Research*, **2016**, 81, 48-55	5.2	18
39	Inhibitory control in obesity and binge eating disorder: A systematic review and meta-analysis of neurocognitive and neuroimaging studies. *Neuroscience and Biobehavioral Reviews*, **2016**, 68, 714-726	9	179
38	Computational meta-analysis of statistical parametric maps in major depression. *Human Brain Mapping*, **2016**, 37, 1393-404	5.9	117
37	Prediction of pediatric unipolar depression using multiple neuromorphometric measurements: a pattern classification approach. *Journal of Psychiatric Research*, **2015**, 62, 84-91	5.2	22
36	Presynaptic Serotoninergic Regulation of Emotional Processing: A Multimodal Brain Imaging Study. *Biological Psychiatry*, **2015**, 78, 563-571	7.9	16

35	Development and validation of a brain maturation index using longitudinal neuroanatomical scans. *NeuroImage*, **2015**, 117, 311-8	7.9	25
34	The medial forebrain bundle as a deep brain stimulation target for treatment resistant depression: A review of published data. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 58, 59-70	5.5	29
33	Alterations in the serotonin system in schizophrenia: a systematic review and meta-analysis of postmortem and molecular imaging studies. *Neuroscience and Biobehavioral Reviews*, **2014**, 45, 233-45	9	129
32	Dopamine function in cigarette smokers: an [□F]-DOPA PET study. *Neuropsychopharmacology*, **2014**, 39, 2397-404	8.7	37
31	The predictive power of brain mRNA mappings for in vivo protein density: a positron emission tomography correlation study. *Journal of Cerebral Blood Flow and Metabolism*, **2014**, 34, 827-35	7.3	31
30	Dopamine transporter imaging: nonindependence of regional measures. *Molecular Psychiatry*, **2014**, 19, 964	15.1	1
29	The practical management of refractory schizophrenia--the Maudsley Treatment REview and Assessment Team service approach. *Acta Psychiatrica Scandinavica*, **2014**, 130, 427-38	6.5	25
28	The relationship between reward and punishment processing and the 5-HT1A receptor as shown by PET. *Psychopharmacology*, **2014**, 231, 2579-86	4.7	7
27	Grey matter differences in bipolar disorder: a meta-analysis of voxel-based morphometry studies. *Bipolar Disorders*, **2012**, 14, 135-45	3.8	216
26	Measuring endogenous changes in serotonergic neurotransmission in humans: a [11C]CUMI-101 PET challenge study. *Molecular Psychiatry*, **2012**, 17, 1254-60	15.1	56
25	Quantification of ligand PET studies using a reference region with a displaceable fraction: application to occupancy studies with [(11)C]-DASB as an example. *Journal of Cerebral Blood Flow and Metabolism*, **2012**, 32, 70-80	7.3	28
24	Short-term SSRI treatment normalises amygdala hyperactivity in depressed patients. *Psychological Medicine*, **2012**, 42, 2609-17	6.9	160
23	Effects of citalopram on serotonin neurotransmission. *Molecular Psychiatry*, **2012**, 17, 1143	15.1	1
22	Early increase in marker of neuronal integrity with antidepressant treatment of major depression: 1H-magnetic resonance spectroscopy of N-acetyl-aspartate. *International Journal of Neuropsychopharmacology*, **2012**, 15, 1541-6	5.8	24
21	From the prodrome to chronic schizophrenia: the neurobiology underlying psychotic symptoms and cognitive impairments. *Current Pharmaceutical Design*, **2012**, 18, 459-65	3.3	43
20	Serotonin and dopamine play complementary roles in gambling to recover losses. *Neuropsychopharmacology*, **2011**, 36, 402-10	8.7	58
19	Is clinical intervention in the ultra high risk phase effective?. *Revista Brasileira De Psiquiatria*, **2011**, 33 Suppl 2, s161-74	2.6	3
18	Decreased regional gray matter volume in SRallele carriers of the 5-HTTLPR triallelic polymorphism. *Molecular Psychiatry*, **2011**, 16, 471, 472-3	15.1	28

17	Carriage of the S? allele serotonin transporter polymorphisms (SLC6A4 insertion/deletion and rs25531) may influence brain morphology. *Molecular Psychiatry*, **2011**, 16, 471-471	15.1	8
16	Diminished brain 5-HT transporter binding in major depression: a positron emission tomography study with [11C]DASB. *Psychopharmacology*, **2011**, 213, 555-62	4.7	54
15	Presynaptic 5-HT1A is related to 5-HTT receptor density in the human brain. *Neuropsychopharmacology*, **2011**, 36, 2258-65	8.7	34
14	Increased neural response to fear in patients recovered from depression: a 3T functional magnetic resonance imaging study. *Psychological Medicine*, **2010**, 40, 425-32	6.9	54
13	Serotonin transporter polymorphisms (SLC6A4 insertion/deletion and rs25531) do not affect the availability of 5-HTT to [11C] DASB binding in the living human brain. *NeuroImage*, **2010**, 52, 50-4	7.9	80
12	Brain serotonin transporter binding in former users of MDMA (Ecstasy). *British Journal of Psychiatry*, **2009**, 194, 355-9	5.4	42
11	Normal glutamate but elevated myo-inositol in anterior cingulate cortex in recovered depressed patients. *Journal of Affective Disorders*, **2009**, 119, 186-9	6.6	33
10	Short-term antidepressant treatment modulates amygdala response to happy faces. *Psychopharmacology*, **2009**, 206, 197-204	4.7	78
9	The effect of ageing on grey and white matter reductions in schizophrenia. *Schizophrenia Research*, **2009**, 112, 7-13	3.6	35
8	Effects of citalopram infusion on the serotonin transporter binding of [11C]DASB in healthy controls. *Journal of Cerebral Blood Flow and Metabolism*, **2008**, 28, 1478-90	7.3	62
7	Erythropoietin improves mood and modulates the cognitive and neural processing of emotion 3 days post administration. *Neuropsychopharmacology*, **2008**, 33, 611-8	8.7	62
6	Differential effects of citalopram and reboxetine on cortical Glx measured with proton MR spectroscopy. *Journal of Psychopharmacology*, **2008**, 22, 473-6	4.6	35
5	Differential effects of erythropoietin on neural and cognitive measures of executive function 3 and 7 days post-administration. *Experimental Brain Research*, **2008**, 184, 313-21	2.3	44
4	Erythropoietin has no effect on hippocampal response during memory retrieval 3 days post-administration. *Psychopharmacology*, **2007**, 195, 451-3	4.7	10
3	Human 5-HT transporter availability predicts amygdala reactivity in vivo. *Journal of Neuroscience*, **2007**, 27, 9233-7	6.6	77
2	5-HTT binding in recovered depressed patients and healthy volunteers: a positron emission tomography study with [11C]DASB. *American Journal of Psychiatry*, **2007**, 164, 1858-65	11.9	62
1	Tryptophan depletion does not lower brain GABA levels in healthy volunteers. *Psychopharmacology*, **2006**, 187, 131-2	4.7	3