

# Shitij Kapur

## List of Publications by Citations

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303  
papers

33,154  
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93  
h-index

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319  
ext. papers

36,720  
ext. citations

5.8  
avg, IF

7.39  
L-index

#	Paper	IF	Citations
303	Psychosis as a state of aberrant salience: a framework linking biology, phenomenology, and pharmacology in schizophrenia. <i>American Journal of Psychiatry</i> , <b>2003</b> , 160, 13-23	11.9	1865
302	The dopamine hypothesis of schizophrenia: version III--the final common pathway. <i>Schizophrenia Bulletin</i> , <b>2009</b> , 35, 549-62	1.3	1721
301	Schizophrenia. <i>Lancet, The</i> , <b>2009</b> , 374, 635-45	40	1558
300	Grand challenges in global mental health. <i>Nature</i> , <b>2011</b> , 475, 27-30	50.4	1310
299	Does fast dissociation from the dopamine d(2) receptor explain the action of atypical antipsychotics?: A new hypothesis. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 360-9	11.9	990
298	Relationship between dopamine D(2) occupancy, clinical response, and side effects: a double-blind PET study of first-episode schizophrenia. <i>American Journal of Psychiatry</i> , <b>2000</b> , 157, 514-20	11.9	844
297	Why has it taken so long for biological psychiatry to develop clinical tests and what to do about it?. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1174-9	15.1	685
296	The nature of dopamine dysfunction in schizophrenia and what this means for treatment. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, 776-86		616
295	Age-related differences in neural activity during memory encoding and retrieval: a positron emission tomography study. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 391-400	6.6	607
294	Opposite effects of delta-9-tetrahydrocannabinol and cannabidiol on human brain function and psychopathology. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 764-74	8.7	481
293	Half a century of antipsychotics and still a central role for dopamine D2 receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2003</b> , 27, 1081-90	5.5	445
292	CNVs conferring risk of autism or schizophrenia affect cognition in controls. <i>Nature</i> , <b>2014</b> , 505, 361-6	50.4	444
291	Antipsychotic dosing in preclinical models is often unrepresentative of the clinical condition: a suggested solution based on in vivo occupancy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 305, 625-31	4.7	398
290	Direct activation of the ventral striatum in anticipation of aversive stimuli. <i>Neuron</i> , <b>2003</b> , 40, 1251-7	13.9	372
289	From dopamine to salience to psychosis--linking biology, pharmacology and phenomenology of psychosis. <i>Schizophrenia Research</i> , <b>2005</b> , 79, 59-68	3.6	367
288	NMDA receptor antagonists ketamine and PCP have direct effects on the dopamine D(2) and serotonin 5-HT(2)receptors-implications for models of schizophrenia. <i>Molecular Psychiatry</i> , <b>2002</b> , 7, 837-44	15.1	360
287	Delayed-onset hypothesis of antipsychotic action: a hypothesis tested and rejected. <i>Archives of General Psychiatry</i> , <b>2003</b> , 60, 1228-35		337

286	5-HT <sub>2</sub> and D <sub>2</sub> receptor occupancy of olanzapine in schizophrenia: a PET investigation. <i>American Journal of Psychiatry</i> , <b>1998</b> , 155, 921-8	11.9	308
285	Dopamine D <sub>2</sub> receptors and their role in atypical antipsychotic action: still necessary and may even be sufficient. <i>Biological Psychiatry</i> , <b>2001</b> , 50, 873-83	7.9	294
284	Cannabidiol inhibits THC-elicited paranoid symptoms and hippocampal-dependent memory impairment. <i>Journal of Psychopharmacology</i> , <b>2013</b> , 27, 19-27	4.6	287
283	Role of the dopaminergic system in depression. <i>Biological Psychiatry</i> , <b>1992</b> , 32, 1-17	7.9	277
282	Functional role of the prefrontal cortex in retrieval of memories: a PET study. <i>NeuroReport</i> , <b>1995</b> , 6, 1880-4	4	276
281	Atypical antipsychotics: new directions and new challenges in the treatment of schizophrenia. <i>Annual Review of Medicine</i> , <b>2001</b> , 52, 503-17	17.4	262
280	The seats of reason? An imaging study of deductive and inductive reasoning. <i>NeuroReport</i> , <b>1997</b> , 8, 1305-10	10	255
279	Neuroanatomical correlates of human reasoning. <i>Journal of Cognitive Neuroscience</i> , <b>1998</b> , 10, 293-302	3.1	255
278	Negative symptoms have greater impact on functioning than positive symptoms in schizophrenia: analysis of CATIE data. <i>Schizophrenia Research</i> , <b>2012</b> , 137, 147-50	3.6	234
277	Evidence for impaired cortical inhibition in schizophrenia using transcranial magnetic stimulation. <i>Archives of General Psychiatry</i> , <b>2002</b> , 59, 347-54		232
276	Dopamine synthesis capacity in patients with treatment-resistant schizophrenia. <i>American Journal of Psychiatry</i> , <b>2012</b> , 169, 1203-10	11.9	230
275	The acute effects of synthetic intravenous Delta9-tetrahydrocannabinol on psychosis, mood and cognitive functioning. <i>Psychological Medicine</i> , <b>2009</b> , 39, 1607-16	6.9	226
274	Adherence to treatment guidelines in clinical practice: study of antipsychotic treatment prior to clozapine initiation. <i>British Journal of Psychiatry</i> , <b>2012</b> , 201, 481-5	5.4	220
273	Antipsychotic treatment resistance in schizophrenia associated with elevated glutamate levels but normal dopamine function. <i>Biological Psychiatry</i> , <b>2014</b> , 75, e11-3	7.9	218
272	Increased dopamine D <sub>2</sub> receptor binding after long-term treatment with antipsychotics in humans: a clinical PET study. <i>Psychopharmacology</i> , <b>2000</b> , 152, 174-80	4.7	215
271	Radiosynthesis and evaluation of [11C]-(+)-4-propyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol as a potential radiotracer for in vivo imaging of the dopamine D <sub>2</sub> high-affinity state with positron emission tomography. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 4153-60	8.3	207
270	Differential effects of aripiprazole on D <sub>2</sub> , 5-HT <sub>2</sub> , and 5-HT <sub>1A</sub> receptor occupancy in patients with schizophrenia: a triple tracer PET study. <i>American Journal of Psychiatry</i> , <b>2007</b> , 164, 1411-7	11.9	205
269	Schizophrenia: more dopamine, more D <sub>2</sub> receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 7673-5	11.5	205

268	The role of the left prefrontal cortex in verbal processing: semantic processing or willed action?. <i>NeuroReport</i> , <b>1994</b> , 5, 2193-6	1.7	205
267	"Breakthrough" dopamine supersensitivity during ongoing antipsychotic treatment leads to treatment failure over time. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 2979-86	6.6	200
266	The effect of paroxetine on 5-HT(2A) receptors in depression: an [(18)F]setoperone PET imaging study. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 78-85	11.9	189
265	Dopamine D(2) receptor occupancy is a common mechanism underlying animal models of antipsychotics and their clinical effects. <i>Neuropsychopharmacology</i> , <b>2001</b> , 25, 633-41	8.7	187
264	Mechanisms underlying psychosis and antipsychotic treatment response in schizophrenia: insights from PET and SPECT imaging. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 2550-9	3.3	181
263	Functional Neuroanatomy of Recall and Recognition: A PET Study of Episodic Memory. <i>Journal of Cognitive Neuroscience</i> , <b>1997</b> , 9, 254-65	3.1	181
262	The effects of divided attention on encoding- and retrieval-related brain activity: A PET study of younger and older adults. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 775-92	3.1	179
261	Dissociation between in vivo occupancy and functional antagonism of dopamine D2 receptors: comparing aripiprazole to other antipsychotics in animal models. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 1854-63	8.7	177
260	Elevation of prolactin levels by atypical antipsychotics. <i>American Journal of Psychiatry</i> , <b>2002</b> , 159, 133-5	11.9	174
259	Dopamine specifically inhibits forebrain neural stem cell proliferation, suggesting a novel effect of antipsychotic drugs. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 5815-23	6.6	171
258	The formation of abnormal associations in schizophrenia: neural and behavioral evidence. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 473-9	8.7	168
257	A PET study of dopamine D2 and serotonin 5-HT2 receptor occupancy in patients with schizophrenia treated with therapeutic doses of ziprasidone. <i>American Journal of Psychiatry</i> , <b>2004</b> , 161, 818-25	11.9	167
256	Alterations of the brain reward system in antipsychotic naïve schizophrenia patients. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 898-905	7.9	157
255	Evidence for onset of antipsychotic effects within the first 24 hours of treatment. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 939-46	11.9	154
254	Specific and generalized neuropsychological deficits: a comparison of patients with various first-episode psychosis presentations. <i>American Journal of Psychiatry</i> , <b>2010</b> , 167, 78-85	11.9	152
253	The amphetamine-induced sensitized state as a model of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2007</b> , 31, 1556-71	5.5	151
252	The D2 dopamine receptor occupancy of risperidone and its relationship to extrapyramidal symptoms: a PET study. <i>Life Sciences</i> , <b>1995</b> , 57, PL103-7	6.8	150
251	An algorithm-based approach to first-episode schizophrenia: response rates over 3 prospective antipsychotic trials with a retrospective data analysis. <i>Journal of Clinical Psychiatry</i> , <b>2011</b> , 72, 1439-44	4.6	146

250	Early response to antipsychotic drug therapy as a clinical marker of subsequent response in the treatment of schizophrenia. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 581-90	8.7	145
249	Dopaminergic function in cannabis users and its relationship to cannabis-induced psychotic symptoms. <i>Biological Psychiatry</i> , <b>2014</b> , 75, 470-8	7.9	143
248	Separate brain regions code for salience vs. valence during reward prediction in humans. <i>Human Brain Mapping</i> , <b>2007</b> , 28, 294-302	5.9	143
247	Effect of chronic antipsychotic treatment on brain structure: a serial magnetic resonance imaging study with ex vivo and postmortem confirmation. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 936-44	7.9	139
246	Dopamine D2 receptor occupancy predicts catalepsy and the suppression of conditioned avoidance response behavior in rats. <i>Psychopharmacology</i> , <b>2000</b> , 150, 422-9	4.7	137
245	The differential effects of atypical antipsychotics on prolactin elevation are explained by their differential blood-brain disposition: a pharmacological analysis in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 302, 1129-34	4.7	135
244	Binding characteristics and sensitivity to endogenous dopamine of [11C]-(+)-PHNO, a new agonist radiotracer for imaging the high-affinity state of D2 receptors in vivo using positron emission tomography. <i>Journal of Neurochemistry</i> , <b>2006</b> , 97, 1089-103	6	134
243	The neural correlates of intentional learning of verbal materials: a PET study in humans. <i>Cognitive Brain Research</i> , <b>1996</b> , 4, 243-9		132
242	An automated method for the extraction of regional data from PET images. <i>Psychiatry Research - Neuroimaging</i> , <b>2006</b> , 147, 79-89	2.9	129
241	A positron emission tomography study of silent and oral single word reading in stuttering and nonstuttering adults. <i>Journal of Speech, Language, and Hearing Research</i> , <b>2000</b> , 43, 1038-53	2.8	129
240	Temporal difference modeling of the blood-oxygen level dependent response during aversive conditioning in humans: effects of dopaminergic modulation. <i>Biological Psychiatry</i> , <b>2007</b> , 62, 765-72	7.9	126
239	Adverse subjective experience with antipsychotics and its relationship to striatal and extrastriatal D2 receptors: a PET study in schizophrenia. <i>American Journal of Psychiatry</i> , <b>2007</b> , 164, 630-7	11.9	126
238	High-affinity states of human brain dopamine D2/3 receptors imaged by the agonist [11C]-(+)-PHNO. <i>Biological Psychiatry</i> , <b>2006</b> , 59, 389-94	7.9	122
237	Inverse relationship between serotonin 5-HT(1A) receptor binding and anxiety: a [(11)C]WAY-100635 PET investigation in healthy volunteers. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 1326-8	11.9	120
236	The feasibility and validity of ambulatory self-report of psychotic symptoms using a smartphone software application. <i>BMC Psychiatry</i> , <b>2012</b> , 12, 172	4.2	118
235	Equivalent occupancy of dopamine D1 and D2 receptors with clozapine: differentiation from other atypical antipsychotics. <i>American Journal of Psychiatry</i> , <b>2004</b> , 161, 1620-5	11.9	118
234	A PET study evaluating dopamine D2 receptor occupancy for long-acting injectable risperidone. <i>American Journal of Psychiatry</i> , <b>2006</b> , 163, 396-401	11.9	116
233	Brain serotonin 5-HT(1A) receptor binding in schizophrenia measured by positron emission tomography and [11C]WAY-100635. <i>Archives of General Psychiatry</i> , <b>2002</b> , 59, 514-20		115

232	White matter integrity as a predictor of response to treatment in first episode psychosis. <i>Brain</i> , <b>2014</b> , 137, 172-82	11.2	114
231	Dissociation of pathways for object and spatial vision: a PET study in humans. <i>NeuroReport</i> , <b>1995</b> , 6, 1865-8	1.8	111
230	Improvement of brain reward abnormalities by antipsychotic monotherapy in schizophrenia. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, 1195-204		110
229	Jumping to conclusions, a lack of belief flexibility and delusional conviction in psychosis: a longitudinal investigation of the structure, frequency, and relatedness of reasoning biases. <i>Journal of Abnormal Psychology</i> , <b>2012</b> , 121, 129-139	7	108
228	Sensitization to amphetamine, but not PCP, impairs attentional set shifting: reversal by a D1 receptor agonist injected into the medial prefrontal cortex. <i>Psychopharmacology</i> , <b>2005</b> , 183, 190-200	4.7	108
227	Cerebral gray matter volume deficits in first episode psychosis. <i>Archives of General Psychiatry</i> , <b>1998</b> , 55, 540-6		107
226	Striatal vs extrastriatal dopamine D2 receptors in antipsychotic response--a double-blind PET study in schizophrenia. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 1209-15	8.7	106
225	The effect of divided attention on encoding and retrieval in episodic memory revealed by positron emission tomography. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 267-80	3.1	106
224	A model of anticholinergic activity of atypical antipsychotic medications. <i>Schizophrenia Research</i> , <b>2006</b> , 88, 63-72	3.6	105
223	Contrasting effects of haloperidol and lithium on rodent brain structure: a magnetic resonance imaging study with postmortem confirmation. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 855-63	7.9	101
222	Advantages and disadvantages of combination treatment with antipsychotics ECNP Consensus Meeting, March 2008, Nice. <i>European Neuropsychopharmacology</i> , <b>2009</b> , 19, 520-32	1.2	101
221	The relationship between D2 receptor occupancy and plasma levels on low dose oral haloperidol: a PET study. <i>Psychopharmacology</i> , <b>1997</b> , 131, 148-52	4.7	101
220	First human evidence of d-amphetamine induced displacement of a D2/3 agonist radioligand: A [11C]-(+)-PHNO positron emission tomography study. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 279-89	8.7	101
219	Amisulpride and olanzapine followed by open-label treatment with clozapine in first-episode schizophrenia and schizophreniform disorder (OPTiMiSE): a three-phase switching study. <i>Lancet Psychiatry</i> , <b>2018</b> , 5, 797-807	23.3	100
218	Integrating mobile-phone based assessment for psychosis into people's everyday lives and clinical care: a qualitative study. <i>BMC Psychiatry</i> , <b>2013</b> , 13, 34	4.2	99
217	Gestational methylazoxymethanol acetate treatment impairs select cognitive functions: parallels to schizophrenia. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 483-92	8.7	96
216	Meta-regression analysis of placebo response in antipsychotic trials, 1970-2010. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 1335-44	11.9	95
215	How antipsychotics become anti-"psychotic"--from dopamine to salience to psychosis. <i>Trends in Pharmacological Sciences</i> , <b>2004</b> , 25, 402-6	13.2	95

214	A comparison of two delivery modalities of a mobile phone-based assessment for serious mental illness: native smartphone application vs text-messaging only implementations. <i>Journal of Medical Internet Research</i> , <b>2013</b> , 15, e60	7.6	95
213	Genetic predictors of response to serotonergic and noradrenergic antidepressants in major depressive disorder: a genome-wide analysis of individual-level data and a meta-analysis. <i>PLoS Medicine</i> , <b>2012</b> , 9, e1001326	11.6	94
212	The dopamine D2 receptors in high-affinity state and D3 receptors in schizophrenia: a clinical [ <sup>11</sup> C]-(+)-PHNO PET study. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 1078-86	8.7	93
211	Serotonin 5-HT <sub>2</sub> receptors in schizophrenia: a PET study using [ <sup>18</sup> F]setoperone in neuroleptic-naive patients and normal subjects. <i>American Journal of Psychiatry</i> , <b>1999</b> , 156, 72-8	11.9	92
210	Apathy in schizophrenia: clinical correlates and association with functional outcome. <i>Schizophrenia Research</i> , <b>2003</b> , 63, 79-88	3.6	91
209	Role of dopamine D(2) receptors for antipsychotic activity. <i>Handbook of Experimental Pharmacology</i> , <b>2012</b> , 27-52	3.2	90
208	'Jumping to conclusions' and delusions in psychosis: relationship and response to treatment. <i>Schizophrenia Research</i> , <b>2008</b> , 98, 225-31	3.6	90
207	The effect of antipsychotics on the high-affinity state of D2 and D3 receptors: a positron emission tomography study With [ <sup>11</sup> C]-(+)-PHNO. <i>Archives of General Psychiatry</i> , <b>2009</b> , 66, 606-15		88
206	Translating genome-wide association findings into new therapeutics for psychiatry. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1392-1396	25.5	86
205	Alterations in cortical and extrastriatal subcortical dopamine function in schizophrenia: systematic review and meta-analysis of imaging studies. <i>British Journal of Psychiatry</i> , <b>2014</b> , 204, 420-9	5.4	86
204	Brain region binding of the D2/3 agonist [ <sup>11</sup> C]-(+)-PHNO and the D2/3 antagonist [ <sup>11</sup> C]raclopride in healthy humans. <i>Human Brain Mapping</i> , <b>2008</b> , 29, 400-10	5.9	86
203	Decreased binding of the D3 dopamine receptor-preferring ligand [ <sup>11</sup> C]-(+)-PHNO in drug-naive Parkinson's disease. <i>Brain</i> , <b>2009</b> , 132, 1366-75	11.2	85
202	Pharmacogenetics in psychiatry: are we ready for widespread clinical use?. <i>Schizophrenia Bulletin</i> , <b>2008</b> , 34, 1130-44	1.3	85
201	Amphetamine-sensitized animals show a sensorimotor gating and neurochemical abnormality similar to that of schizophrenia. <i>Schizophrenia Research</i> , <b>2003</b> , 64, 103-14	3.6	84
200	Increased dopamine d(2) receptor occupancy and elevated prolactin level associated with addition of haloperidol to clozapine. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 311-4	11.9	84
199	PET evidence that loxapine is an equipotent blocker of 5-HT <sub>2</sub> and D2 receptors: implications for the therapeutics of schizophrenia. <i>American Journal of Psychiatry</i> , <b>1997</b> , 154, 1525-9	11.9	83
198	Cognitive subtractions may not add up: the interaction between semantic processing and response mode. <i>NeuroImage</i> , <b>1997</b> , 5, 229-39	7.9	83
197	Positron emission tomography quantification of [ <sup>11</sup> C]-(+)-PHNO binding in the human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2007</b> , 27, 857-71	7.3	83

196	Less is more: antipsychotic drug effects are greater with transient rather than continuous delivery. <i>Biological Psychiatry</i> , <b>2008</b> , 64, 145-52	7.9	82
195	Increased antipsychotic sensitivity in elderly patients: evidence and mechanisms. <i>Journal of Clinical Psychiatry</i> , <b>2009</b> , 70, 397-405	4.6	81
194	Acute effects of single-dose aripiprazole and haloperidol on resting cerebral blood flow (rCBF) in the human brain. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 272-82	5.9	78
193	Determinants of treatment response in first-episode psychosis: an F-DOPA PET study. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1502-1512	15.1	78
192	Does intravenous $\Delta$ -tetrahydrocannabinol increase dopamine release? A SPET study. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 1462-8	4.6	77
191	The "delayed onset" of antipsychotic action--an idea whose time has come and gone. <i>Journal of Psychiatry and Neuroscience</i> , <b>2006</b> , 31, 93-100	4.5	77
190	A systematic review of aripiprazole--dose, plasma concentration, receptor occupancy, and response: implications for therapeutic drug monitoring. <i>Journal of Clinical Psychiatry</i> , <b>2010</b> , 71, 1447-56	4.6	75
189	Loss of phosphodiesterase 10A expression is associated with progression and severity in Parkinson's disease. <i>Brain</i> , <b>2015</b> , 138, 3003-15	11.2	74
188	The link between dopamine function and apathy in cannabis users: an [18F]-DOPA PET imaging study. <i>Psychopharmacology</i> , <b>2014</b> , 231, 2251-9	4.7	72
187	Microvascular abnormality in schizophrenia as shown by retinal imaging. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 1451-9	11.9	72
186	Effects of antipsychotics on D3 receptors: a clinical PET study in first episode antipsychotic naive patients with schizophrenia using [11C]-(+)-PHNO. <i>Schizophrenia Research</i> , <b>2011</b> , 131, 63-8	3.6	72
185	Biomarkers for Psychiatry: The Journey from Fantasy to Fact, a Report of the 2013 CINP Think Tank. <i>International Journal of Neuropsychopharmacology</i> , <b>2015</b> , 18, pyv042	5.8	71
184	Altered PDE10A expression detectable early before symptomatic onset in Huntington's disease. <i>Brain</i> , <b>2015</b> , 138, 3016-29	11.2	71
183	Reduced cortical volume and elevated astrocyte density in rats chronically treated with antipsychotic drugs-linking magnetic resonance imaging findings to cellular pathology. <i>Biological Psychiatry</i> , <b>2014</b> , 75, 982-90	7.9	69
182	Sensitization to amphetamine, but not phencyclidine, disrupts prepulse inhibition and latent inhibition. <i>Psychopharmacology</i> , <b>2005</b> , 180, 366-76	4.7	69
181	Disruption of frontal $\beta$ -coherence by $\Delta$ -tetrahydrocannabinol is associated with positive psychotic symptoms. <i>Neuropsychopharmacology</i> , <b>2011</b> , 36, 827-36	8.7	68
180	How antipsychotics work-from receptors to reality. <i>NeuroRx</i> , <b>2006</b> , 3, 10-21		68
179	The dopamine stabilizers (S)-(-)-(3-methanesulfonyl-phenyl)-1-propyl-piperidine [(-)-OSU6162] and 4-(3-methanesulfonylphenyl)-1-propyl-piperidine (ACR16) show high in vivo D2 receptor occupancy, antipsychotic-like efficacy, and low potential for motor side effects in the rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 810-8	4.7	68



178	Amphetamine-sensitized animals show a marked increase in dopamine D2 high receptors occupied by endogenous dopamine, even in the absence of acute challenges. <i>Synapse</i> , <b>2002</b> , 46, 235-9	2.4	68
177	Clinically meaningful biomarkers for psychosis: a systematic and quantitative review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 45, 134-41	9	67
176	Schizophrenia, amphetamine-induced sensitized state and acute amphetamine exposure all show a common alteration: increased dopamine D2 receptor dimerization. <i>Molecular Brain</i> , <b>2010</b> , 3, 25	4.5	67
175	D2-receptor upregulation is dependent upon temporal course of D2-occupancy: a longitudinal [11C]-raclopride PET study in cats. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 662-71	8.7	67
174	A sensitizing regimen of amphetamine impairs visual attention in the 5-choice serial reaction time test: reversal by a D1 receptor agonist injected into the medial prefrontal cortex. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 1122-32	8.7	67
173	Effects of catecholamine depletion on D2 receptor binding, mood, and attentiveness in humans: a replication study. <i>Pharmacology Biochemistry and Behavior</i> , <b>2003</b> , 74, 425-32	3.9	67
172	Early use of clozapine for poorly responding first-episode psychosis. <i>Journal of Clinical Psychopharmacology</i> , <b>2007</b> , 27, 369-73	1.7	66
171	Anesthetics inhibit high-affinity states of dopamine D2 and other G-linked receptors. <i>Synapse</i> , <b>2003</b> , 50, 35-40	2.4	66
170	The promise of biological markers for treatment response in first-episode psychosis: a systematic review. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 559-73	1.3	65
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