

Barbara J Sahakian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

562
papers

57,004
citations

132
h-index

221
g-index

620
ext. papers

63,148
ext. citations

6.7
avg, IF

7.5
L-index

#	Paper	IF	Citations
562	Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. <i>Nature Neuroscience</i> , 2003 , 6, 115-6	25.5	1322
561	Grand challenges in global mental health. <i>Nature</i> , 2011 , 475, 27-30	50.4	1310
560	Planning and spatial working memory following frontal lobe lesions in man. <i>Neuropsychologia</i> , 1990 , 28, 1021-34	3.2	1028
559	Integrating evidence from neuroimaging and neuropsychological studies of obsessive-compulsive disorder: the orbitofronto-striatal model revisited. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 525-49	9	875
558	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology</i> , 2017 , 16, 987-1048	24.1	851
557	Dissociable deficits in the decision-making cognition of chronic amphetamine abusers, opiate abusers, patients with focal damage to prefrontal cortex, and tryptophan-depleted normal volunteers: evidence for monoaminergic mechanisms. <i>Neuropsychopharmacology</i> , 1999 , 20, 322-39	8.7	784
556	Choosing between small, likely rewards and large, unlikely rewards activates inferior and orbital prefrontal cortex. <i>Journal of Neuroscience</i> , 1999 , 19, 9029-38	6.6	671
555	Enhanced or impaired cognitive function in Parkinson's disease as a function of dopaminergic medication and task demands. <i>Cerebral Cortex</i> , 2001 , 11, 1136-43	5.1	667
554	Decision-making processes following damage to the prefrontal cortex. <i>Brain</i> , 2002 , 125, 624-39	11.2	627
553	The neuropsychology of obsessive compulsive disorder: the importance of failures in cognitive and behavioural inhibition as candidate endophenotypic markers. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 399-419	9	600
552	Towards responsible use of cognitive-enhancing drugs by the healthy. <i>Nature</i> , 2008 , 456, 702-5	50.4	583
551	Extra-dimensional versus intra-dimensional set shifting performance following frontal lobe excisions, temporal lobe excisions or amygdalo-hippocampectomy in man. <i>Neuropsychologia</i> , 1991 , 29, 993-1006	3.2	569
550	A comparative study of visuospatial memory and learning in Alzheimer-type dementia and Parkinson's disease. <i>Brain</i> , 1988 , 111 (Pt 3), 695-718	11.2	563
549	Emotional bias and inhibitory control processes in mania and depression. <i>Psychological Medicine</i> , 1999 , 29, 1307-21	6.9	526
548	Probing compulsive and impulsive behaviors, from animal models to endophenotypes: a narrative review. <i>Neuropsychopharmacology</i> , 2010 , 35, 591-604	8.7	504
547	Differing patterns of temporal atrophy in Alzheimer's disease and semantic dementia. <i>Neurology</i> , 2001 , 57, 216-25	6.5	486
546	Neurocognitive enhancement: what can we do and what should we do?. <i>Nature Reviews Neuroscience</i> , 2004 , 5, 421-5	13.5	462

545	Impaired extra-dimensional shift performance in medicated and unmedicated Parkinson's disease: evidence for a specific attentional dysfunction. <i>Neuropsychologia</i> , 1989 , 27, 1329-43	3.2	451
544	Visuo-spatial short-term recognition memory and learning after temporal lobe excisions, frontal lobe excisions or amygdalo-hippocampectomy in man. <i>Neuropsychologia</i> , 1995 , 33, 1-24	3.2	447
543	Neurochemical modulation of response inhibition and probabilistic learning in humans. <i>Science</i> , 2006 , 311, 861-3	33.3	433
542	The effects of nicotine on attention, information processing, and short-term memory in patients with dementia of the Alzheimer type. <i>British Journal of Psychiatry</i> , 1989 , 154, 797-800	5.4	428
541	Orbitofrontal dysfunction in patients with obsessive-compulsive disorder and their unaffected relatives. <i>Science</i> , 2008 , 321, 421-2	33.3	420
540	Differential effects of insular and ventromedial prefrontal cortex lesions on risky decision-making. <i>Brain</i> , 2008 , 131, 1311-22	11.2	415
539	Methylphenidate enhances working memory by modulating discrete frontal and parietal lobe regions in the human brain. <i>Journal of Neuroscience</i> , 2000 , 20, RC65	6.6	412
538	A study of performance on tests from the CANTAB battery sensitive to frontal lobe dysfunction in a large sample of normal volunteers: implications for theories of executive functioning and cognitive aging. Cambridge Neuropsychological Test Automated Battery. <i>Journal of the International Neuropsychological Society</i> , 1998 , 4, 474-80	3.1	412
537	L-Dopa medication remediates cognitive inflexibility, but increases impulsivity in patients with Parkinson's disease. <i>Neuropsychologia</i> , 2003 , 41, 1431-41	3.2	403
536	Motor Inhibition and Cognitive Flexibility in Obsessive-Compulsive Disorder and Trichotillomania. <i>American Journal of Psychiatry</i> , 2006 , 163, 1282-1284	11.9	399
535	Cambridge Neuropsychological Test Automated Battery (CANTAB): a factor analytic study of a large sample of normal elderly volunteers. <i>Dementia and Geriatric Cognitive Disorders</i> , 1994 , 5, 266-81	2.6	399
534	Cognitive performance in tests sensitive to frontal lobe dysfunction in the elderly depressed. <i>Psychological Medicine</i> , 1996 , 26, 591-603	6.9	393
533	Effects of acute subcutaneous nicotine on attention, information processing and short-term memory in Alzheimer's disease. <i>Psychopharmacology</i> , 1992 , 108, 485-94	4.7	392
532	Probabilistic learning and reversal deficits in patients with Parkinson's disease or frontal or temporal lobe lesions: possible adverse effects of dopaminergic medication. <i>Neuropsychologia</i> , 2000 , 38, 596-612	3.2	390
531	Disorders of compulsivity: a common bias towards learning habits. <i>Molecular Psychiatry</i> , 2015 , 20, 345-52	5.1	382
530	Neuropsychological impairments in unipolar depression: the influence of perceived failure on subsequent performance. <i>Psychological Medicine</i> , 1996 , 26, 975-89	6.9	373
529	Cognitive enhancing effects of modafinil in healthy volunteers. <i>Psychopharmacology</i> , 2003 , 165, 260-9	4.7	359
528	The neural basis of mood-congruent processing biases in depression. <i>Archives of General Psychiatry</i> , 2002 , 59, 597-604		355

527	Disruption in the balance between goal-directed behavior and habit learning in obsessive-compulsive disorder. <i>American Journal of Psychiatry</i> , 2011 , 168, 718-26	11.9	354
526	The roles of dopamine and noradrenaline in the pathophysiology and treatment of attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2011 , 69, e145-57	7.9	345
525	The mental wealth of nations. <i>Nature</i> , 2008 , 455, 1057-60	50.4	340
524	Specific cognitive deficits in mild frontal variant frontotemporal dementia. <i>Brain</i> , 1999 , 122 (Pt 8), 1469-93	11.2	327
523	Cognitive mechanisms of treatment in depression. <i>Neuropsychopharmacology</i> , 2012 , 37, 117-36	8.7	319
522	Neurocognitive endophenotypes of obsessive-compulsive disorder. <i>Brain</i> , 2007 , 130, 3223-36	11.2	318
521	Executive and mnemonic functions in early Huntington's disease. <i>Brain</i> , 1996 , 119 (Pt 5), 1633-45	11.2	317
520	Effects of methylphenidate on spatial working memory and planning in healthy young adults. <i>Psychopharmacology</i> , 1997 , 131, 196-206	4.7	316
519	An observational method for quantifying the behavioural effects of dopamine agonists: contrasting effects of d-amphetamine and apomorphine. <i>Psychopharmacology</i> , 1980 , 69, 253-9	4.7	313
518	Methylphenidate improves response inhibition in adults with attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2003 , 54, 1465-8	7.9	310
517	Profiles of cognitive dysfunction in chronic amphetamine and heroin abusers. <i>Neuropsychopharmacology</i> , 2000 , 23, 113-26	8.7	307
516	Neurocognitive mechanisms in depression: implications for treatment. <i>Annual Review of Neuroscience</i> , 2009 , 32, 57-74	17	301
515	A componential analysis of task-switching deficits associated with lesions of left and right frontal cortex. <i>Brain</i> , 2004 , 127, 1561-73	11.2	297
514	Tacrine in Alzheimer's disease. <i>Lancet, The</i> , 1991 , 337, 989-92	40	297
513	New developments in human neurocognition: clinical, genetic, and brain imaging correlates of impulsivity and compulsivity. <i>CNS Spectrums</i> , 2014 , 19, 69-89	1.8	294
512	Impaired cognitive flexibility and motor inhibition in unaffected first-degree relatives of patients with obsessive-compulsive disorder. <i>American Journal of Psychiatry</i> , 2007 , 164, 335-8	11.9	293
511	Evidence for specific cognitive deficits in preclinical Huntington's disease. <i>Brain</i> , 1998 , 121 (Pt 7), 1329-41	11.2	289
510	Mechanisms of cognitive set flexibility in Parkinson's disease. <i>Brain</i> , 2001 , 124, 2503-12	11.2	283

509	Professor's little helper. <i>Nature</i> , 2007 , 450, 1157-9	50.4	276
508	Early detection and differential diagnosis of Alzheimer's disease and depression with neuropsychological tasks. <i>Dementia and Geriatric Cognitive Disorders</i> , 2001 , 12, 265-80	2.6	272
507	The neuropsychiatry of impulsivity. <i>Current Opinion in Psychiatry</i> , 2007 , 20, 255-61	4.9	267
506	Reflection impulsivity in current and former substance users. <i>Biological Psychiatry</i> , 2006 , 60, 515-22	7.9	267
505	Tryptophan depletion in normal volunteers produces selective impairments in learning and memory. <i>Neuropharmacology</i> , 1994 , 33, 575-88	5.5	267
504	Double dissociations of memory and executive functions in working memory tasks following frontal lobe excisions, temporal lobe excisions or amygdalo-hippocampectomy in man. <i>Brain</i> , 1996 , 119 (Pt 5), 1597-615	11.2	263
503	The effects of psychomotor stimulants on stereotypy and locomotor activity in socially-deprived and control rats. <i>Brain Research</i> , 1975 , 84, 195-205	3.7	260
502	Planning and spatial working memory in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1988 , 51, 757-66	5.5	250
501	Impulsivity and response inhibition in alcohol dependence and problem gambling. <i>Psychopharmacology</i> , 2009 , 207, 163-72	4.7	248
500	Neuropsychological evidence for frontostriatal dysfunction in schizophrenia. <i>Psychological Medicine</i> , 1995 , 25, 619-30	6.9	243
499	Neuropsychological deficits and CT scan changes in elderly depressives. <i>Psychological Medicine</i> , 1990 , 20, 507-20	6.9	242
498	Motor inhibition and cognitive flexibility in obsessive-compulsive disorder and trichotillomania. <i>American Journal of Psychiatry</i> , 2006 , 163, 1282-4	11.9	239
497	Cognitive impairment in remission in bipolar affective disorder. <i>Psychological Medicine</i> , 2000 , 30, 1025-36.9	36.9	238
496	Modafinil improves cognition and response inhibition in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2004 , 55, 1031-40	7.9	237
495	Decision-making cognition in mania and depression. <i>Psychological Medicine</i> , 2001 , 31, 679-93	6.9	237
494	Atomoxetine modulates right inferior frontal activation during inhibitory control: a pharmacological functional magnetic resonance imaging study. <i>Biological Psychiatry</i> , 2009 , 65, 550-5	7.9	232
493	The contributions of lesion laterality and lesion volume to decision-making impairment following frontal lobe damage. <i>Neuropsychologia</i> , 2003 , 41, 1474-83	3.2	229
492	Dissociating executive mechanisms of task control following frontal lobe damage and Parkinson's disease. <i>Brain</i> , 1998 , 121 (Pt 5), 815-42	11.2	227

491	Detecting dementia: novel neuropsychological markers of preclinical Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2004 , 17, 42-8	2.6	226
490	Prefrontal dysfunction in depressed patients performing a complex planning task: a study using positron emission tomography. <i>Psychological Medicine</i> , 1997 , 27, 931-42	6.9	224
489	Tryptophan depletion alters the decision-making of healthy volunteers through altered processing of reward cues. <i>Neuropsychopharmacology</i> , 2003 , 28, 153-62	8.7	223
488	Modafinil improves cognition and attentional set shifting in patients with chronic schizophrenia. <i>Neuropsychopharmacology</i> , 2004 , 29, 1363-73	8.7	221
487	Neuropsychological impairment in patients with major depressive disorder: the effects of feedback on task performance. <i>Psychological Medicine</i> , 2003 , 33, 455-67	6.9	220
486	Tryptophan depletion impairs stimulus-reward learning while methylphenidate disrupts attentional control in healthy young adults: implications for the monoaminergic basis of impulsive behaviour. <i>Psychopharmacology</i> , 1999 , 146, 482-91	4.7	220
485	Atomoxetine improved response inhibition in adults with attention deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2007 , 62, 977-84	7.9	218
484	Profile of executive and memory function associated with amphetamine and opiate dependence. <i>Neuropsychopharmacology</i> , 2006 , 31, 1036-47	8.7	218
483	Enhanced avoidance habits in obsessive-compulsive disorder. <i>Biological Psychiatry</i> , 2014 , 75, 631-8	7.9	217
482	Redefining the functional organization of working memory processes within human lateral prefrontal cortex. <i>European Journal of Neuroscience</i> , 1999 , 11, 567-74	3.5	217
481	Methylphenidate improves working memory and set-shifting in AD/HD: relationships to baseline memory capacity. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004 , 45, 293-305	7.9	215
480	Default Mode Dynamics for Global Functional Integration. <i>Journal of Neuroscience</i> , 2015 , 35, 15254-62	6.6	210
479	Problem gamblers share deficits in impulsive decision-making with alcohol-dependent individuals. <i>Addiction</i> , 2009 , 104, 1006-15	4.6	210
478	Risk taking during decision-making in normal volunteers changes with age. <i>Journal of the International Neuropsychological Society</i> , 2004 , 10, 590-8	3.1	208
477	Computerized assessment in neuropsychiatry using CANTAB: discussion paper. <i>Journal of the Royal Society of Medicine</i> , 1992 , 85, 399-402	2.3	208
476	Cognitive reserve in neuropsychiatry. <i>Psychological Medicine</i> , 2006 , 36, 1053-64	6.9	204
475	Profile of cognitive progression in early Huntington's disease. <i>Neurology</i> , 2003 , 61, 1702-6	6.5	204
474	Abnormal response to negative feedback in unipolar depression: evidence for a diagnosis specific impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997 , 63, 74-82	5.5	203

473	Further analysis of the cognitive effects of tetrahydroaminoacridine (THA) in Alzheimer's disease: assessment of attentional and mnemonic function using CANTAB. <i>Psychopharmacology</i> , 1993 , 110, 395-401	4.7	203
472	Hot and cold cognition in depression. <i>CNS Spectrums</i> , 2013 , 18, 139-49	1.8	201
471	Specific cognitive deficits in tests sensitive to frontal lobe dysfunction in obsessive-compulsive disorder. <i>Psychological Medicine</i> , 1996 , 26, 1261-9	6.9	201
470	Chronic cocaine but not chronic amphetamine use is associated with perseverative responding in humans. <i>Psychopharmacology</i> , 2008 , 197, 421-31	4.7	200
469	Cognitive functions and corticostriatal circuits: insights from Huntington's disease. <i>Trends in Cognitive Sciences</i> , 1998 , 2, 379-88	14	199
468	The effects of chronic administration of hydrocortisone on cognitive function in normal male volunteers. <i>Psychopharmacology</i> , 1999 , 145, 260-6	4.7	199
467	Visuospatial memory deficits at different stages of Parkinson's disease. <i>Neuropsychologia</i> , 1993 , 31, 627-44	3.4	196
466	The effects of tryptophan depletion on cognitive and affective processing in healthy volunteers. <i>Psychopharmacology</i> , 2002 , 163, 42-53	4.7	194
465	Improved short-term spatial memory but impaired reversal learning following the dopamine D(2) agonist bromocriptine in human volunteers. <i>Psychopharmacology</i> , 2001 , 159, 10-20	4.7	190
464	Circling behavior in rats with partial, unilateral nigro-striatal lesions: effect of amphetamine, apomorphine, and DOPA. <i>Pharmacology Biochemistry and Behavior</i> , 1980 , 12, 185-8	3.9	189
463	Neuropsychiatric applications of CANTAB 1996 , 11, 329-336		184
462	Dopamine-dependent frontostriatal planning deficits in early Parkinson's disease.. <i>Neuropsychology</i> , 1995 , 9, 126-140	3.8	183
461	Decision-making in mania: a PET study. <i>Brain</i> , 2001 , 124, 2550-63	11.2	182
460	Systemic sulpiride in young adult volunteers simulates the profile of cognitive deficits in Parkinson's disease. <i>Psychopharmacology</i> , 1999 , 146, 162-74	4.7	182
459	Abnormal ventral frontal response during performance of an affective go/no go task in patients with mania. <i>Biological Psychiatry</i> , 2004 , 55, 1163-70	7.9	181
458	Huntington's disease progression. PET and clinical observations. <i>Brain</i> , 1999 , 122 (Pt 12), 2353-63	11.2	181
457	Progressive striatal and cortical dopamine receptor dysfunction in Huntington's disease: a PET study. <i>Brain</i> , 2003 , 126, 1127-35	11.2	180
456	Distinct profiles of neurocognitive function in unmedicated unipolar depression and bipolar II depression. <i>Biological Psychiatry</i> , 2007 , 62, 917-24	7.9	172

455	Serotonergic modulation of prefrontal cortex during negative feedback in probabilistic reversal learning. <i>Neuropsychopharmacology</i> , 2005 , 30, 1138-47	8.7	169
454	Ventral striatum response during reward and punishment reversal learning in unmedicated major depressive disorder. <i>American Journal of Psychiatry</i> , 2012 , 169, 152-9	11.9	168
453	Neural basis of abnormal response to negative feedback in unmedicated mood disorders. <i>NeuroImage</i> , 2008 , 42, 1118-26	7.9	166
452	White matter abnormalities in patients with obsessive-compulsive disorder and their first-degree relatives. <i>American Journal of Psychiatry</i> , 2008 , 165, 1308-15	11.9	166
451	The role of habit in compulsivity. <i>European Neuropsychopharmacology</i> , 2016 , 26, 828-40	1.2	165
450	Executive function in Tourette's syndrome and obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2005 , 35, 571-82	6.9	160
449	Functional neuroimaging of avoidance habits in obsessive-compulsive disorder. <i>American Journal of Psychiatry</i> , 2015 , 172, 284-93	11.9	159
448	Selective attention to emotional stimuli in a verbal go/no-go task: an fMRI study. <i>NeuroReport</i> , 2000 , 11, 1739-44	1.7	159
447	Mood-congruent bias in affective go/no-go performance of unmedicated patients with major depressive disorder. <i>American Journal of Psychiatry</i> , 2005 , 162, 2171-3	11.9	157
446	A neuropsychological comparison of obsessive-compulsive disorder and trichotillomania. <i>Neuropsychologia</i> , 2007 , 45, 654-62	3.2	156
445	Abnormal frontal activations related to decision-making in current and former amphetamine and opiate dependent individuals. <i>Psychopharmacology</i> , 2005 , 180, 612-23	4.7	156
444	Diffusion tensor imaging in chronic head injury survivors: correlations with learning and memory indices. <i>NeuroImage</i> , 2006 , 29, 117-24	7.9	152
443	Impaired set-shifting and dissociable effects on tests of spatial working memory following the dopamine D2 receptor antagonist sulpiride in human volunteers. <i>Psychopharmacology</i> , 2004 , 176, 331-42	4.7	150
442	Abnormal neural response to feedback on planning and guessing tasks in patients with unipolar depression. <i>Psychological Medicine</i> , 1998 , 28, 559-71	6.9	145
441	Decision making and neuropsychiatry. <i>Trends in Cognitive Sciences</i> , 2001 , 5, 271-277	14	143
440	Sparing of attentional relative to mnemonic function in a subgroup of patients with dementia of the Alzheimer type. <i>Neuropsychologia</i> , 1990 , 28, 1197-213	3.2	143
439	"Paradoxical" effects of psychomotor stimulant drugs in hyperactive children from the standpoint of behavioural pharmacology. <i>Neuropharmacology</i> , 1979 , 18, 931-50	5.5	143
438	Inhibition of subliminally primed responses is mediated by the caudate and thalamus: evidence from functional MRI and Huntington's disease. <i>Brain</i> , 2003 , 126, 713-23	11.2	142

437	Comparison of executive and visuospatial memory function in Huntington's disease and dementia of Alzheimer type matched for degree of dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995 , 58, 598-606	5.5	141
436	Lethal forethought: delayed reward discounting differentiates high- and low-lethality suicide attempts in old age. <i>Biological Psychiatry</i> , 2011 , 70, 138-44	7.9	140
435	Visual object and visuospatial cognition in Huntington's disease: implications for information processing in corticostriatal circuits. <i>Brain</i> , 2000 , 123 (Pt 7), 1349-64	11.2	139
434	Paroxetine does not improve symptoms and impairs cognition in frontotemporal dementia: a double-blind randomized controlled trial. <i>Psychopharmacology</i> , 2004 , 172, 400-8	4.7	138
433	Stop signal response inhibition is not modulated by tryptophan depletion or the serotonin transporter polymorphism in healthy volunteers: implications for the 5-HT theory of impulsivity. <i>Psychopharmacology</i> , 2005 , 182, 570-8	4.7	138
432	Reward/Punishment reversal learning in older suicide attempters. <i>American Journal of Psychiatry</i> , 2010 , 167, 699-707	11.9	134
431	Association between response inhibition and working memory in adult ADHD: a link to right frontal cortex pathology?. <i>Biological Psychiatry</i> , 2007 , 61, 1395-401	7.9	134
430	Carrots and sticks fail to change behavior in cocaine addiction. <i>Science</i> , 2016 , 352, 1468-71	33.3	132
429	Temporal lobe rating scale: application to Alzheimer's disease and frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001 , 70, 165-73	5.5	132
428	Translational approaches to frontostriatal dysfunction in attention-deficit/hyperactivity disorder using a computerized neuropsychological battery. <i>Biological Psychiatry</i> , 2011 , 69, 1192-203	7.9	130
427	Neuropsychological evidence of a relatively selective profile of temporal dysfunction in drug-free MDMA ("ecstasy") polydrug users. <i>Psychopharmacology</i> , 2002 , 162, 203-14	4.7	129
426	Specific patterns of cognitive impairment in patients with idiopathic normal pressure hydrocephalus and Alzheimer's disease: a pilot study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999 , 67, 723-32	5.5	128
425	Cognitive sequelae of head injury: involvement of basal forebrain and associated structures. <i>Brain</i> , 2005 , 128, 189-200	11.2	127
424	Effects of dopamine depletion from the caudate-putamen and nucleus accumbens septi on the acquisition and performance of a conditional discrimination task. <i>Behavioural Brain Research</i> , 1990 , 38, 243-61	3.4	126
423	Neurocognitive deficits in decision-making and planning of patients with DSM-III-R borderline personality disorder. <i>Psychological Medicine</i> , 2002 , 32, 1395-405	6.9	125
422	Assessing cognitive function in clinical trials of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 34, 1161-77	9	124
421	Acute tryptophan depletion in healthy volunteers enhances punishment prediction but does not affect reward prediction. <i>Neuropsychopharmacology</i> , 2008 , 33, 2291-9	8.7	124
420	A study of regional cerebral blood flow and cognitive performance in Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1992 , 55, 1182-7	5.5	123

4 ¹⁹	Selected executive skills in adolescents with recent first episode major depression. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2005 , 46, 995-1005	7.9	121
4 ¹⁸	The relationship between striatal dopamine receptor binding and cognitive performance in Huntington's disease. <i>Brain</i> , 1998 , 121 (Pt 7), 1343-55	11.2	121
4 ¹⁷	Discrimination, reversal, and shift learning in Huntington's disease: mechanisms of impaired response selection. <i>Neuropsychologia</i> , 1999 , 37, 1359-74	3.2	119
4 ¹⁶	Hippocampal dysfunction in patients with mild cognitive impairment: a functional neuroimaging study of a visuospatial paired associates learning task. <i>Neuropsychologia</i> , 2011 , 49, 2060-70	3.2	117
4 ¹⁵	Noradrenergic modulation of working memory and emotional memory in humans. <i>Psychopharmacology</i> , 2006 , 188, 397-407	4.7	117
4 ¹⁴	Impairment in risk-sensitive decision-making in older suicide attempters with depression. <i>Psychology and Aging</i> , 2011 , 26, 321-330	3.6	116
4 ¹³	Neuropsychology of bipolar disorder. <i>British Journal of Psychiatry</i> , 2001 , 178, s120-s127	5.4	116
4 ¹²	Contrasting effects of clonidine and diazepam on tests of working memory and planning. <i>Psychopharmacology</i> , 1995 , 120, 311-21	4.7	116
4 ¹¹	The size, burden and cost of disorders of the brain in the UK. <i>Journal of Psychopharmacology</i> , 2013 , 27, 761-70	4.6	109
4 ¹⁰	Characteristic neurocognitive profile associated with adult attention-deficit/hyperactivity disorder. <i>Psychological Medicine</i> , 2004 , 34, 681-92	6.9	109
4 ⁰⁹	Clonidine and diazepam have differential effects on tests of attention and learning. <i>Psychopharmacology</i> , 1995 , 120, 322-32	4.7	108
4 ⁰⁸	Mapping Compulsivity in the DSM-5 Obsessive Compulsive and Related Disorders: Cognitive Domains, Neural Circuitry, and Treatment. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 42-58	5.8	107
4 ⁰⁷	Social emotion recognition, social functioning, and attempted suicide in late-life depression. <i>American Journal of Geriatric Psychiatry</i> , 2012 , 20, 257-65	6.5	105
4 ⁰⁶	The effects of methylphenidate on decision making in attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2008 , 64, 636-9	7.9	105
4 ⁰⁵	Methylphenidate ('Ritalin') can ameliorate abnormal risk-taking behavior in the frontal variant of frontotemporal dementia. <i>Neuropsychopharmacology</i> , 2006 , 31, 651-8	8.7	105
4 ⁰⁴	Impaired planning but intact decision making in early Huntington's disease: implications for specific fronto-striatal pathology. <i>Neuropsychologia</i> , 2000 , 38, 1112-25	3.2	104
4 ⁰³	The neuropsychology of mood disorders. <i>Current Psychiatry Reports</i> , 2006 , 8, 458-63	9.1	100
4 ⁰²	Neurocognitive effects of methylphenidate in adult attention-deficit/hyperactivity disorder. <i>Psychopharmacology</i> , 2005 , 178, 286-95	4.7	99

401	Effects of modafinil on non-verbal cognition, task enjoyment and creative thinking in healthy volunteers. <i>Neuropharmacology</i> , 2013 , 64, 490-5	5.5	97
400	Approach and avoidance learning in patients with major depression and healthy controls: relation to anhedonia. <i>Psychological Medicine</i> , 2010 , 40, 433-40	6.9	97
399	The neuropsychology of amphetamine and opiate dependence: implications for treatment. <i>Neuropsychology Review</i> , 2007 , 17, 317-36	7.7	97
398	Temporal discounting in major depressive disorder. <i>Psychological Medicine</i> , 2014 , 44, 1825-34	6.9	95
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