

# Christopher J Carter

## List of Publications by Year in descending order

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67  
papers

5,680  
citations

126708

33  
h-index

106150

65  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Basal Lipid Peroxidation in Substantia Nigra Is Increased in Parkinson's Disease. <i>Journal of Neurochemistry</i> , 1989, 52, 381-389.	2.1	1,298
2	Effect of lesion of cortical dopamine terminals on subcortical dopamine receptors in rats. <i>Nature</i> , 1980, 286, 74-77.	13.7	513
3	Microbes and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 979-984.	1.2	426
4	Sequence Identification and Characterization of Human Carnosinase and a Closely Related Non-specific Dipeptidase. <i>Journal of Biological Chemistry</i> , 2003, 278, 6521-6531.	1.6	295
5	Effect of 6-Hydroxydopamine Lesions of the Medial Prefrontal Cortex on Neurotransmitter Systems in Subcortical Sites in the Rat. <i>Journal of Neurochemistry</i> , 1980, 34, 91-99.	2.1	232
6	Behavioural and biochemical effects of dopamine and noradrenaline depletion within the medial prefrontal cortex of the rat. <i>Brain Research</i> , 1980, 192, 163-176.	1.1	222
7	Peripheral type benzodiazepine binding sites are a sensitive indirect index of neuronal damage. <i>Brain Research</i> , 1987, 421, 167-172.	1.1	191
8	Differential Control by N-Methyl-D-Aspartate and Kainate of Striatal Dopamine Release In Vivo: A Trans-Striatal Dialysis Study. <i>Journal of Neurochemistry</i> , 1988, 51, 462-468.	2.1	181
9	Topographical distribution of possible glutamatergic pathways from the frontal cortex to the striatum and substantia nigra in rats. <i>Neuropharmacology</i> , 1982, 21, 379-383.	2.0	167
10	Ifenprodil and SL 82.0715 are antagonists at the polyamine site of the N-methyl-D-aspartate (NMDA) receptor. <i>European Journal of Pharmacology</i> , 1989, 164, 611-612.	1.7	138
11	Convergence of genes implicated in Alzheimer's disease on the cerebral cholesterol shuttle: APP, cholesterol, lipoproteins, and atherosclerosis. <i>Neurochemistry International</i> , 2007, 50, 12-38.	1.9	132
12	Schizophrenia Susceptibility Genes Directly Implicated in the Life Cycles of Pathogens: Cytomegalovirus, Influenza, Herpes simplex, Rubella, and <i>Toxoplasma gondii</i> . <i>Schizophrenia Bulletin</i> , 2009, 35, 1163-1182.	2.3	115
13	Schizophrenia susceptibility genes converge on interlinked pathways related to glutamatergic transmission and long-term potentiation, oxidative stress and oligodendrocyte viability. <i>Schizophrenia Research</i> , 2006, 86, 1-14.	1.1	112
14	Inhibition of synaptosomal veratridine-induced sodium influx by antidepressants and neuroleptics used in chronic pain. <i>Neuroscience Letters</i> , 1996, 220, 117-120.	1.0	99
15	The effects of 5,7-dihydroxytryptamine lesions of extrapyramidal and mesolimbic sites on spontaneous motor behaviour, and amphetamine-induced stereotypy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1979, 308, 51-54.	1.4	92
16	Multiple genes and factors associated with bipolar disorder converge on growth factor and stress activated kinase pathways controlling translation initiation: Implications for oligodendrocyte viability. <i>Neurochemistry International</i> , 2007, 50, 461-490.	1.9	88
17	EIF2B and Oligodendrocyte Survival: Where Nature and Nurture Meet in Bipolar Disorder and Schizophrenia?. <i>Schizophrenia Bulletin</i> , 2006, 33, 1343-1353.	2.3	87
18	Selective Release of Spermine and Spermidine from the Rat Striatum by N-Methyl-d-Aspartate Receptor Activation In Vivo. <i>Journal of Neurochemistry</i> , 1992, 58, 2170-2175.	2.1	84

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19	Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products. <i>Neurochemistry International</i> , 2016, 101, 83-109.	1.9	79
20	Toxoplasmosis and Polygenic Disease Susceptibility Genes: Extensive <i>Toxoplasma gondii</i> Host/Pathogen Interactome Enrichment in Nine Psychiatric or Neurological Disorders. <i>Journal of Pathogens</i> , 2013, 2013, 1-29.	0.9	76
21	The <i>Porphyromonas gingivalis</i> /Host Interactome Shows Enrichment in GWASdb Genes Related to Alzheimer's Disease, Diabetes and Cardiovascular Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 408.	1.7	66
22	A study of the sites of interaction between dopamine and 5-hydroxytryptamine for the production of fluphenazine-induced catalepsy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1978, 304, 135-139.	1.4	63
23	Differential effects of central serotonin manipulation on hyperactive and stereotyped behaviour. <i>Life Sciences</i> , 1978, 23, 953-960.	2.0	58
24	Alzheimer's Disease: APP, Gamma Secretase, APOE, CLU, CR1, PICALM, ABCA7, BIN1, CD2AP, CD33, EPHA1, and MS4A2, and Their Relationships with Herpes Simplex, C. Pneumoniae, Other Suspect Pathogens, and the Immune System. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-34.	1.1	55
25	Ionic Mechanisms Implicated in the Stimulation of Cerebellar Cyclic GMP Levels by N-Methyl-D-Aspartate. <i>Journal of Neurochemistry</i> , 1987, 49, 195-200.	2.1	54
26	Interactions between the products of the Herpes simplex genome and Alzheimer's disease susceptibility genes: Relevance to pathological-signalling cascades. <i>Neurochemistry International</i> , 2008, 52, 920-934.	1.9	51
27	Genetic, Transcriptome, Proteomic, and Epidemiological Evidence for Blood-Brain Barrier Disruption and Polymicrobial Brain Invasion as Determinant Factors in Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2017, 1, 125-157.	1.2	47
28	The effects of N-methyl-d-aspartate and kainate lesions of the rat striatum on striatal ornithine decarboxylase activity and polyamine levels. <i>Brain Research</i> , 1991, 549, 205-212.	1.1	43
29	The role of 5-hydroxytryptamine in dopamine-dependent stereotyped behaviour. <i>Neuropharmacology</i> , 1981, 20, 261-265.	2.0	41
30	Differential modulation of [ <sup>3</sup> H]TCP binding to the NMDA receptor by L-glutamate and glycine. <i>European Journal of Pharmacology</i> , 1988, 149, 67-72.	1.7	38
31	Alzheimer's Disease: A Pathogenetic Autoimmune Disorder Caused by Herpes Simplex in a Gene-Dependent Manner. <i>International Journal of Alzheimer's Disease</i> , 2010, 2010, 1-17.	1.1	36
32	Glutamine synthetase activity in Huntington's disease. <i>Life Sciences</i> , 1982, 31, 1151-1159.	2.0	35
33	The pharmacology of native N-methyl-D-aspartate receptor subtypes: Different receptors control the release of different striatal and spinal transmitters. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1998, 22, 35-64.	2.5	33
34	Alzheimer's disease plaques and tangles: Cemeteries of a Pyrrhic victory of the immune defence network against herpes simplex infection at the expense of complement and inflammation-mediated neuronal destruction. <i>Neurochemistry International</i> , 2011, 58, 301-320.	1.9	33
35	Schizophrenia: A Pathogenetic Autoimmune Disease Caused by Viruses and Pathogens and Dependent on Genes. <i>Journal of Pathogens</i> , 2011, 2011, 1-37.	0.9	33
36	Difluoromethyl ornithine protects against the neurotoxic effects of intrastrially administered N-methyl-D-aspartate in vivo. <i>European Journal of Pharmacology</i> , 1991, 199, 267-269.	1.7	32

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37	Susceptibility genes are enriched in those of the herpes simplex virus 1/host interactome in psychiatric and neurological disorders. <i>Pathogens and Disease</i> , 2013, 69, 240-261.	0.8	29
38	5,7-dihydroxytryptamine lesions of the amygdala reduce amphetamine-and apomorphine-induced stereotyped behaviour in the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1980, 312, 235-238.	1.4	27
39	APP, APOE, complement receptor 1, clusterin and PICALM and their involvement in the herpes simplex life cycle. <i>Neuroscience Letters</i> , 2010, 483, 96-100.	1.0	27
40	Neurotoxic effects of the intrastriatal injection of spermine and spermidine: lack of involvement of NMDA receptors. <i>Brain Research</i> , 1992, 596, 183-188.	1.1	26
41	Striatal NMDA receptor subtypes: the pharmacology of N-methyl-d-aspartate-evoked dopamine, $^3$ H-aminobutyric acid, acetylcholine and spermidine release. <i>European Journal of Pharmacology</i> , 1995, 286, 61-70.	1.7	24
42	Release of spermidine from the rat cortex following permanent middle cerebral artery occlusion. <i>Fundamental and Clinical Pharmacology</i> , 1995, 9, 129-140.	1.0	18
43	Epstein-Barr and other viral mimicry of autoantigens, myelin and vitamin D-related proteins and of EIF2B, the cause of vanishing white matter disease: massive mimicry of multiple sclerosis relevant proteins by the <i>Synechococcus</i> phage. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 21-35.	1.1	17
44	Evidence for native NMDA receptor subtype pharmacology as revealed by differential effects on the NMDA-evoked release of striatal neuromodulators: Eliprodil, ifenprodil and other native NMDA receptor subtype selective compounds. <i>Neurochemistry International</i> , 1996, 29, 529-542.	1.9	14
45	Raised extracellular potassium relieves the blockade by magnesium of NMDA-induced cerebellar cyclic GMP production. <i>Neuroscience Letters</i> , 1987, 82, 201-205.	1.0	13
46	Autism genes and the leukocyte transcriptome in autistic toddlers relate to pathogen interactomes, infection and the immune system. A role for excess neurotrophic sAPP $\beta$ and reduced antimicrobial A $\beta$ 2. <i>Neurochemistry International</i> , 2019, 126, 36-58.	1.9	13
47	Extensive viral mimicry of 22 AIDS-related autoantigens by HIV-1 proteins and pathway analysis of 561 viral/human homologues suggest an initial treatable autoimmune component of AIDS. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 63, 254-268.	2.7	12
48	Noradrenaline Antagonizes and Ouabain Potentiates the Effects of iV-Methyl-D-Aspartate on Rat Cerebellar Cyclic GMP Production. <i>Journal of Neurochemistry</i> , 1988, 51, 944-949.	2.1	11
49	Ornithine decarboxylase inhibition or NMDA receptor antagonism reduce cortical polyamine efflux associated with dialysis probe implantation. <i>Neuroscience Letters</i> , 1993, 149, 173-176.	1.0	11
50	Pharmacology of N-methyl-d-aspartate-evoked [ $^3$ H]noradrenaline release in adult rat spinal cord. <i>European Journal of Pharmacology</i> , 1996, 308, 135-144.	1.7	11
51	SL25.1131 [3(S),3a(S)-3-Methoxymethyl-7-[4,4,4-trifluorobutoxy]-3,3a,4,5-tetrahydro-1,3-oxazolo[3,4-a]quinolin-1-one], a New, Reversible, and Mixed Inhibitor of Monoamine Oxidase-A and Monoamine Oxidase-B: Biochemical and Behavioral Profile. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 1171-1182.	1.3	11
52	Pathogen and autoantigen homologous regions within the cystic fibrosis transmembrane conductance regulator (CFTR) protein suggest an autoimmune treatable component of cystic fibrosis. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 197-214.	2.7	9
53	Glutamine synthetase and fructose-1, 6-diphosphatase activity in the putamen of control and Huntington's disease brain post mortem. <i>Life Sciences</i> , 1983, 32, 1949-1955.	2.0	8
54	2-Oxo-[ $^{14}$ C]glutarate is taken up by glutamatergic nerve terminals in the rat striatum. <i>Neuroscience Letters</i> , 1986, 72, 227-231.	1.0	8

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55	The Fox and the Rabbitsâ€™ Environmental Variables and Population Genetics (1) Replication Problems in Association Studies and the Untapped Power of GWAS (2) Vitamin A Deficiency, Herpes Simplex Reactivation and Other Causes of Alzheimer's Disease. ISRN Neurology, 2011, 2011, 1-29.	1.5	8
56	Implication of the polyamines in the neurotoxic effects of N-methyl-D-aspartate. Neurological Research, 1992, 14, 181-183.	0.6	7
57	Synergism between the NMDA receptor antagonistic effects of ifenprodil and the glycine antagonist, 7-chlorokynureate, in vivo. European Journal of Pharmacology, 1994, 255, 197-202.	1.7	7
58	A comparison of l- and d-baclofen on dopamine dependent behaviour in the rat. Neuropharmacology, 1979, 18, 655-659.	2.0	6
59	Increased alanine aminotransferase activity in the Huntington's disease putamen. Journal of the Neurological Sciences, 1984, 66, 27-32.	0.3	6
60	Possible Involvement of Frontal-Cortical Catecholamine Systems in the Regulation of Neurotransmitter Mechanisms at Sub-cortical Sites in the Rat Brain. Biochemical Society Transactions, 1979, 7, 140-143.	1.6	4
61	Reduced GABA transaminase activity in the Huntington's disease putamen. Neuroscience Letters, 1984, 48, 339-342.	1.0	3
62	Potentiation of haloperidol-induced catalepsy by dopamine agonists: Possible involvement of central 5-hydroxytryptamine. Pharmacology Biochemistry and Behavior, 1979, 10, 475-480.	1.3	2
63	Enzymes of carbohydrate and amino acid metabolism in the human brain. Biochemical Society Transactions, 1985, 13, 957-958.	1.6	1
64	Sodium dependence of NMDA's effects on cyclic GMP production in immature rat cerebellar slices. Neuroscience Letters, 1988, 93, 324-329.	1.0	1
65	Vaccinia and other viruses with available vaccines show marked homology with the HIV-1 envelope glycoprotein: The prospect of using existing vaccines to stem the AIDS pandemic. Immunopharmacology and Immunotoxicology, 2012, 34, 222-231.	1.1	1
66	Abnormal carbohydrate and amino acid metabolism in the Huntington's disease brain. Biochemical Society Transactions, 1985, 13, 958-959.	1.6	0
67	Ifenprodil and SL 82.0715 antagonize the effects of NMDA via a polyamine-sensitive modulatory site. , 1990, , 547-555.		0