

Mark D Underwood

List of Publications by Year in descending order

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83
papers

6,737
citations

76294

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71651

76
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86
all docs

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docs citations

86
times ranked

5924
citing authors

#	ARTICLE	IF	CITATIONS
1	Less NMDA Receptor Binding in Dorsolateral Prefrontal Cortex and Anterior Cingulate Cortex Associated With Reported Early-Life Adversity but Not Suicide. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 311-318.	1.0	9
2	Lipocalin-2 is an anorexigenic signal in primates. <i>ELife</i> , 2020, 9, .	2.8	27
3	Early-Life Adversity, but Not Suicide, Is Associated With Less Prefrontal Cortex Gray Matter in Adulthood. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 349-357.	1.0	27
4	Brain region-specific alterations of RNA editing in PDE8A mRNA in suicide decedents. <i>Translational Psychiatry</i> , 2019, 9, 91.	2.4	18
5	5-HT _{1A} receptor, 5-HT _{2A} receptor and serotonin transporter binding in the human auditory cortex in depression. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 294-302.	1.4	16
6	Association of BDNF Val66Met Polymorphism and Brain BDNF Levels with Major Depression and Suicide. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 528-538.	1.0	142
7	Serotonin receptors and suicide, major depression, alcohol use disorder and reported early life adversity. <i>Translational Psychiatry</i> , 2018, 8, 279.	2.4	92
8	Disconnect Between Brainstem Serotonin Neurons And Prefrontal Cortex Serotonin Receptors In Suicide. <i>Acta Psychopathologica</i> , 2018, 04, .	0.1	0
9	Radiosynthesis and in vivo evaluation of [¹¹ C]MOV as a PET imaging agent for COX-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2432-2435.	1.0	10
10	Dysregulation of Striatal Dopamine Receptor Binding in Suicide. <i>Neuropsychopharmacology</i> , 2017, 42, 974-982.	2.8	45
11	Autoradiographic Evaluation of [¹⁸ F]FECUMI-101, a High Affinity 5-HT _{1A} R Ligand in Human Brain. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 482-486.	1.3	5
12	Cigarette Smoking and Tryptophan Hydroxylase 2 mRNA in the Dorsal Raphe Nucleus in Suicides. <i>Archives of Suicide Research</i> , 2016, 20, 451-462.	1.2	2
13	The Neurobiology of Suicide and Implications for Treatment and Prevention. , 2015, , .		0
14	Synthesis and in vitro evaluation of [18F]FECIMBI-36: A potential agonist PET ligand for 5-HT _{2A/2C} receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3933-3936.	1.0	17
15	Elevated serotonin and 5-HIAA in the brainstem and lower serotonin turnover in the prefrontal cortex of suicides. <i>Synapse</i> , 2014, 68, 127-130.	0.6	24
16	Alcoholics Have More Tryptophan Hydroxylase 2 mRNA and Protein in the Dorsal and Median Raphe Nuclei. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1894-1901.	1.4	19
17	Synthesis and in vitro evaluation of [18F]BMS-754807: A potential PET ligand for IGF-1R. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4191-4194.	1.0	13
18	Autoradiographic evaluation of [3H]CUMI-101, a novel, selective 5-HT _{1A} R ligand in human and baboon brain. <i>Brain Research</i> , 2013, 1507, 11-18.	1.1	13

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19	Identifying novel phenotypes of vulnerability and resistance to activity-based anorexia in adolescent female rats. <i>International Journal of Eating Disorders</i> , 2013, 46, 737-746.	2.1	22
20	Neuron density and serotonin receptor binding in prefrontal cortex in suicide. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 435-447.	1.0	82
21	Synthesis and in vitro evaluation of [18F](R)-FEPAQ: A potential PET ligand for VEGFR2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5104-5107.	1.0	9
22	Hippocampal Angiogenesis and Progenitor Cell Proliferation Are Increased with Antidepressant Use in Major Depression. <i>Biological Psychiatry</i> , 2012, 72, 562-571.	0.7	265
23	Evidence for Neurodegeneration and Neuroplasticity as Part of the Neurobiology of Suicide. <i>Biological Psychiatry</i> , 2011, 70, 306-307.	0.7	21
24	Neuronal tryptophan hydroxylase expression in BALB/c and C57Bl/6J mice. <i>Journal of Neurochemistry</i> , 2011, 118, 1067-1074.	2.1	28
25	Ex vivo evaluation of the serotonin 1A receptor partial agonist [³ H]CUMI-101 in awake rats. <i>Synapse</i> , 2011, 65, 715-723.	0.6	8
26	Binding saturation with the serotonin 1A receptor agonist [H-3]CUMI-101 and the antagonist [H-3]MPPF, in awake rats. <i>NeuroImage</i> , 2010, 52, S70.	2.1	0
27	Unión al autorreceptor 5-HT1A de la serotonina en el núcleo dorsal del rafe en muestras de tejido de víctimas de suicidio deprimidas. <i>Psiquiatría Biológica</i> , 2010, 17, 12-21.	0.0	0
28	Unaltered neuronal and glial counts in animal models of magnetic seizure therapy and electroconvulsive therapy. <i>Neuroscience</i> , 2009, 164, 1557-1564.	1.1	39
29	Antidepressants increase neural progenitor cells in the human hippocampus. <i>Neuropsychopharmacology</i> , 2009, 34, 2376-2389.	2.8	588
30	Family History of Alcoholism Is Associated With Lower 5-HT _{2A} Receptor Binding in the Prefrontal Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 593-599.	1.4	22
31	Norepinephrine and serotonin imbalance in the locus coeruleus in bipolar disorder. <i>Bipolar Disorders</i> , 2008, 10, 349-359.	1.1	58
32	Serotonin-1A autoreceptor binding in the dorsal raphe nucleus of depressed suicides. <i>Journal of Psychiatric Research</i> , 2008, 42, 433-442.	1.5	158
33	Synthesis and in vivo evaluation of [18F]-4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide as a PET imaging probe for COX-2 expression. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1802-1807.	1.4	108
34	Morphometry of Dorsal Raphe Nucleus Serotonergic Neurons in Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 837-845.	1.4	26
35	Higher Postmortem Prefrontal 5-HT _{2A} Receptor Binding Correlates with Lifetime Aggression in Suicide. <i>Biological Psychiatry</i> , 2006, 59, 235-243.	0.7	87
36	Neuronal Tryptophan Hydroxylase mRNA Expression in the Human Dorsal and Median Raphe Nuclei: Major Depression and Suicide. <i>Neuropsychopharmacology</i> , 2006, 31, 814-824.	2.8	172

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37	Dr. Dwork and Colleagues Reply. American Journal of Psychiatry, 2005, 162, 196-196.	4.0	0
38	More tryptophan hydroxylase in the brainstem dorsal raphe nucleus in depressed suicides. Brain Research, 2005, 1041, 19-28.	1.1	155
39	In vivo Biodistribution of Ginkgolide B, a Constituent of Ginkgo biloba, Visualized by MicroPET. Planta Medica, 2005, 71, 622-627.	0.7	21
40	Molecular aging in human prefrontal cortex is selective and continuous throughout adult life. Biological Psychiatry, 2005, 57, 549-558.	0.7	202
41	Serotonergic and Noradrenergic Neurobiology of Alcoholic Suicide. Alcoholism: Clinical and Experimental Research, 2004, 28, 57S-69S.	1.4	48
42	Synthesis of [O-Methyl-11C] 1-(2-chlorophenyl)-5-(4-methoxyphenyl)-4-methyl-1H-pyrazole-3-carboxylic Acid Piperidin-1-ylamide: A Potential PET Ligand for CB1 Receptors.. ChemInform, 2004, 35, no.	0.1	0
43	Synthesis of [O-methyl-11C]1-(2-chlorophenyl)-5-(4-methoxyphenyl)-4-methyl-1H-pyrazole-3-carboxylic acid piperidin-1-ylamide: a potential PET ligand for CB1 receptors. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2393-2396.	1.0	18
44	Immobilization stress elevates tryptophan hydroxylase mRNA and protein in the rat raphe nuclei. Biological Psychiatry, 2004, 55, 278-283.	0.7	67
45	Absence of Histological Lesions in Primate Models of ECT and Magnetic Seizure Therapy. American Journal of Psychiatry, 2004, 161, 576-578.	4.0	90
46	Genetics of the serotonergic system in suicidal behavior. Journal of Psychiatric Research, 2003, 37, 375-386.	1.5	209
47	Altered depression-related behaviors and functional changes in the dorsal raphe nucleus of serotonin transporter-deficient mice. Biological Psychiatry, 2003, 54, 960-971.	0.7	338
48	Chapter 35 Serotonin brain circuits involved in major depression and suicide. Progress in Brain Research, 2002, 136, 443-453.	0.9	228
49	Serotonin 1A Receptors, Serotonin Transporter Binding and Serotonin Transporter mRNA Expression in the Brainstem of Depressed Suicide Victims. Neuropsychopharmacology, 2001, 25, 892-903.	2.8	325
50	In vitro autoradiography of serotonin 5-HT _{2A/2C} receptor-activated G protein: Guanosine-5'-(?-[³⁵ S]thio)triphosphate binding in rat brain. Journal of Neuroscience Research, 2000, 61, 674-685.	1.3	42
51	A Serotonin Transporter Gene Promoter Polymorphism (5-HTTLPR) and Prefrontal Cortical Binding in Major Depression and Suicide. Archives of General Psychiatry, 2000, 57, 729.	13.8	535
52	The human nucleus of the solitary tract: visceral pathways revealed with an <i>in vitro</i> postmortem tracing method. Journal of the Autonomic Nervous System, 2000, 79, 181-190.	1.9	72
53	Mixed models and multiple comparisons in analysis of human neurochemical maps. Psychiatry Research - Neuroimaging, 2000, 99, 111-119.	0.9	12
54	Dorsal raphe nucleus serotonergic neurons innervate the rostral ventrolateral medulla in rat. Brain Research, 1999, 824, 45-55.	1.1	44

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55	Corticotropin-releasing hormone and serotonin interact in the human brainstem: behavioral implications. <i>Neuroscience</i> , 1999, 91, 1343-1354.	1.1	82
56	Morphometry of the dorsal raphe nucleus serotonergic neurons in suicide victims. <i>Biological Psychiatry</i> , 1999, 46, 473-483.	0.7	153
57	In vivo biodistribution of a radiotracer for imaging serotonin-1a receptor sites with pet: [11C]Ly274601. <i>Life Sciences</i> , 1998, 63, 1533-1542.	2.0	19
58	BIOLOGIC ALTERATIONS IN THE BRAINSTEM OF SUICIDES. <i>Psychiatric Clinics of North America</i> , 1997, 20, 581-593.	0.7	28
59	Postmortem Findings in Suicide Victims. Implications for in Vivo Imaging Studies. <i>Annals of the New York Academy of Sciences</i> , 1997, 836, 269-287.	1.8	104
60	Fewer pigmented locus coeruleus neurons in suicide victims: Preliminary results. <i>Biological Psychiatry</i> , 1996, 39, 112-120.	0.7	147
61	Differential Age-Related Loss of Pigmented Locus Coeruleus Neurons in Suicides, Alcoholics, and Alcoholic Suicides. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 1141-1148.	1.4	18
62	LETTER TO THE EDITOR. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 786-787.	1.4	0
63	Localized alterations in pre- and postsynaptic serotonin binding sites in the ventrolateral prefrontal cortex of suicide victims. <i>Brain Research</i> , 1995, 688, 121-133.	1.1	425
64	Effect of chemical stimulation of the dorsal raphe nucleus on cerebral blood flow in rat. <i>Neuroscience Letters</i> , 1995, 199, 228-230.	1.0	13
65	Fewer pigmented neurons in the locus coeruleus of uncomplicated alcoholics. <i>Brain Research</i> , 1994, 650, 1-8.	1.1	50
66	Lesions of the rostral ventrolateral medulla reduce the cerebrovascular response to hypoxia. <i>Brain Research</i> , 1994, 635, 217-223.	1.1	31
67	Electroconvulsive shock increases tyrosine hydroxylase and neuropeptide Y gene expression in the locus coeruleus. <i>Molecular Brain Research</i> , 1993, 18, 121-126.	2.5	18
68	Computerized Three-Dimensional Reconstruction Reveals Cerebrovascular Regulatory Subregions in Rat Brain Stem. <i>NeuroImage</i> , 1993, 1, 79-86.	2.1	2
69	Alterations in Monoamine Receptors in the Brain of Suicide Victims. <i>Journal of Clinical Psychopharmacology</i> , 1992, 12, 13S.	0.7	42
70	Stimulation of C1 Area Neurons Globally Increases Regional Cerebral Blood Flow but Not Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 844-855.	2.4	43
71	Regulation of Cortical Blood Flow by the Dorsal Raphe Nucleus: Topographic Organization of Cerebrovascular Regulatory Regions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 664-673.	2.4	38
72	Electrical Stimulation of Cerebellar Fastigial Nucleus Reduces Ischemic Infarction Elicited by Middle Cerebral Artery Occlusion in Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 810-818.	2.4	68

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73	Serotonin and Suicidal Behavior. <i>Annals of the New York Academy of Sciences</i> , 1990, 600, 476-484.	1.8	79
74	Synthesis, release and receptor binding of acetylcholine in the C1 area of the rostral ventrolateral medulla: contributions in regulating arterial pressure. <i>Brain Research</i> , 1990, 511, 98-112.	1.1	39
75	Plasma epinephrine modulates the cerebrovasodilation evoked by electrical stimulation of dorsal medulla. <i>Brain Research</i> , 1990, 506, 93-100.	1.1	12
76	Glutathione metabolism at the blood-cerebrospinal fluid barrier. <i>FASEB Journal</i> , 1989, 3, 2527-2531.	0.2	70
77	Content and In Vitro Release of Endogenous Amino Acids in the Area of the Nucleus of the Solitary Tract of the Rat. <i>Journal of Neurochemistry</i> , 1989, 53, 1807-1817.	2.1	98
78	Local cholinergic mechanisms participate in the increase in cortical cerebral blood flow elicited by electrical stimulation of the fastigial nucleus in rat. <i>Brain Research</i> , 1987, 411, 212-225.	1.1	49
79	Inactivation of rat hepatic cytochrome P-450 by spironolactone. <i>Biochemical and Biophysical Research Communications</i> , 1986, 136, 1162-1169.	1.0	30
80	A novel vasodepressor response elicited from the rat cerebellar fastigial nucleus: the fastigial depressor response. <i>Brain Research</i> , 1986, 370, 378-382.	1.1	68
81	Muscarinic cholinergic receptors mediate the cerebrovasodilation elicited by stimulation of the cerebellar fastigial nucleus in rat. <i>Brain Research</i> , 1986, 368, 375-379.	1.1	34
82	Autonomic and somatomotor effects of amygdala central N. stimulation in awake rabbits. <i>Physiology and Behavior</i> , 1983, 31, 353-360.	1.0	210
83	Cardiovascular responses elicited by electrical stimulation of the amygdala central nucleus in the rabbit. <i>Brain Research</i> , 1982, 234, 251-262.	1.1	189