

George M Anderson

List of Publications by Year in descending order

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253
papers

15,870
citations

11651

70
h-index

22166

113
g-index

254
all docs

254
docs citations

254
times ranked

14839
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased Adrenocorticotrophic Hormone and Cortisol Responses to Stress in Healthy Adults Reporting Significant Childhood Maltreatment. <i>Biological Psychiatry</i> , 2007, 62, 1080-1087.	1.3	458
2	Hippocampal volume, memory, and cortisol status in major depressive disorder: effects of treatment. <i>Biological Psychiatry</i> , 2004, 56, 101-112.	1.3	454
3	Association between Plasma IL-6 Response to Acute Stress and Early-Life Adversity in Healthy Adults. <i>Neuropsychopharmacology</i> , 2010, 35, 2617-2623.	5.4	378
4	Hypothalamic-pituitary-adrenal axis and sympatho-adreno-medullary responses during stress-induced and drug cue-induced cocaine craving states. <i>Psychopharmacology</i> , 2003, 170, 62-72.	3.1	365
5	WHOLE BLOOD SEROTONIN IN AUTISTIC AND NORMAL SUBJECTS. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 1987, 28, 885-900.	5.2	287
6	Tryptophan Depletion During Continuous CSF Sampling in Healthy Human Subjects. <i>Neuropsychopharmacology</i> , 1998, 19, 26-35.	5.4	270
7	Sex differences in emotional and physiological responses to the Trier Social Stress Test. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2008, 39, 87-98.	1.2	258
8	Interaction of Childhood Maltreatment with the Corticotropin-Releasing Hormone Receptor Gene: Effects on Hypothalamic-Pituitary-Adrenal Axis Reactivity. <i>Biological Psychiatry</i> , 2009, 66, 681-685.	1.3	254
9	A Quantitative-Trait Analysis of Human Plasmaâ€™Dopamine Î²-Hydroxylase Activity: Evidence for a Major Functional Polymorphism at the DBH Locus. <i>American Journal of Human Genetics</i> , 2001, 68, 515-522.	6.2	253
10	Nocturnal excretion of 6-sulphatoxymelatonin in children and adolescents with autistic disorder. <i>Biological Psychiatry</i> , 2005, 57, 134-138.	1.3	238
11	Pharmacogenetics and the serotonin system: initial studies and future directions. <i>European Journal of Pharmacology</i> , 2000, 410, 165-181.	3.5	236
12	Effect of Childhood Emotional Abuse and Age on Cortisol Responsivity in Adulthood. <i>Biological Psychiatry</i> , 2009, 66, 69-75.	1.3	233
13	Childhood Parental Loss and Adult Hypothalamic-Pituitary-Adrenal Function. <i>Biological Psychiatry</i> , 2008, 63, 1147-1154.	1.3	221
14	Distinct Microbiome-Neuroimmune Signatures Correlate With Functional Abdominal Pain in Children With Autism Spectrum Disorder. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 218-230.	4.5	219
15	Histidine Decarboxylase Deficiency Causes Tourette Syndrome: Parallel Findings in Humans and Mice. <i>Neuron</i> , 2014, 81, 77-90.	8.1	212
16	Maternal Inflammation Disrupts Fetal Neurodevelopment via Increased Placental Output of Serotonin to the Fetal Brain. <i>Journal of Neuroscience</i> , 2016, 36, 6041-6049.	3.6	198
17	Emergence of Self-Destructive Phenomena in Children and Adolescents during Fluoxetine Treatment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1991, 30, 179-186.	0.5	195
18	The Hyperserotonemia of Autism ^a. <i>Annals of the New York Academy of Sciences</i> , 1990, 600, 331-340.	3.8	187

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19	Platelet Serotonin Levels in Pervasive Developmental Disorders and Mental Retardation: Diagnostic Group Differences, Within-Group Distribution, and Behavioral Correlates. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2004, 43, 491-499.	0.5	186
20	Relationship Among Plasma Cortisol, Catecholamines, Neuropeptide Y, and Human Performance During Exposure to Uncontrollable Stress. <i>Psychosomatic Medicine</i> , 2001, 63, 412-422.	2.0	171
21	Determination of serotonin in whole blood, platelet-rich plasma, platelet-poor plasma and plasma ultrafiltrate. <i>Life Sciences</i> , 1987, 40, 1063-1070.	4.3	163
22	Plasma β -Endorphin, Adrenocorticotropin Hormone, and Cortisol in Autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 1997, 38, 705-715.	5.2	160
23	Pathogenesis of Tourette's Syndrome. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 1997, 38, 119-142.	5.2	154
24	Cerebrospinal Fluid Biogenic Amines in Obsessive Compulsive Disorder, Tourette's Syndrome, and Healthy Controls. <i>Neuropsychopharmacology</i> , 1995, 12, 73-86.	5.4	150
25	Melatonin: Roles in influenza, Covid-19, and other viral infections. <i>Reviews in Medical Virology</i> , 2020, 30, e2109.	8.3	149
26	Frequency of recent cocaine and alcohol use affects drug craving and associated responses to stress and drug-related cues. <i>Psychoneuroendocrinology</i> , 2005, 30, 880-891.	2.7	146
27	Platelet serotonin studies in hyperserotonemic relatives of children with autistic disorder. <i>Life Sciences</i> , 1993, 52, 2005-2015.	4.3	142
28	Effects of Short- and Long-Term Risperidone Treatment on Prolactin Levels in Children with Autism. <i>Biological Psychiatry</i> , 2007, 61, 545-550.	1.3	142
29	Platelet and whole blood serotonin content in depressed inpatients: Correlations with acute and life-time psychopathology. <i>Biological Psychiatry</i> , 1992, 32, 243-257.	1.3	139
30	Prazosin Effects on Stress- and Cue-Induced Craving and Stress Response in Alcohol-Dependent Individuals: Preliminary Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 351-360.	2.4	136
31	Effects of Early Life Stress on [11C]DASB Positron Emission Tomography Imaging of Serotonin Transporters in Adolescent Peer- and Mother-Reared Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2006, 26, 4638-4643.	3.6	134
32	Mother-infant interactions in free-ranging rhesus macaques: Relationships between physiological and behavioral variables. <i>Physiology and Behavior</i> , 2009, 96, 613-619.	2.1	132
33	Dopamine β -hydroxylase: two polymorphisms in linkage disequilibrium at the structural gene DBH associate with biochemical phenotypic variation. <i>Human Genetics</i> , 1998, 102, 533-540.	3.8	127
34	Pain Reactivity and Plasma β -Endorphin in Children and Adolescents with Autistic Disorder. <i>PLoS ONE</i> , 2009, 4, e5289.	2.5	127
35	Shared metabolic and immune-inflammatory, oxidative and nitrosative stress pathways in the metabolic syndrome and mood disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 78, 34-50.	4.8	126
36	Autism as a Disorder of Biological and Behavioral Rhythms: Toward New Therapeutic Perspectives. <i>Frontiers in Pediatrics</i> , 2015, 3, 1.	1.9	123

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37	Effects of Diagnosis, Race, and Puberty on Platelet Serotonin Levels in Autism and Mental Retardation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1998, 37, 767-776.	0.5	120
38	Serotonin transporter promoter variants in autism: functional effects and relationship to platelet hyperserotonemia. <i>Molecular Psychiatry</i> , 2002, 7, 831-836.	7.9	119
39	Inhibitor of the Tyrosine Phosphatase STEP Reverses Cognitive Deficits in a Mouse Model of Alzheimer's Disease. <i>PLoS Biology</i> , 2014, 12, e1001923.	5.6	119
40	Weight and Leptin Changes Among Risperidone-Treated Youths With Autism: 6-Month Prospective Data. <i>American Journal of Psychiatry</i> , 2004, 161, 1125-1127.	7.2	115
41	Maternal Sertraline Treatment and Serotonin Transport in Breast-Feeding Mother-Infant Pairs. <i>American Journal of Psychiatry</i> , 2001, 158, 1631-1637.	7.2	113
42	Serotonin transporter variant drives preventable gastrointestinal abnormalities in development and function. <i>Journal of Clinical Investigation</i> , 2016, 126, 2221-2235.	8.2	112
43	Effects of dopamine β -hydroxylase genotype and disulfiram inhibition on catecholamine homeostasis in mice. <i>Psychopharmacology</i> , 2005, 183, 72-80.	3.1	109
44	Clinical neurochemistry of autism and associated disorders. <i>Journal of Autism and Developmental Disorders</i> , 1982, 12, 147-165.	2.7	107
45	Placental Trophoblast Inclusions in Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2007, 61, 487-491.	1.3	106
46	Day and nighttime excretion of 6-sulphatoxymelatonin in adolescents and young adults with autistic disorder. <i>Psychoneuroendocrinology</i> , 2012, 37, 1990-1997.	2.7	106
47	Sertraline and Breast-Feeding. <i>New England Journal of Medicine</i> , 1997, 336, 1189-1190.	27.0	105
48	Are Patients With Schizophrenia Insensitive to Pain? A Reconsideration of the Question. <i>Clinical Journal of Pain</i> , 2009, 25, 244-252.	1.9	104
49	Effect of vagus nerve stimulation on cerebrospinal fluid monoamine metabolites, norepinephrine, and gamma-aminobutyric acid concentrations in depressed patients. <i>Biological Psychiatry</i> , 2004, 56, 418-426.	1.3	103
50	Macrophage Migration Inhibitory Factor and Autism Spectrum Disorders. <i>Pediatrics</i> , 2008, 122, e438-e445.	2.1	103
51	Advances in the Research of Melatonin in Autism Spectrum Disorders: Literature Review and New Perspectives. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20508-20542.	4.1	103
52	Genetics of Childhood Disorders: XLV. Autism, Part 4: Serotonin in Autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2002, 41, 1513-1516.	0.5	102
53	The Measurement of Platelet-Poor Plasma Serotonin: A Systematic Review of Prior Reports and Recommendations for Improved Analysis. <i>Clinical Chemistry</i> , 2011, 57, 1376-1386.	3.2	97
54	Enhanced stress responsivity of tourette syndrome patients undergoing lumbar puncture. <i>Biological Psychiatry</i> , 1994, 36, 35-43.	1.3	95

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55	Low-dose fluvoxamine treatment of children and adolescents with pervasive developmental disorders: a prospective, open-label study. <i>Journal of Autism and Developmental Disorders</i> , 2003, 33, 77-85.	2.7	94
56	Activators of protein kinase C decrease serotonin transport in human platelets. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1137, 331-337.	4.1	93
57	The Role of Aberrations in the Immune-Inflammatory Response System (IRS) and the Compensatory Immune-Regulatory Reflex System (CIRS) in Different Phenotypes of Schizophrenia: the IRS-CIRS Theory of Schizophrenia. <i>Molecular Neurobiology</i> , 2020, 57, 778-797.	4.0	93
58	The Origin of Indoleacetic Acid and Indolepropionic Acid in Rat and Human Cerebrospinal Fluid. <i>Journal of Neurochemistry</i> , 1980, 34, 1087-1092.	3.9	85
59	Cerebrospinal fluid levels of oxytocin in Prader-Willi syndrome: a preliminary report. <i>Biological Psychiatry</i> , 1998, 44, 1349-1352.	1.3	84
60	Liquid chromatographic-fluorometric system for the determination of indoles in physiological samples. <i>Analytical Chemistry</i> , 1979, 51, 283-286.	6.5	83
61	The Structure of Linkage Disequilibrium at the DBH Locus Strongly Influences the Magnitude of Association between Diallelic Markers and Plasma Dopamine β -Hydroxylase Activity. <i>American Journal of Human Genetics</i> , 2003, 72, 1389-1400.	6.2	81
62	Attachment and emotion in school-aged children.. <i>Emotion</i> , 2010, 10, 475-485.	1.8	81
63	Elevated cerebrospinal fluid corticotropin-releasing factor in Tourette's syndrome: Comparison to obsessive compulsive disorder and normal controls. <i>Biological Psychiatry</i> , 1996, 39, 776-783.	1.3	80
64	Antibrain antibodies in infantile autism. <i>Biological Psychiatry</i> , 1988, 23, 644-647.	1.3	79
65	Cerebrospinal fluid levels of homovanillic acid and 5-hydroxyindoleacetic acid in autism. <i>Biological Psychiatry</i> , 1993, 33, 630-635.	1.3	78
66	Autism Biomarkers: Challenges, Pitfalls and Possibilities. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 1103-1113.	2.7	78
67	Hypothalamic-Pituitary-Adrenal Hypofunction in Myalgic Encephalomyelitis (ME)/Chronic Fatigue Syndrome (CFS) as a Consequence of Activated Immune-Inflammatory and Oxidative and Nitrosative Pathways. <i>Molecular Neurobiology</i> , 2017, 54, 6806-6819.	4.0	77
68	Linking the biological underpinnings of depression: Role of mitochondria interactions with melatonin, inflammation, sirtuins, tryptophan catabolites, DNA repair and oxidative and nitrosative stress, with consequences for classification and cognition. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 255-266.	4.8	77
69	A genotype-controlled analysis of plasma dopamine β -hydroxylase in healthy and alcoholic subjects: evidence for alcohol-related differences in noradrenergic function. <i>Biological Psychiatry</i> , 2002, 52, 1151-1158.	1.3	75
70	Epigenetic abnormalities associated with a chromosome 18(q21-q22) inversion and a Gilles de la Tourette syndrome phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4684-4689.	7.1	73
71	Effects of glucocorticoids on declarative memory function in major depression. <i>Biological Psychiatry</i> , 2004, 55, 811-815.	1.3	72
72	Gut Dysbiosis Dysregulates Central and Systemic Homeostasis via Suboptimal Mitochondrial Function: Assessment, Treatment and Classification Implications. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 524-539.	2.1	71

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73	A Double-Blind, Placebo-Controlled, Crossover Trial of an Antiandrogen in the Treatment of Tourette's Syndrome. <i>Journal of Clinical Psychopharmacology</i> , 1998, 18, 324-331.	1.4	69
74	Maternal Fluoxetine Treatment in the Postpartum Period: Effects on Platelet Serotonin and Plasma Drug Levels in Breastfeeding Mother-Infant Pairs. <i>Pediatrics</i> , 2003, 112, e425-e425.	2.1	67
75	Brief Report: Whole Blood Serotonin Levels and Gastrointestinal Symptoms in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 1124-1130.	2.7	67
76	Schizophrenia is primed for an increased expression of depression through activation of immuno-inflammatory, oxidative and nitrosative stress, and tryptophan catabolite pathways. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 42, 101-114.	4.8	66
77	Altered circadian patterns of salivary cortisol in low-functioning children and adolescents with autism. <i>Psychoneuroendocrinology</i> , 2014, 50, 227-245.	2.7	66
78	Temperament and hypothalamic-pituitary-adrenal axis function in healthy adults. <i>Psychoneuroendocrinology</i> , 2006, 31, 1036-1045.	2.7	65
79	Cortical Serotonin Type-2 Receptor Density in Parents of Children with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 97-104.	2.7	65
80	Examining Autism Spectrum Disorders by Biomarkers: Example From the Oxytocin and Serotonin Systems. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 712-721.e1.	0.5	65
81	Steady-state model for plasma free and platelet serotonin in man. <i>Life Sciences</i> , 1987, 41, 1777-1785.	4.3	64
82	A Liquid Chromatographic-Tandem Mass Spectrometric Method for the Analysis of Serotonin and Related Indoles in Human Whole Blood. <i>Journal of Analytical Toxicology</i> , 2003, 27, 440-444.	2.8	63
83	Dex/CRH test cortisol response in outpatients with major depression and matched healthy controls. <i>Psychoneuroendocrinology</i> , 2009, 34, 1208-1213.	2.7	63
84	The Roles of Maternal Depression, Serotonin Reuptake Inhibitor Treatment, and Concomitant Benzodiazepine Use on Infant Neurobehavioral Functioning Over the First Postnatal Month. <i>American Journal of Psychiatry</i> , 2016, 173, 147-157.	7.2	62
85	Cortisol and ACTH responses to the Dex/CRH Test: Influence of temperament. <i>Hormones and Behavior</i> , 2008, 53, 518-525.	2.1	60
86	Genotype-controlled analysis of plasma dopamine β -hydroxylase activity in psychotic unipolar major depression. <i>Biological Psychiatry</i> , 2002, 51, 358-364.	1.3	58
87	Relationships between cerebrospinal fluid GABAergic neurosteroid levels and symptom severity in men with PTSD. <i>Psychoneuroendocrinology</i> , 2019, 102, 95-104.	2.7	58
88	Determination of indoles in human and rat pineal. <i>Biomedical Applications</i> , 1982, 228, 155-163.	1.7	57
89	Possible change in noradrenergic receptor sensitivity following methylphenidate treatment: Growth hormone and MHPG response to clonidine challenge in children with attention deficit disorder and hyperactivity. <i>Life Sciences</i> , 1984, 35, 885-897.	4.3	54
90	Differential effects of selective dopamine, norepinephrine or catecholamine depletion on activity and learning in the developing rat. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 19, 743-749.	2.9	53

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91	Peripheral serotonin measures in prepubertal psychiatric inpatients and normal children: associations with suicidal behavior and its risk factors. <i>Biological Psychiatry</i> , 1998, 44, 568-577.	1.3	53
92	Urinary Excretion of 5-Hydroxyindoleacetic Acid, Serotonin and 6-Sulphatoxymelatonin in Normoserotonemic and Hyperserotonemic Autistic Individuals. <i>Neuropsychobiology</i> , 2010, 61, 27-32.	1.9	53
93	Impact of Maternal Serotonin Transporter Genotype on Placental Serotonin, Fetal Forebrain Serotonin, and Neurodevelopment. <i>Neuropsychopharmacology</i> , 2017, 42, 427-436.	5.4	53
94	Noradrenergic and adrenergic functioning in autism. <i>Biological Psychiatry</i> , 1994, 36, 237-241.	1.3	52
95	Serotonin transporter intron 2 polymorphism associated with rigid-compulsive behaviors in Dutch individuals with pervasive developmental disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 133B, 93-96.	1.7	52
96	Indoleamine Metabolism in Rat Brain Studied Through Measurements of Tryptophan, 5-Hydroxyindoleacetic Acid, and Indoleacetic Acid in Cerebrospinal Fluid. <i>Journal of Neurochemistry</i> , 1980, 34, 309-315.	3.9	50
97	Neurochemical Correlates of Attention Deficit Disorder. <i>Pediatric Clinics of North America</i> , 1984, 31, 387-396.	1.8	50
98	Increased Root Canal Endotoxin Levels are Associated with Chronic Apical Periodontitis, Increased Oxidative and Nitrosative Stress, Major Depression, Severity of Depression, and a Lowered Quality of Life. <i>Molecular Neurobiology</i> , 2018, 55, 2814-2827.	4.0	50
99	Urinary 5-hydroxyindoleacetic acid and whole blood serotonin and tryptophan in autistic and normal subjects. <i>Biological Psychiatry</i> , 1987, 22, 933-940.	1.3	49
100	Reduced levels of the tyrosine phosphatase STEP block beta amyloid β -mediated GluA1/GluA2 receptor internalization. <i>Journal of Neurochemistry</i> , 2011, 119, 664-672.	3.9	49
101	Interactions of Tryptophan and Its Catabolites With Melatonin and the Alpha 7 Nicotinic Receptor in Central Nervous System and Psychiatric Disorders: Role of the Aryl Hydrocarbon Receptor and Direct Mitochondria Regulation. <i>International Journal of Tryptophan Research</i> , 2017, 10, 117864691769173.	2.3	48
102	Factors Influencing Melatonin, 5-Hydroxytryptophol, 5-Hydroxyindoleacetic Acid, 5-Hydroxytryptamine and Tryptophan in Rat Pineal Glands. <i>Neuroendocrinology</i> , 1982, 35, 464-468.	2.5	47
103	Neurochemical Study of Dopamine Functioning in Autistic and Normal Subjects. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1989, 28, 190-194.	0.5	47
104	Plasma androgens in autism. <i>Journal of Autism and Developmental Disorders</i> , 1995, 25, 295-304.	2.7	47
105	Platelet Serotonin in Newborns and Infants: Ontogeny, Heritability, and Effect of In Utero Exposure to Selective Serotonin Reuptake Inhibitors. <i>Pediatric Research</i> , 2004, 56, 418-422.	2.3	47
106	Neuroendocrine and behavioral effects of the selective kappa agonist spiradoline in Tourette's syndrome: A pilot study. <i>Psychiatry Research</i> , 1993, 47, 267-280.	3.3	46
107	Blunted vagal reactivity predicts stress-precipitated tobacco smoking. <i>Psychopharmacology</i> , 2012, 220, 259-268.	3.1	46
108	A Novel Method for Inducing Nerve Growth via Modulation of Host Resting Potential: Gap Junction-Mediated and Serotonergic Signaling Mechanisms. <i>Neurotherapeutics</i> , 2015, 12, 170-184.	4.4	46

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109	Changes in Tryptophan Catabolite (TRYCAT) Pathway Patterning Are Associated with Mild Impairments in Declarative Memory in Schizophrenia and Deficits in Semantic and Episodic Memory Coupled with Increased False-Memory Creation in Deficit Schizophrenia. <i>Molecular Neurobiology</i> , 2018, 55, 5184-5201.	4.0	46
110	Autistic Disorder in Patients with Williams-Beuren Syndrome: A Reconsideration of the Williams-Beuren Syndrome Phenotype. <i>PLoS ONE</i> , 2012, 7, e30778.	2.5	46
111	Risperidone-Induced Weight Gain in Referred Children with Autism Spectrum Disorders Is Associated with a Common Polymorphism in the 5-Hydroxytryptamine 2C Receptor Gene. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2010, 20, 473-477.	1.3	45
112	Deficit, but Not Nondeficit, Schizophrenia Is Characterized by Mucosa-Associated Activation of the Tryptophan Catabolite (TRYCAT) Pathway with Highly Specific Increases in IgA Responses Directed to Picolinic, Xanthurenic, and Quinolinic Acid. <i>Molecular Neurobiology</i> , 2018, 55, 1524-1536.	4.0	45
113	Aspartame, Behavior, and Cognitive Function in Children With Attention Deficit Disorder. <i>Pediatrics</i> , 1994, 93, 70-75.	2.1	45
114	Applications of liquid chromatographic-fluorometric systems in neurochemistry. <i>Life Sciences</i> , 1981, 28, 507-517.	4.3	44
115	The neurobiology of adaptation to seasons: Relevance and correlations in bipolar disorders. <i>Chronobiology International</i> , 2018, 35, 1335-1353.	2.0	44
116	Melatonin: From Pharmacokinetics to Clinical Use in Autism Spectrum Disorder. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1490.	4.1	44
117	Peripheral and central neurochemical effects of the selective serotonin reuptake inhibitors (SSRIs) in humans and nonhuman primates: assessing bioeffect and mechanisms of action. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 397-404.	1.6	43
118	Estradiol and Tryptophan Depletion Interact to Modulate Cognition in Menopausal Women. <i>Neuropsychopharmacology</i> , 2006, 31, 2489-2497.	5.4	43
119	Genotypic and haplotypic associations of the DBH gene with plasma dopamine β -hydroxylase activity in African Americans. <i>European Journal of Human Genetics</i> , 2007, 15, 878-883.	2.8	43
120	Serotonin in cisternal cerebrospinal fluid of the rat: Measurement and use as an index of functionally active serotonin. <i>Life Sciences</i> , 1987, 40, 2253-2260.	4.3	42
121	High-performance liquid chromatographic analysis of neurotransmitter amino acids in brain. <i>Biomedical Applications</i> , 1988, 428, 9-15.	1.7	42
122	A Single Nucleotide Polymorphism at DBH, Possibly Associated with Attention-Deficit/Hyperactivity Disorder, Associates with Lower Plasma Dopamine β -Hydroxylase Activity and is in Linkage Disequilibrium with Two Putative Functional Single Nucleotide Polymorphisms. <i>Biological Psychiatry</i> , 2006, 60, 1034-1038.	1.3	42
123	Ontogeny of brain and blood serotonin levels in 5-HT1A receptor knockout mice: potential relevance to the neurobiology of autism. <i>Journal of Neurochemistry</i> , 2006, 99, 1019-1031.	3.9	42
124	Behavioral effects of pubertal anabolic androgenic steroid exposure in male rats with low serotonin. <i>Brain Research</i> , 2007, 1132, 129-138.	2.2	42
125	Bright light and oxygen therapies decrease delirium risk in critically ill surgical patients by targeting sleep and acid-base disturbances. <i>Psychiatry Research</i> , 2018, 261, 21-27.	3.3	42
126	A neuro-immune, neuro-oxidative and neuro-nitrosative model of prenatal and postpartum depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 262-274.	4.8	42

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127	Endometriosis Pathoetiology and Pathophysiology: Roles of Vitamin A, Estrogen, Immunity, Adipocytes, Gut Microbiome and Melatonergic Pathway on Mitochondria Regulation. <i>Biomolecular Concepts</i> , 2019, 10, 133-149.	2.2	41
128	Network Analysis of Behaviors in the Depression and Autism Realms: Inter-Relationships and Clinical Implications. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 1580-1595.	2.7	41
129	Dopaminergic but not noradrenergic mediation of hyperactivity and performance deficits in the developing rat pup. <i>Psychopharmacology</i> , 1983, 82, 73-77.	3.1	40
130	Platelet imipramine binding in autistic subjects. <i>Psychiatry Research</i> , 1984, 11, 133-141.	3.3	40
131	Early and very early-onset schizophrenia compared with adult-onset schizophrenia: French FACE database. <i>Brain and Behavior</i> , 2020, 10, e01495.	2.2	38
132	Cerebrospinal fluid monoamine precursor and metabolite levels in children treated for leukemia: Age and sex effects and individual variability. <i>Biological Psychiatry</i> , 1986, 21, 69-83.	1.3	37
133	Time course of the effects of the serotonin-selective reuptake inhibitor sertraline on central and peripheral serotonin neurochemistry in the rhesus monkey. <i>Psychopharmacology</i> , 2005, 178, 339-346.	3.1	37
134	Obstetric and Parental Psychiatric Variables as Potential Predictors of Autism Severity. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 1542-1554.	2.7	37
135	Serum and plasma brain-derived neurotrophic factor (BDNF) in abstinent alcoholics and social drinkers. <i>Alcohol</i> , 2012, 46, 253-259.	1.7	36
136	Serotonin in cisternal cerebrospinal fluid of rhesus monkeys: basal levels and effects of sertraline administration. <i>Psychopharmacology</i> , 2002, 161, 95-99.	3.1	35
137	Serotonin in human lumbar cerebrospinal fluid: A reassessment. <i>Life Sciences</i> , 1990, 46, 247-255.	4.3	34
138	Cortisol Levels and Hippocampus Volumes in Healthy Preadolescent Children. <i>Biological Psychiatry</i> , 2006, 60, 856-861.	1.3	34
139	Dose-finding study of fluoxetine and venlafaxine for the treatment of self-injurious and stereotypic behavior in rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of the American Association for Laboratory Animal Science</i> , 2009, 48, 176-84.	1.2	34
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