

# Gregory F Oxenkrug

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

2,643  
citations

218381  
26  
h-index

197535  
49  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin Resistance and Dysregulation of Tryptophan→Kynurenine and Kynurenine→Nicotinamide Adenine Dinucleotide Metabolic Pathways. <i>Molecular Neurobiology</i> , 2013, 48, 294-301.	1.9	200
2	Metabolic syndrome, age-associated neuroendocrine disorders, and dysregulation of tryptophan→kynurenine metabolism. <i>Annals of the New York Academy of Sciences</i> , 2010, 1199, 1-14.	1.8	186
3	Mitochondria as a Target for Neurotoxins and Neuroprotective Agents. <i>Annals of the New York Academy of Sciences</i> , 2003, 993, 334-344.	1.8	169
4	Genetic and Hormonal Regulation of Tryptophan→Kynurenine Metabolism. <i>Annals of the New York Academy of Sciences</i> , 2007, 1122, 35-49.	1.8	146
5	Serotonin &ndash; Kynurenine Hypothesis of Depression: Historical Overview and Recent Developments. <i>Current Drug Targets</i> , 2013, 14, 514-521.	1.0	135
6	Aging and cortisol resistance to suppression by dexamethasone: A positive correlation. <i>Psychiatry Research</i> , 1983, 10, 125-130.	1.7	125
7	Increased Plasma Levels of Xanthurenic and Kynurenic Acids in Type 2 Diabetes. <i>Molecular Neurobiology</i> , 2015, 52, 805-810.	1.9	120
8	Interferon-gamma-inducible kynurenines/pteridines inflammation cascade: implications for aging and aging-associated psychiatric and medical disorders. <i>Journal of Neural Transmission</i> , 2011, 118, 75-85.	1.4	116
9	Anticonvulsant activity of melatonin against seizures induced by quinolinate, kainate, glutamate, NMDA, and pentylenetetrazole in mice. <i>Journal of Pineal Research</i> , 1998, 24, 215-218.	3.4	111
10	Kynurenic Acid in the Digestive System→New Facts, New Challenges. <i>International Journal of Tryptophan Research</i> , 2013, 6, IJTR.S12536.	1.0	89
11	Tryptophan kynurenine metabolism as a common mediator of genetic and environmental impacts in major depressive disorder: the serotonin hypothesis revisited 40 years later. <i>Israel Journal of Psychiatry</i> , 2010, 47, 56-63.	0.2	88
12	Effects of Pinealectomy and Aging on the Serum Corticosterone Circadian Rhythm in Rats. <i>Journal of Pineal Research</i> , 1984, 1, 181-185.	3.4	75
13	The extended life span of <i>Drosophila melanogaster</i> eye-color (white and vermilion) mutants with impaired formation of kynurenine. <i>Journal of Neural Transmission</i> , 2010, 117, 23-26.	1.4	72
14	Regulating the balance between the kynurenine and serotonin pathways of tryptophan metabolism. <i>FEBS Journal</i> , 2017, 284, 948-966.	2.2	67
15	Extension of life span of <i>Drosophila melanogaster</i> by the inhibitors of tryptophan-kynurenine metabolism. <i>Fly</i> , 2011, 5, 307-309.	0.9	61
16	Stress-induced synthesis of melatonin: Possible involvement of the endogenous monoamine oxidase inhibitor (tribulin). <i>Life Sciences</i> , 1985, 37, 1743-1746.	2.0	47
17	Interferon-gamma (+874) T/A genotypes and risk of IFN-alpha-induced depression. <i>Journal of Neural Transmission</i> , 2011, 118, 271-274.	1.4	46
18	Antioxidant Effects of N-Acetylserotonin: Possible Mechanisms and Clinical Implications. <i>Annals of the New York Academy of Sciences</i> , 2005, 1053, 334-347.	1.8	46

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19	Elevated anthranilic acid plasma concentrations in type 1 but not type 2 diabetes mellitus. Integrative Molecular Medicine, 2015, 2, 365-368.	0.3	39
20	Interferon-gamma - Inducible Inflammation: Contribution to Aging and Aging-Associated Psychiatric Disorders. , 2011, 2, 474-86.		39
21	The effect of nifedipine, Ca <sup>2+</sup> antagonist, on activity of MAO inhibitors, N-acetylserotonin and melatonin in the mouse tail suspension test. International Journal of Neuropsychopharmacology, 1998, 1, 35-40.	1.0	34
22	Differential Effects of Lipopolysaccharide on Lipid Peroxidation in F344N, SHR Rats and BALB/c Mice, and Protection of Melatonin and NAS against Its Toxicity. Annals of the New York Academy of Sciences, 2003, 993, 325-333.	1.8	34
23	Cognitive impairment and cortisol resistance to Dexamethasone Suppression in elderly depression. Biological Psychiatry, 1989, 25, 229-234.	0.7	33
24	HPA axis responsivity to dexamethasone and cognitive impairment in dementia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1990, 14, 297-308.	2.5	32
25	Immune-Modulating Effects of Melatonin, N-Acetylserotonin, and N-Acetyldopamine. Annals of the New York Academy of Sciences, 2005, 1053, 386-393.	1.8	32
26	Tryptophan-Kynurenine Metabolism and Insulin Resistance in Hepatitis C Patients. Hepatitis Research and Treatment, 2013, 2013, 1-4.	2.0	30
27	Peripheral kynurenine-3-monooxygenase deficiency as a potential risk factor for metabolic syndrome in schizophrenia patients. Integrative Clinical Medicine, 2017, 1, .	0.1	29
28	Ramelteon attenuates age-associated hypertension and weight gain in spontaneously hypertensive rats. Annals of the New York Academy of Sciences, 2010, 1199, 114-120.	1.8	28
29	Kynurenines And Vitamin B6: Link Between Diabetes And Depression.. Journal of Bioinformatics and Diabetes, 2013, 1, 1-10.	0.5	27
30	Melatonin and Jet Lag Syndrome: Experimental Model and Clinical Implications. CNS Spectrums, 2003, 8, 139-148.	0.7	24
31	Prediction of serum cortisol response to dexamethasone in normal volunteers: A multivariate approach. Psychopharmacology, 1984, 84, 274-275.	1.5	23
32	Correlation between brain-adrenal axis activation and cognitive impairment in alzheimer's disease: Is there a gender effect?. Psychiatry Research, 1989, 29, 169-175.	1.7	23
33	Quinone reductase 2 and antidepressant effect of melatonin derivatives. Annals of the New York Academy of Sciences, 2010, 1199, 121-124.	1.8	23
34	Anthranilic Acid: A Potential Biomarker and Treatment Target for Schizophrenia. Annals of Psychiatry and Mental Health, 2016, 4, .	3.5	22
35	Berberine Attenuated Aging-Accelerating Effect of High Temperature in Drosophila Model. American Journal of Plant Sciences, 2014, 05, 275-278.	0.3	21
36	Minocycline effect on life and health span of Drosophila melanogaster. , 2012, 3, 352-9.		20

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37	Electroconvulsive Shock: Effect on Pineal and Hypothalamic Indoles. <i>Journal of Pineal Research</i> , 1984, 1, 273-279.	3.4	19
38	The acute effect of monoamine oxidase inhibitors on serotonin conversion to melatonin. , 1991, , 98-109.		13
39	N-acetylserotonin and aging-associated cognitive impairment and depression. , 2012, 3, 330-8.		13
40	Peripheral Tryptophan - Kynurenine Metabolism Associated with Metabolic Syndrome is Different in Parkinson's and Alzheimer's Diseases. <i>Biological and Applied Environmental Research: an Open Access Peer Reviewed Journal</i> , 2017, 1, .	0.1	13
41	The Tryptophan Catabolite or Kynurenine Pathway in Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1325-1339.	1.2	13
42	Effect of Luzindole and Other Melatonin Receptor Antagonists on Iron-induced Lipopolysaccharide-induced Lipid Peroxidation <i>in Vitro</i> . <i>Annals of the New York Academy of Sciences</i> , 2007, 1122, 289-294.	1.8	12
43	Attenuation of high sucrose diet-induced insulin resistance in tryptophan 2,3-dioxygenase deficient <i>Drosophila melanogaster</i> vermilion mutants. <i>Integrative Obesity and Diabetes</i> , 2015, 1, 93-95.	0.2	12
44	The effect of 5,7-dihydroxytryptamine on the serum corticosterone resistance to suppression by dexamethasone. <i>Brain Research</i> , 1984, 309, 156-158.	1.1	11
45	Neopterin as a Marker of Response to Antiviral Therapy in Hepatitis C Virus Patients. <i>Hepatitis Research and Treatment</i> , 2012, 2012, 1-4.	2.0	11
46	Effect of Kynurenic Acid on Development and Aging in Wild Type and Vermilion Mutants of <i>Drosophila Melanogaster</i> . <i>Pharmacology, Drug Development &amp; Therapeutics</i> , 2016, 1, .	0.4	11
47	S11. PLASMA LEPTIN AND ANTHRANILIC ACID IN SCHIZOPHRENIA PATIENTS: NEW BIOMARKERS OF PREDISPOSITION TO METABOLIC ABNORMALITIES. <i>Schizophrenia Bulletin</i> , 2020, 46, S34-S34.	2.3	10
48	Effect of Kynurenic Acid on Pupa Viability of <i>Drosophila melanogaster</i> cinnabar and cardinal Eye Color Mutants with Altered Tryptophan-Kynurenine Metabolism. <i>Neurotoxicity Research</i> , 2018, 34, 324-331.	1.3	9
49	Plasma xanthurenic acid in a context of insulin resistance and obesity in schizophrenia. <i>Schizophrenia Research</i> , 2019, 211, 98-99.	1.1	9
50	Benserazide, an Inhibitor of Peripheral Kynurenine Metabolism, Attenuates Olanzapine-Induced Weight Gain, Insulin Resistance, and Dyslipidemia in C57Bl/6j Mice. <i>Molecular Neurobiology</i> , 2020, 57, 135-138.	1.9	9
51	The effect of stress on melatonin and serotonin in rat brain. <i>Stress and Health</i> , 1989, 5, 5-8.	0.7	8
52	Plasma Anthranilic Acid and Leptin Levels Predict HAM-D Scores in Depressed Women. <i>International Journal of Tryptophan Research</i> , 2021, 14, 117864692110164.	1.0	8
53	Attenuation of high sucrose diet-induced insulin resistance in ABC transporter deficient mutant of <i>Drosophila melanogaster</i> . <i>Integrative Obesity and Diabetes</i> , 2016, 2, 187-190.	0.2	6
54	The effect of cold immobilisation stress on brain MAO-A inhibitory activity and pineal N-acetylserotonin and melatonin in spontaneously hypertensive and normotensive rats. <i>Stress and Health</i> , 2000, 16, 239-241.	0.7	5

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55	Antioxidant Effects of <i>N</i> -Acetylserotonin. Annals of the New York Academy of Sciences, 2005, 1053, 334-347.	1.8	5
56	Ontogenetic effects of MAO-A inhibition on rat pineal n-acetylserotonin and melatonin during the first month of neonatal life. Human Psychopharmacology, 2000, 15, 589-593.	0.7	4
57	<i>N</i> -Acetyldopamine Inhibits Rat Brain Lipid Peroxidation Induced by Lipopolysaccharide. Annals of the New York Academy of Sciences, 2005, 1053, 394-399.	1.8	4
58	Role of Kynurenine Pathway in Insulin Resistance: Toward Kynurenine Hypothesis of Insulin Resistance and Diabetes. , 2015, , 169-178.		4
59	3-Hydroxykynurenine Acid and Type 2 Diabetes: Implications for Aging, Obesity, Depression, Parkinson's Disease, and Schizophrenia. Molecular and Integrative Toxicology, 2015, , 173-195.	0.5	3
60	Cognitive Function and Brain-Adrenal Axis Activity in Aging, Depression and Dementia. , 1987, , 59-66.		3
61	Kynurenine and hypotension. Critical Care Medicine, 2012, 40, 2006.	0.4	2
62	Gender-specific elevation of plasma anthranilic acid in schizophrenia: Protection against glutamatergic hypofunction?. Schizophrenia Research, 2022, 243, 483-485.	1.1	2
63	Differential Effect of Carbidopa on the Concentration of Rat Pineal and Hypothalamic Indoleamines. Journal of Pineal Research, 1984, 1, 349-353.	3.4	1
64	Effect of Methyl Derivatives of Dopamine on Tumor Necrosis Factor $\hat{\pm}$ and Lipid Peroxidation. Annals of the New York Academy of Sciences, 2007, 1122, 253-259.	1.8	1
65	Peripheral kynurenines as biomarkers and targets for prevention and treatment of psychiatric conditions associated with SARS-CoV-2 infection. Personalized Medicine in Psychiatry, 2021, 29-30, 100088.	0.1	1
66	Merton Sandler. Neuropsychopharmacology, 2014, 39, 3126-3127.	2.8	0
67	Low Nitric Oxide and High C-Reactive Protein in Depression. Journal of Clinical Psychiatry, 2017, 78, 732-732.	1.1	0