

# Gregory F Oxenkrug

## List of Publications by Citations

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65  
papers

2,072  
citations

25  
h-index

44  
g-index

69  
ext. papers

2,329  
ext. citations

5  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
65	Metabolic syndrome, age-associated neuroendocrine disorders, and dysregulation of tryptophan-kynurenine metabolism. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1199, 1-14	6.5	147
64	Mitochondria as a target for neurotoxins and neuroprotective agents. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 993, 334-44; discussion 345-9	6.5	142
63	Insulin resistance and dysregulation of tryptophan-kynurenine and kynurenine-nicotinamide adenine dinucleotide metabolic pathways. <i>Molecular Neurobiology</i> , <b>2013</b> , 48, 294-301	6.2	139
62	Aging and cortisol resistance to suppression by dexamethasone: a positive correlation. <i>Psychiatry Research</i> , <b>1983</b> , 10, 125-30	9.9	118
61	Genetic and hormonal regulation of tryptophan kynurenine metabolism: implications for vascular cognitive impairment, major depressive disorder, and aging. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1122, 35-49	6.5	115
60	Anticonvulsant activity of melatonin against seizures induced by quinolinate, kainate, glutamate, NMDA, and pentylentetrazole in mice. <i>Journal of Pineal Research</i> , <b>1998</b> , 24, 215-8	10.4	102
59	Interferon-gamma-inducible kynurenines/pteridines inflammation cascade: implications for aging and aging-associated psychiatric and medical disorders. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 75-85	4.3	99
58	Serotonin-kynurenine hypothesis of depression: historical overview and recent developments. <i>Current Drug Targets</i> , <b>2013</b> , 14, 514-21	3	93
57	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> , <b>2010</b> , 47, 56-63		81
56	Increased Plasma Levels of Xanthurenic and Kynurenic Acids in Type 2 Diabetes. <i>Molecular Neurobiology</i> , <b>2015</b> , 52, 805-10	6.2	79
55	Effects of pinealectomy and aging on the serum corticosterone circadian rhythm in rats. <i>Journal of Pineal Research</i> , <b>1984</b> , 1, 181-5	10.4	67
54	Kynurenic Acid in the digestive system-new facts, new challenges. <i>International Journal of Tryptophan Research</i> , <b>2013</b> , 6, 47-55	5.6	64
53	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> , <b>2010</b> , 117, 23-6	4.3	55
52	Extension of life span of <i>Drosophila melanogaster</i> by the inhibitors of tryptophan-kynurenine metabolism. <i>Fly</i> , <b>2011</b> , 5, 307-9	1.3	44
51	Regulating the balance between the kynurenine and serotonin pathways of tryptophan metabolism. <i>FEBS Journal</i> , <b>2017</b> , 284, 948-966	5.7	42
50	Stress-induced synthesis of melatonin: possible involvement of the endogenous monoamine oxidase inhibitor (tribulin). <i>Life Sciences</i> , <b>1985</b> , 37, 1743-6	6.8	40
49	Interferon-gamma (+874) T/A genotypes and risk of IFN-alpha-induced depression. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 271-4	4.3	39

48	Interferon-gamma - Inducible Inflammation: Contribution to Aging and Aging-Associated Psychiatric Disorders <b>2011</b> , 2, 474-86		37
47	Antioxidant effects of N-acetylserotonin: possible mechanisms and clinical implications. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1053, 334-47	6.5	33
46	Cognitive impairment and cortisol resistance to dexamethasone suppression in elderly depression. <i>Biological Psychiatry</i> , <b>1989</b> , 25, 229-34	7.9	31
45	The effect of nifedipine, Ca(2+) antagonist, on activity of MAO inhibitors, N-acetylserotonin and melatonin in the mouse tail suspension test. <i>International Journal of Neuropsychopharmacology</i> , <b>1998</b> , 1, 35-40	5.8	30
44	HPA axis responsivity to dexamethasone and cognitive impairment in dementia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>1990</b> , 14, 297-308	5.5	29
43	Differential effects of lipopolysaccharide on lipid peroxidation in F344N, SHR rats and BALB/c mice, and protection of melatonin and NAS against its toxicity. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 993, 325-33; discussion 345-9	6.5	28
42	Elevated anthranilic acid plasma concentrations in type 1 but not type 2 diabetes mellitus. <i>Integrative Molecular Medicine</i> , <b>2015</b> , 2, 365-368	1.2	27
41	Tryptophan-kynurenine metabolism and insulin resistance in hepatitis C patients. <i>Hepatitis Research and Treatment</i> , <b>2013</b> , 2013, 149247		26
40	Kynurenines and vitamin B6: link between diabetes and depression <b>2013</b> , 1,		23
39	Ramelteon attenuates age-associated hypertension and weight gain in spontaneously hypertensive rats. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1199, 114-20	6.5	22
38	Melatonin and jet lag syndrome: experimental model and clinical implications. <i>CNS Spectrums</i> , <b>2003</b> , 8, 139-48	1.8	21
37	Quinone reductase 2 and antidepressant effect of melatonin derivatives. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1199, 121-4	6.5	20
36	Immune-modulating effects of melatonin, N-acetylserotonin, and N-acetyldopamine. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1053, 386-93	6.5	20
35	Prediction of serum cortisol response to dexamethasone in normal volunteers: a multivariate approach. <i>Psychopharmacology</i> , <b>1984</b> , 84, 274-5	4.7	20
34	Anthranilic Acid: A Potential Biomarker and Treatment Target for Schizophrenia <b>2016</b> , 4,		20
33	Correlation between brain-adrenal axis activation and cognitive impairment in Alzheimer's disease: is there a gender effect?. <i>Psychiatry Research</i> , <b>1989</b> , 29, 169-75	9.9	18
32	Peripheral kynurenine-3-monooxygenase deficiency as a potential risk factor for metabolic syndrome in schizophrenia patients <b>2017</b> , 1,		18
31	Electroconvulsive shock: effect on pineal and hypothalamic indoles. <i>Journal of Pineal Research</i> , <b>1984</b> , 1, 273-9	10.4	17

30	Minocycline effect on life and health span of <i>Drosophila melanogaster</i> <b>2012</b> , 3, 352-9		17
29	Berberine Attenuated Aging-Accelerating Effect of High Temperature in <i>Drosophila</i> Model. <i>American Journal of Plant Sciences</i> , <b>2014</b> , 5, 275-278	0.5	17
28	Effect of luzindole and other melatonin receptor antagonists on iron- and lipopolysaccharide-induced lipid peroxidation in vitro. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1122, 289-94	6.5	12
27	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> , <b>2015</b> , 1, 93-95		11
26	N-acetylserotonin and aging-associated cognitive impairment and depression <b>2012</b> , 3, 330-8		11
25	Peripheral Tryptophan - Kynurenine Metabolism Associated with Metabolic Syndrome is Different in Parkinson's and Alzheimer's Diseases <b>2017</b> , 1,		11
24	The acute effect of monoamine oxidase inhibitors on serotonin conversion to melatonin <b>1991</b> , 98-109		10
23	The effect of 5,7-dihydroxytryptamine on the serum corticosterone resistance to suppression by dexamethasone. <i>Brain Research</i> , <b>1984</b> , 309, 156-8	3.7	9
22	Effect of kynurenic acid on development and aging in wild type and vermilion mutants of <b>2016</b> , 1,		9
21	Neopterin as a marker of response to antiviral therapy in hepatitis C virus patients. <i>Hepatitis Research and Treatment</i> , <b>2012</b> , 2012, 619609		8
20	The effect of stress on melatonin and serotonin in rat brain. <i>Stress and Health</i> , <b>1989</b> , 5, 5-8		7
19	Effect of Kynurenic Acid on Pupae Viability of <i>Drosophila melanogaster</i> cinnabar and cardinal Eye Color Mutants with Altered Tryptophan-Kynurenine Metabolism. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 324-337	4.7	6
18	Attenuation of high sucrose diet-induced insulin resistance in ABC transporter deficient mutant of <i>Drosophila melanogaster</i> . <i>Integrative Obesity and Diabetes</i> , <b>2016</b> , 2, 187-190		6
17	S11. PLASMA LEPTIN AND ANTHRANILIC ACID IN SCHIZOPHRENIA PATIENTS: NEW BIOMARKERS OF PREDISPOSITION TO METABOLIC ABNORMALITIES. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S34-S34	1.3	5
16	Benserazide, an Inhibitor of Peripheral Kynurenine Metabolism, Attenuates Olanzapine-Induced Weight Gain, Insulin Resistance, and Dyslipidemia in C57Bl/6j Mice. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 135-138	6.2	5
15	Plasma xanthurenic acid in a context of insulin resistance and obesity in schizophrenia. <i>Schizophrenia Research</i> , <b>2019</b> , 211, 98-99	3.6	3
14	N-acetyldopamine inhibits rat brain lipid peroxidation induced by lipopolysaccharide. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1053, 394-9	6.5	3
13	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> , <b>2000</b> , 16, 239-241		3

12	3-Hydroxykynurenic Acid and Type 2 Diabetes: Implications for Aging, Obesity, Depression, Parkinson Disease, and Schizophrenia. <i>Molecular and Integrative Toxicology</i> , <b>2015</b> , 173-195	0.5	2
11	Ontogenetic effects of MAO-A inhibition on rat pineal n-acetylserotonin and melatonin during the first month of neonatal life. <i>Human Psychopharmacology</i> , <b>2000</b> , 15, 589-593	2.3	2
10	Plasma Anthranilic Acid and Leptin Levels Predict HAM-D Scores in Depressed Women. <i>International Journal of Tryptophan Research</i> , <b>2021</b> , 14, 11786469211016474	5.6	2
9	Cognitive Function and Brain-Adrenal Axis Activity in Aging, Depression and Dementia <b>1987</b> , 59-66		2
8	Kynurenine and hypotension: historic perspectives. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 2006; author reply 2006-7	1.4	1
7	Antioxidant Effects of N-Acetylserotonin. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1053, 334-343	3.7	1
6	Differential effect of carbidopa on the concentration of rat pineal and hypothalamic indoleamines. <i>Journal of Pineal Research</i> , <b>1984</b> , 1, 349-53	10.4	1
5	Role of Kynurenine Pathway in Insulin Resistance: Toward Kynurenine Hypothesis of Insulin Resistance and Diabetes <b>2015</b> , 169-178		1
4	Effect of methyl derivatives of dopamine on tumor necrosis factor alpha and lipid peroxidation. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1122, 253-9	6.5	0
3	Gender-specific elevation of plasma anthranilic acid in schizophrenia: Protection against glutamatergic hypofunction?. <i>Schizophrenia Research</i> , <b>2022</b> ,	3.6	0
2	Peripheral kynurenines as biomarkers and targets for prevention and treatment of psychiatric conditions associated with SARS-CoV-2 infection. <i>Personalized Medicine in Psychiatry</i> , <b>2021</b> , 29-30, 100888	1.1	0
1	Merton Sandler. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 3126-7	8.7	