

# James I Koenig

## List of Publications by Citations

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84  
papers

4,565  
citations

37  
h-index

66  
g-index

90  
ext. papers

4,986  
ext. citations

4.7  
avg, IF

5.24  
L-index

#	Paper	IF	Citations
84	Prenatal exposure to a repeated variable stress paradigm elicits behavioral and neuroendocrinological changes in the adult offspring: potential relevance to schizophrenia. <i>Behavioural Brain Research</i> , <b>2005</b> , 156, 251-61	3.4	255
83	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. <i>Cell Metabolism</i> , <b>2015</b> , 22, 4-11	24.6	238
82	Prenatal stress or high-fat diet increases susceptibility to diet-induced obesity in rat offspring. <i>Diabetes</i> , <b>2009</b> , 58, 1116-25	0.9	232
81	Prenatal stress generates deficits in rat social behavior: Reversal by oxytocin. <i>Brain Research</i> , <b>2007</b> , 1156, 152-67	3.7	210
80	Prenatal stress: role in psychotic and depressive diseases. <i>Psychopharmacology</i> , <b>2011</b> , 214, 89-106	4.7	193
79	Stimulation of corticosterone and beta-endorphin secretion in the rat by selective 5-HT receptor subtype activation. <i>European Journal of Pharmacology</i> , <b>1987</b> , 137, 1-8	5.3	170
78	Social interaction deficits caused by chronic phencyclidine administration are reversed by oxytocin. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 1883-94	8.7	165
77	Glucocorticoid hormones and early brain development in schizophrenia. <i>Neuropsychopharmacology</i> , <b>2002</b> , 27, 309-18	8.7	161
76	The evolution of drug development in schizophrenia: past issues and future opportunities. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2061-79	8.7	157
75	Abnormal cortisol secretion and responses to corticotropin-releasing hormone in women with hypothalamic amenorrhea. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 70, 311-7	5.6	150
74	Repeated variable prenatal stress alters pre- and postsynaptic gene expression in the rat frontal pole. <i>Journal of Neurochemistry</i> , <b>2003</b> , 86, 736-48	6	136
73	The morphology and distribution of peptide-containing neurons in the adult and developing visual cortex of the rat. I. Somatostatin. <i>Journal of Neurocytology</i> , <b>1982</b> , 11, 809-24		119
72	The Science of Vascular Contributions to Cognitive Impairment and Dementia (VCID): A Framework for Advancing Research Priorities in the Cerebrovascular Biology of Cognitive Decline. <i>Cellular and Molecular Neurobiology</i> , <b>2016</b> , 36, 281-8	4.6	109
71	Galaninergic mechanisms are involved in the regulation of corticotropin and thyrotropin secretion in the rat. <i>Endocrinology</i> , <b>1990</b> , 127, 2281-9	4.8	95
70	Galanin is a physiological regulator of spontaneous pulsatile secretion of growth hormone in the male rat. <i>Endocrinology</i> , <b>1990</b> , 126, 1216-22	4.8	86
69	Characterization of the cognitive impairments induced by prenatal exposure to stress in the rat. <i>Frontiers in Behavioral Neuroscience</i> , <b>2010</b> , 4, 173	3.5	83
68	Social interaction and social withdrawal in rodents as readouts for investigating the negative symptoms of schizophrenia. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, 759-73	1.2	78

67	Differential effect of subchronic treatment with various neuroleptic agents on serotonin <sub>2</sub> receptors in rat cerebral cortex. <i>Journal of Neurochemistry</i> , <b>1986</b> , 46, 191-7	6	75
66	Corticosterone alters N-methyl-D-aspartate receptor subunit mRNA expression before puberty. <i>Molecular Brain Research</i> , <b>2003</b> , 115, 55-62		71
65	Tissue-specific sex differences in galanin-like immunoreactivity and galanin mRNA during development in the rat. <i>Peptides</i> , <b>1989</b> , 10, 369-74	3.8	71
64	Galanin-like immunoreactivity is influenced by estrogen in peripubertal and adult rats. <i>Neuroendocrinology</i> , <b>1990</b> , 51, 168-73	5.6	71
63	High concentrations of neuropeptide Y in pituitary portal blood of rats. <i>Neuroendocrinology</i> , <b>1987</b> , 46, 538-41	5.6	71
62	Opioid kappa receptors and the secretion of prolactin (PRL) and growth hormone (GH) in the rat. I. Effects of opioid kappa receptor agonists bremazocine and U-50,488 on secretion of PRL and GH: comparison with morphine. <i>Neuroendocrinology</i> , <b>1986</b> , 42, 75-81	5.6	64
61	Translational Stroke Research: Vision and Opportunities. <i>Stroke</i> , <b>2017</b> , 48, 2632-2637	6.7	62
60	Periadolescent maturation of the prefrontal cortex is sex-specific and is disrupted by prenatal stress. <i>Journal of Comparative Neurology</i> , <b>2013</b> , 521, 1828-43	3.4	61
59	Neonatal treatment with monosodium glutamate: effects of prolonged growth hormone (GH)-releasing hormone deficiency on pulsatile GH secretion and growth in female rats. <i>Endocrinology</i> , <b>1991</b> , 128, 1100-6	4.8	61
58	"Small Blood Vessels: Big Health Problems?": Scientific Recommendations of the National Institutes of Health Workshop. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	53
57	Altered responses to serotonergic agents in Fawn-Hooded rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>1985</b> , 22, 489-92	3.9	49
56	Evidence for the involvement of ERbeta and RGS9-2 in 17-beta estradiol enhancement of amphetamine-induced place preference behavior. <i>Hormones and Behavior</i> , <b>2007</b> , 52, 146-55	3.7	46
55	Sexually dimorphic expression of the growth hormone-releasing hormone gene is not mediated by circulating gonadal hormones in the adult rat. <i>Endocrinology</i> , <b>1991</b> , 128, 1709-16	4.8	45
54	Sexual differentiation of growth hormone feedback effects on hypothalamic growth hormone-releasing hormone and somatostatin. <i>Neuroendocrinology</i> , <b>1990</b> , 51, 174-80	5.6	44
53	Sexual and developmental differences in peptides regulating growth hormone secretion in the rat. <i>Neuroendocrinology</i> , <b>1989</b> , 50, 299-307	5.6	43
52	Regional distribution of SK3 mRNA-containing neurons in the adult and adolescent rat ventral midbrain and their relationship to dopamine-containing cells. <i>Synapse</i> , <b>2004</b> , 53, 104-13	2.4	42
51	Strain dependent effects of prenatal stress on gene expression in the rat hippocampus. <i>Physiology and Behavior</i> , <b>2011</b> , 104, 334-9	3.5	39
50	Characterization of galanin-like immunoreactivity in the rat brain: effects of neonatal glutamate treatment. <i>Neuroscience Letters</i> , <b>1988</b> , 87, 114-21	3.3	39

49	Centrally administered oxytocin elicits exaggerated grooming in oxytocin null mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2004</b> , 78, 333-9	3.9	38
48	Influence of thyroid hormone on the concentration of galanin in the rat brain and pituitary. <i>Neuroendocrinology</i> , <b>1990</b> , 51, 351-6	5.6	38
47	PreproTRH(178-199) and two novel peptides (pFQ7 and pSE14) derived from its processing, which are produced in the paraventricular nucleus of the rat hypothalamus, are regulated during suckling. <i>Endocrinology</i> , <b>2001</b> , 142, 896-906	4.8	36
46	Vascular contributions to cognitive impairment and dementia (VCID): A report from the 2018 National Heart, Lung, and Blood Institute and National Institute of Neurological Disorders and Stroke Workshop. <i>Alzheimers and Dementia</i> , <b>2020</b> , 16, 1714-1733	1.2	36
45	Plasma oxytocin levels predict social cue recognition in individuals with schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 162, 47-51	3.6	34
44	Plasma oxytocin levels predict olfactory identification and negative symptoms in individuals with schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 162, 57-61	3.6	34
43	Effects of mediobasal hypothalamic lesion on immunoreactive ACTH/beta-endorphin levels in cerebrospinal fluid, in discrete brain regions, in plasma, and in pituitary of the rat. <i>Brain Research</i> , <b>1992</b> , 593, 69-76	3.7	33
42	Neuropeptide Y (NPY) and vasopressin (AVP) in the hypothalamo-neurohypophysial axis of salt-loaded or Brattleboro rats. <i>Brain Research</i> , <b>1989</b> , 486, 214-20	3.7	33
41	Potential involvement of galanin in the regulation of fluid homeostasis in the rat. <i>Regulatory Peptides</i> , <b>1989</b> , 24, 81-6		33
40	Endogenous oxytocin levels are associated with the perception of emotion in dynamic body expressions in schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 162, 52-6	3.6	32
39	Possible delta receptor mediation of the effect of beta-endorphin on luteinizing hormone (LH) release, but not on prolactin (PRL) release, in the ovariectomized rat. <i>Endocrinology</i> , <b>1985</b> , 116, 475-7	4.8	32
38	Opioid kappa receptors and the secretion of prolactin (PRL) and growth hormone (GH) in the rat. II. GH and PRL release-inhibiting effects of the opioid kappa receptor agonists bromazocine and U-50,488. <i>Neuroendocrinology</i> , <b>1986</b> , 42, 82-7	5.6	32
37	Effects of stress across the lifespan. <i>Stress</i> , <b>2011</b> , 14, 475-80	3	31
36	A common data language for clinical research studies: the National Institute of Neurological Disorders and Stroke and American Academy for Cerebral Palsy and Developmental Medicine Cerebral Palsy Common Data Elements Version 1.0 recommendations. <i>Developmental Medicine and Child Neurology</i> , <b>2018</b> , 60, 976-986	3.3	30
35	Atorvastatin Treatment of Cavernous Angiomas with Symptomatic Hemorrhage Exploratory Proof of Concept (AT CASH EPOC) Trial. <i>Neurosurgery</i> , <b>2019</b> , 85, 843-853	3.2	30
34	Melperone and clozapine: neuroendocrine effects of atypical neuroleptic drugs. <i>Acta Psychiatrica Scandinavica</i> , <b>1989</b> , 352, 24-9	6.5	27
33	Diurnal rhythm of galanin-like immunoreactivity in the paraventricular and supra-chiasmatic nuclei and other hypothalamic areas. <i>Peptides</i> , <b>1994</b> , 15, 1437-44	3.8	26
32	Morphine or capsaicin administration alters the secretion of beta-endorphin into the hypophysial portal vasculature of the rat. <i>Neuroendocrinology</i> , <b>1986</b> , 43, 611-7	5.6	26

31	Schizophrenia: a unique translational opportunity in behavioral neuroendocrinology. <i>Hormones and Behavior</i> , <b>2006</b> , 50, 602-11	3.7	22
30	Estrogen stimulation of galanin gene expression and galanin-like immunoreactivity in the rat and its blockade by the estrogen antagonist keoxifene (LY156758). <i>Regulatory Peptides</i> , <b>1993</b> , 45, 407-19		22
29	Endogenous oxytocin levels are associated with impaired social cognition and neurocognition in schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2019</b> , 112, 38-43	5.2	21
28	Regulation of leptin expression and secretion by corticosteroids and insulin. Implications for body weight. <i>Endocrine</i> , <b>1998</b> , 8, 85-92		21
27	Adrenalectomy alters discrete galanin mRNA levels in the hypothalamus and mesencephalon of the rat. <i>Neuroscience Letters</i> , <b>1994</b> , 170, 77-82	3.3	21
26	Sex-specific neuroendocrine and behavioral phenotypes in hypomorphic Type II Neuregulin 1 rats. <i>Behavioural Brain Research</i> , <b>2011</b> , 224, 223-32	3.4	20
25	Regulation of the hypothalamo-pituitary axis by neuropeptide Y. <i>Annals of the New York Academy of Sciences</i> , <b>1990</b> , 611, 317-28	6.5	20
24	Pituitary gland: neuropeptides, neurotransmitters and growth factors. <i>Toxicologic Pathology</i> , <b>1989</b> , 17, 256-65	2.1	19
23	Top Priorities for Cerebroprotective Studies-A Paradigm Shift: Report From STAIR XI. <i>Stroke</i> , <b>2021</b> , 52, 3063-3071	6.7	18
22	Suppression of the hypo- and hyperthermic responses to 5-HT agonists following the repeated administration of monoamine oxidase inhibitors. <i>Psychopharmacology</i> , <b>1986</b> , 90, 403-7	4.7	15
21	PreproTRH178199 and Two Novel Peptides (pFQ7 and pSE14) Derived from Its Processing, Which Are Produced in the Paraventricular Nucleus of the Rat Hypothalamus, Are Regulated during Suckling*This work was supported by the National Science Foundation (Grant No. IBN-9507952 to E.A.N.).		14
20	Estrogen modulates RGS9 expression in the nucleus accumbens. <i>NeuroReport</i> , <b>2004</b> , 15, 2433-6	1.7	13
19	Corticotropin-releasing hormone heterogeneous nuclear RNA (hnRNA) and immunoreactivity are induced in extrahypothalamic brain sites by kainic-acid-induced seizures and are modulated by estrogen. <i>Brain Research</i> , <b>2007</b> , 1164, 44-54	3.7	12
18	Adrenocorticotropin, prolactin and beta-endorphin stimulatory actions of alpha-2-adrenoceptor antagonists. <i>Neuroendocrinology</i> , <b>1995</b> , 61, 152-8	5.6	12
17	Neuropeptide Y Actions on Reproductive and Endocrine Functions <b>1993</b> , 419-456		11
16	Sex differences in vasoactive intestinal peptide (VIP) concentrations in the anterior pituitary and hypothalamus of rats. <i>Neuroscience Letters</i> , <b>1989</b> , 105, 215-20	3.3	10
15	Effects of anterolateral and posterolateral cuts around the medial hypothalamus on the immunoreactive ACTH and beta-endorphin levels in selected brain regions of the rat. <i>Brain Research Bulletin</i> , <b>1997</b> , 42, 353-7	3.9	9
14	Stimulation of anterior pituitary galanin and prolactin gene expression in suckling rats. <i>Endocrine</i> , <b>1999</b> , 11, 251-6		9

13	The involvement of Type II Neuregulin-1 in rat visuospatial learning and memory. <i>Neuroscience Letters</i> , <b>2012</b> , 531, 131-5	3.3	6
12	At issue: A model for academic/industry collaboration. <i>Schizophrenia Bulletin</i> , <b>2004</b> , 30, 997-1004	1.3	6
11	Effect of interleukin-1 beta on plasma ACTH, beta-endorphin, and corticosterone levels in infant and prepubertal rats. <i>Pediatric Research</i> , <b>1995</b> , 37, 714-9	3.2	6
10	Effects of Hypnorm (fentanyl) on ACTH/beta-endorphin levels in plasma, pituitary and brain of 10-day old rats. <i>Life Sciences</i> , <b>1993</b> , 52, 1417-24	6.8	6
9	Prenatal drug exposure moderates the association between stress reactivity and cognitive function in adolescence. <i>Developmental Neuroscience</i> , <b>2014</b> , 36, 329-37	2.2	4
8	Phantom validation of quantitative susceptibility and dynamic contrast-enhanced permeability MR sequences across instruments and sites. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 51, 1192-1199	5.6	4
7	Age-dependent muscarinic stimulation of beta-endorphin secretion from rat neurointermediate lobe in vitro. <i>Brain Research Bulletin</i> , <b>1997</b> , 44, 719-25	3.9	2
6	The Stroke Preclinical Assessment Network: Rationale, Design, Feasibility, and Stage 1 Results.. <i>Stroke</i> , <b>2022</b> , 101161STROKEAHA121038047	6.7	2
5	Baseline Characteristics of Patients With Cavernous Angiomas With Symptomatic Hemorrhage in Multisite Trial Readiness Project. <i>Stroke</i> , <b>2021</b> , 52, 3829-3838	6.7	1
4	The 1999 Neuroendocrine Workshop on Food Intake, Energy Metabolism and Obesity, San Diego, CA, USA, 9-11 June 1999. <i>Trends in Endocrinology and Metabolism</i> , <b>1999</b> , 10, 420-2	8.8	0
3	Organizational Update: The NINDS-Sponsored Stroke Preclinical Assessment Network Is Moving to Its Next Stage. <i>Stroke</i> , <b>2021</b> , 52, e842-e843	6.7	0
2	Corticotropin-releasing factor, serotonin, and sex: keys to the castle of depressive illness. <i>Endocrinology</i> , <b>2009</b> , 150, 3440-2	4.8	
1	The 1998 Neuroendocrine Workshop on Stress: a Report on the American Neuroendocrine Society Annual Workshop. <i>Trends in Endocrinology and Metabolism</i> , <b>1999</b> , 10, 5-8	8.8	