

# Sergiy V Korol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1571086/publications.pdf>

Version: 2024-02-01

21  
papers

500  
citations

687363

13  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin differentially modulates GABA signalling in hippocampal neurons and, in an age-dependent manner, normalizes GABA-activated currents in the tgAPP <sup>Swe</sup> mouse model of Alzheimer's disease. <i>Acta Physiologica</i> , 2021, 232, e13623.	3.8	11
2	Tonic GABA-activated synaptic and extrasynaptic currents in dentate gyrus granule cells and CA3 pyramidal neurons along the mouse hippocampal dorsoventral axis. <i>Hippocampus</i> , 2020, 30, 1146-1157.	1.9	6
3	GABAA Receptor-Mediated Currents and Hormone mRNAs in Cells Expressing More Than One Hormone Transcript in Intact Human Pancreatic Islets. <i>International Journal of Molecular Sciences</i> , 2020, 21, 600.	4.1	1
4	Single cell analysis of autism patient with bi-allelic NRXN1-alpha deletion reveals skewed fate choice in neural progenitors and impaired neuronal functionality. <i>Experimental Cell Research</i> , 2019, 383, 111469.	2.6	39
5	Transcriptomes of Dravet syndrome iPSC derived GABAergic cells reveal dysregulated pathways for chromatin remodeling and neurodevelopment. <i>Neurobiology of Disease</i> , 2019, 132, 104583.	4.4	32
6	Interferon- $\beta$ potentiates GABAA receptor-mediated inhibitory currents in rat hippocampal CA1 pyramidal neurons. <i>Journal of Neuroimmunology</i> , 2019, 337, 577050.	2.3	26
7	Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6172.	4.1	18
8	Insulin enhances GABAA receptor-mediated inhibitory currents in rat central amygdala neurons. <i>Neuroscience Letters</i> , 2018, 671, 76-81.	2.1	16
9	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. <i>EBioMedicine</i> , 2018, 30, 283-294.	6.1	104
10	Functional Characterization of Native, High-Affinity GABAA Receptors in Human Pancreatic $\beta$ Cells. <i>EBioMedicine</i> , 2018, 30, 273-282.	6.1	42
11	Expression of calcium release-activated and voltage-gated calcium channels genes in peripheral blood mononuclear cells is altered in pregnancy and in type 1 diabetes. <i>PLoS ONE</i> , 2018, 13, e0208981.	2.5	7
12	AMPA, NMDA and kainate glutamate receptor subunits are expressed in human peripheral blood mononuclear cells (PBMCs) where the expression of GluK4 is altered by pregnancy and GluN2D by depression in pregnant women. <i>Journal of Neuroimmunology</i> , 2017, 305, 51-58.	2.3	17
13	Liraglutide modulates GABAergic signaling in rat hippocampal CA3 pyramidal neurons predominantly by presynaptic mechanism. <i>BMC Pharmacology &amp; Toxicology</i> , 2017, 18, 83.	2.4	13
14	Normal human CD4+ helper T cells express Kv1.1 voltage-gated K+ channels, and selective Kv1.1 block in T cells induces by itself robust TNF $\alpha$ production and secretion and activation of the NF $\kappa$ B non-canonical pathway. <i>Journal of Neural Transmission</i> , 2016, 123, 137-157.	2.8	6
15	GLP-1 and Exendin-4 Transiently Enhance GABAA Receptor-Mediated Synaptic and Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. <i>Diabetes</i> , 2015, 64, 79-89.	0.6	79
16	Etomidate, propofol and diazepam potentiate GABA-evoked GABAA currents in a cell line derived from human glioblastoma. <i>European Journal of Pharmacology</i> , 2015, 748, 101-107.	3.5	18
17	The GLP-1 Receptor Agonist Exendin-4 and Diazepam Differentially Regulate GABAA Receptor-Mediated Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. <i>PLoS ONE</i> , 2015, 10, e0124765.	2.5	21
18	In Intact Islets Interstitial GABA Activates GABAA Receptors That Generate Tonic Currents in $\beta$ -Cells. <i>PLoS ONE</i> , 2013, 8, e67228.	2.5	25

#	ARTICLE	IF	CITATIONS
19	$\beta$ 2-amyloid-induced changes in calcium homeostasis in cultured hippocampal neurons of the rat. Neurophysiology, 2008, 40, 6-9.	0.3	7
20	Potassium permeability of voltage-operated calcium channels of dorsal root ganglion neurons in a calcium-free medium. Neurophysiology, 2008, 40, 79-85.	0.3	0
21	Disruption of Calcium Homeostasis in Alzheimer's Disease. Neurophysiology, 2008, 40, 385-392.	0.3	11