

# Klara Szigeti-Buck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9868811/publications.pdf>

Version: 2024-02-01

19  
papers

3,421  
citations

623734

14  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

7776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinvasion of SARS-CoV-2 in human and mouse brain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	677
2	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020, 130, 4947-4953.	8.2	387
3	Astrocytic Insulin Signaling Couples Brain Glucose Uptake with Nutrient Availability. <i>Cell</i> , 2016, 166, 867-880.	28.9	382
4	Vaginal Exposure to Zika Virus during Pregnancy Leads to Fetal Brain Infection. <i>Cell</i> , 2016, 166, 1247-1256.e4.	28.9	347
5	Hypothalamic POMC neurons promote cannabinoid-induced feeding. <i>Nature</i> , 2015, 519, 45-50.	27.8	336
6	Leptin signaling in astrocytes regulates hypothalamic neuronal circuits and feeding. <i>Nature Neuroscience</i> , 2014, 17, 908-910.	14.8	268
7	Zika Virus Disrupts Phospho-TBK1 Localization and Mitosis in Human Neuroepithelial Stem Cells and Radial Glia. <i>Cell Reports</i> , 2016, 16, 2576-2592.	6.4	253
8	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. <i>PLoS Biology</i> , 2021, 19, e3001143.	5.6	180
9	Reproductive aging is associated with changes in oocyte mitochondrial dynamics, function, and mtDNA quantity. <i>Maturitas</i> , 2016, 93, 121-130.	2.4	72
10	Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. <i>Cell Metabolism</i> , 2021, 33, 1155-1170.e10.	16.2	68
11	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. <i>Nature Neuroscience</i> , 2017, 20, 1096-1103.	14.8	59
12	Viral Spread to Enteric Neurons Links Genital HSV-1 Infection to Toxic Megacolon and Lethality. <i>Cell Host and Microbe</i> , 2016, 19, 788-799.	11.0	58
13	The 7q11.23 Protein DNAJC30 Interacts with ATP Synthase and Links Mitochondria to Brain Development. <i>Cell</i> , 2018, 175, 1088-1104.e23.	28.9	46
14	Fetal Growth Restriction Caused by Sexual Transmission of Zika Virus in Mice. <i>Journal of Infectious Diseases</i> , 2017, 215, 1720-1724.	4.0	44
15	Presynaptic Kv3 channels are required for fast and slow endocytosis of synaptic vesicles. <i>Neuron</i> , 2021, 109, 938-946.e5.	8.1	16
16	Cerebellar Kv3.3 potassium channels activate TANK-binding kinase 1 to regulate trafficking of the cell survival protein Hax-1. <i>Nature Communications</i> , 2021, 12, 1731.	12.8	12
17	Orchidectomy does not significantly affect spine synapse density in the CA3 hippocampal subfield in St. Kitts vervet monkeys ( <i>Chlorocebus aethiops sabaeus</i> ). <i>Neuroscience Letters</i> , 2014, 559, 189-192.	2.1	7
18	Prokaryotic SPHINX replication sequences are conserved in mammalian brain and participate in neurodegeneration. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17687-17698.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Reducing Adiposity in a Critical Developmental Window Has Lasting Benefits in Mice. <i>Endocrinology</i> , 2016, 157, 666-678.	2.8	2