

# Hugo Zeberg

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,247  
citations

516215

16  
h-index

360668

35  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the human genetic architecture of COVID-19. <i>Nature</i> , 2021, 600, 472-477.	13.7	640
2	The major genetic risk factor for severe COVID-19 is inherited from Neanderthals. <i>Nature</i> , 2020, 587, 610-612.	13.7	437
3	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. <i>Nature Medicine</i> , 2021, 27, 659-667.	15.2	188
4	A genomic region associated with protection against severe COVID-19 is inherited from Neandertals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	167
5	Multi-ancestry fine mapping implicates OAS1 splicing in risk of severe COVID-19. <i>Nature Genetics</i> , 2022, 54, 125-127.	9.4	75
6	Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	72
7	Changes in behaviors of male C57BL/6J mice across adult life span and effects of dietary restriction. <i>Age</i> , 2012, 34, 1435-1452.	3.0	61
8	Coenzyme Q10 prevents peripheral neuropathy and attenuates neuron loss in the <i>db/db</i> mouse, a type 2 diabetes model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 690-695.	3.3	57
9	Direct Electrophysiological Correlates of Body Ownership in Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2019, 29, 1328-1341.	1.6	44
10	The fast-off hypothesis revisited: A functional kinetic study of antipsychotic antagonism of the dopamine D2 receptor. <i>European Neuropsychopharmacology</i> , 2016, 26, 467-476.	0.3	38
11	The Neandertal Progesterone Receptor. <i>Molecular Biology and Evolution</i> , 2020, 37, 2655-2660.	3.5	38
12	Novel genes and sex differences in COVID-19 severity. <i>Human Molecular Genetics</i> , 2022, 31, 3789-3806.	1.4	38
13	A Neanderthal Sodium Channel Increases Pain Sensitivity in Present-Day Humans. <i>Current Biology</i> , 2020, 30, 3465-3469.e4.	1.8	33
14	Ion Channel Density Regulates Switches between Regular and Fast Spiking in Soma but Not in Axons. <i>PLoS Computational Biology</i> , 2010, 6, e1000753.	1.5	30
15	Synchronization of Firing in Cortical Fast-Spiking Interneurons at Gamma Frequencies: A Phase-Resetting Analysis. <i>PLoS Computational Biology</i> , 2010, 6, e1000951.	1.5	29
16	The magnetic touch illusion: A perceptual correlate of visuo-tactile integration in peripersonal space. <i>Cognition</i> , 2016, 155, 44-56.	1.1	22
17	Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. <i>Human Genetics</i> , 2022, 141, 147-173.	1.8	22
18	The major genetic risk factor for severe COVID-19 is associated with protection against HIV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	20

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19	Density of voltage-gated potassium channels is a bifurcation parameter in pyramidal neurons. <i>Journal of Neurophysiology</i> , 2015, 113, 537-549.	0.9	19
20	Multisensory correlationsâ€”Not tactile expectationsâ€”Determine the sense of body ownership. <i>PLoS ONE</i> , 2019, 14, e0213265.	1.1	19
21	G Protein-Gated Inwardly Rectifying Potassium Channel Subunits 1 and 2 are Down-Regulated in Rat Dorsal Root Ganglion Neurons and Spinal Cord after Peripheral Axotomy. <i>Molecular Pain</i> , 2015, 11, s12990-015-0044.	1.0	18
22	Tool use changes the spatial extension of the magnetic touch illusion.. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 298-303.	1.5	12
23	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. <i>PLoS ONE</i> , 2020, 15, e0244824.	1.1	12
24	A grading scale for surgically treated patients with spontaneous supratentorial intracerebral hemorrhage: the Surgical Swedish ICH Score. <i>Journal of Neurosurgery</i> , 2020, 133, 800-807.	0.9	11
25	Extracellular Linkers Completely Transplant the Voltage Dependence from Kv1.2 Ion Channels to Kv2.1. <i>Biophysical Journal</i> , 2016, 111, 1679-1691.	0.2	9
26	Ligand with Two Modes of Interaction with the Dopamine D <sub>2</sub> Receptorâ€”An Induced-Fit Mechanism of Insurmountable Antagonism. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3130-3143.	1.7	8
27	Differences in neurosurgical treatment of intracerebral haemorrhage: a nation-wide observational study of 578 consecutive patients. <i>Acta Neurochirurgica</i> , 2019, 161, 955-965.	0.9	7
28	Genetic determinants of mannose-binding lectin activity predispose to thromboembolic complications in critical COVID-19. <i>Nature Immunology</i> , 2022, 23, 861-864.	7.0	7
29	The clinically relevant CYP2C8*3 and CYP2C9*2 haplotype is inherited from Neandertals. <i>Pharmacogenomics Journal</i> , 2022, 22, 247-249.	0.9	7
30	Antipsychotics with similar association kinetics at dopamine D2 receptors differ in extrapyramidal side-effects. <i>Nature Communications</i> , 2018, 9, 3577.	5.8	6
31	Dopamine D2 Receptor Agonist Binding Kineticsâ€”Role of a Conserved Serine Residue. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4078.	1.8	5
32	A substitution in the glutathione reductase lowers electron leakage and inflammation in modern humans. <i>Science Advances</i> , 2022, 8, eabm1148.	4.7	5
33	The Importance of the Dissociation Rate in Ion Channel Blocking. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 33.	1.8	3
34	Phase-Resetting Analysis of Gamma-Frequency Synchronization of Cortical Fast-Spiking Interneurons Using Synaptic-like Conductance Injection. , 2012, , 489-509.		1
35	Low-Resistance silver bromide electrodes for recording fast ion channel kinetics under voltage clamp conditions. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108984.	1.3	1
36	Radiolucent Skull Clamps for Intra-Operative Imaging: A Technical Note. <i>Cureus</i> , 2017, 9, e1020.	0.2	1

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37	Reptitive Firing In Neurons - Analysing The Interaction Between Channel Density And Kinetics In Membrane Models. Biophysical Journal, 2009, 96, 480a.	0.2	0
38	Increasing the Potassium Channel Density in Regularly Spiking Pyramidal Cells can Turn them into Fast Spiking. Biophysical Journal, 2010, 98, 140a.	0.2	0
39	Dynamic Clamp Conductance Injection Software Based on the QNX Real Time Operating System with Error Control and an Implicit Integration Method. Biophysical Journal, 2012, 102, 595a.	0.2	0
40	Local Anesthetics on Kv Channels - Closed State Binding of Bupivacaine?. Biophysical Journal, 2013, 104, 126a.	0.2	0
41	Longitudinal variability in mortality predicts COVID-19 deaths. European Journal of Epidemiology, 2021, 36, 599-603.	2.5	0
42	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0
43	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0
44	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0
45	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0
46	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0
47	A direct RT-qPCR approach to test large numbers of individuals for SARS-CoV-2. , 2020, 15, e0244824.		0