

# Rune Rasmussen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5187989/publications.pdf>

Version: 2024-02-01

19  
papers

352  
citations

933447

10  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstitial ions: A key regulator of state-dependent neural activity?. <i>Progress in Neurobiology</i> , 2020, 193, 101802.	5.7	60
2	Cortex-wide Changes in Extracellular Potassium Ions Parallel Brain State Transitions in Awake Behaving Mice. <i>Cell Reports</i> , 2019, 28, 1182-1194.e4.	6.4	53
3	MicroRNA Changes in Cerebrospinal Fluid After Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, 2391-2398.	2.0	43
4	A segregated cortical stream for retinal direction selectivity. <i>Nature Communications</i> , 2020, 11, 831.	12.8	38
5	Sulforhodamine 101, a widely used astrocyte marker, can induce cortical seizure-like activity at concentrations commonly used. <i>Scientific Reports</i> , 2016, 6, 30433.	3.3	37
6	Does Global Astrocytic Calcium Signaling Participate in Awake Brain State Transitions and Neuronal Circuit Function?. <i>Neurochemical Research</i> , 2017, 42, 1810-1822.	3.3	29
7	Chaotic Dynamics Mediate Brain State Transitions, Driven by Changes in Extracellular Ion Concentrations. <i>Cell Systems</i> , 2017, 5, 591-603.e4.	6.2	27
8	The influence of norepinephrine and phenylephrine on cerebral perfusion and oxygenation during propofol-remifentanil and propofol-dexmedetomidine anaesthesia in piglets. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 8.	1.6	14
9	Contributions of Retinal Direction Selectivity to Central Visual Processing. <i>Current Biology</i> , 2020, 30, R897-R903.	3.9	12
10	A Prodrug Approach Involving In Situ Depot Formation to Achieve Localized and Sustained Action of Diclofenac After Joint Injection. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 4021-4029.	3.3	10
11	Spontaneous Functional Recovery from Incomplete Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2016, 36, 8535-8537.	3.6	9
12	The effect of dexmedetomidine on cerebral perfusion and oxygenation in healthy piglets with normal and lowered blood pressure anaesthetized with propofol-remifentanil total intravenous anaesthesia. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 27.	1.6	9
13	Circuit Mechanisms Governing Local vs. Global Motion Processing in Mouse Visual Cortex. <i>Frontiers in Neural Circuits</i> , 2017, 11, 109.	2.8	7
14	Protein Networks in Alzheimer's Disease. <i>Cell Systems</i> , 2017, 4, 153-155.	6.2	2
15	Astrocytes: Tailored to Support the Demand of Neural Circuits?. <i>Cell Systems</i> , 2017, 5, 165-167.	6.2	1
16	Motor cortical HCN channels: a contributor to coordinated forelimb movements in rodents?. <i>Journal of Physiology</i> , 2017, 595, 633-634.	2.9	0
17	Bursting deep dorsal horn neurons: the pharmacological target for the antispastic effects of zolmitriptan?. <i>Journal of Neurophysiology</i> , 2017, 117, 1841-1843.	1.8	0
18	Neural Polyamory: One Cell Forms Meaningful Connections with Hundreds of Partners. <i>Cell Systems</i> , 2020, 10, 381-383.	6.2	0

#	ARTICLE	IF	CITATIONS
19	Does Size Really Matter? The Role of Tonotopic Map Area Dynamics for Sound Learning in Mouse Auditory Cortex. ENeuro, 2017, 4, ENEURO.0002-17.2017.	1.9	0