

William E Allen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

3,083
citations

567281

15
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

4993
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional intact-tissue sequencing of single-cell transcriptional states. <i>Science</i> , 2018, 361, .	12.6	890
2	Temporal evolution of cortical ensembles promoting remote memory retrieval. <i>Nature Neuroscience</i> , 2019, 22, 460-469.	14.8	317
3	Global Representations of Goal-Directed Behavior in Distinct Cell Types of Mouse Neocortex. <i>Neuron</i> , 2017, 94, 891-907.e6.	8.1	316
4	Wiring and Molecular Features of Prefrontal Ensembles Representing Distinct Experiences. <i>Cell</i> , 2016, 165, 1776-1788.	28.9	295
5	Thirst regulates motivated behavior through modulation of brainwide neural population dynamics. <i>Science</i> , 2019, 364, 253.	12.6	256
6	Thirst-associated preoptic neurons encode an aversive motivational drive. <i>Science</i> , 2017, 357, 1149-1155.	12.6	233
7	Ancestral Circuits for the Coordinated Modulation of Brain State. <i>Cell</i> , 2017, 171, 1411-1423.e17.	28.9	145
8	Dynamic salience processing in paraventricular thalamus gates associative learning. <i>Science</i> , 2018, 362, 423-429.	12.6	133
9	Cerebellar nuclei evolved by repeatedly duplicating a conserved cell-type set. <i>Science</i> , 2020, 370, .	12.6	123
10	Population-scale longitudinal mapping of COVID-19 symptoms, behaviour and testing. <i>Nature Human Behaviour</i> , 2020, 4, 972-982.	12.0	93
11	Structural mechanisms of selectivity and gating in anion channelrhodopsins. <i>Nature</i> , 2018, 561, 349-354.	27.8	67
12	Differential encoding in prefrontal cortex projection neuron classes across cognitive tasks. <i>Cell</i> , 2021, 184, 489-506.e26.	28.9	58
13	Cortical Observation by Synchronous Multifocal Optical Sampling Reveals Widespread Population Encoding of Actions. <i>Neuron</i> , 2020, 107, 351-367.e19.	8.1	56
14	Early adolescent Rai1 reactivation reverses transcriptional and social interaction deficits in a mouse model of Smithâ€™s Magenis syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10744-10749.	7.1	26
15	Building an international consortium for tracking coronavirus health status. <i>Nature Medicine</i> , 2020, 26, 1161-1165.	30.7	23
16	Intersectional Illumination of Neural Circuit Function. <i>Neuron</i> , 2015, 85, 889-892.	8.1	9
17	Brain mapping, from molecules to networks. <i>Science</i> , 2020, 370, 925-925.	12.6	1
18	Three-dimensional in situ sequencing of single cells in intact tissue. <i>FASEB Journal</i> , 2019, 33, 221.3.	0.5	1