

Nelson K Totah

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

768
citations

933447

10
h-index

1199594

12
g-index

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all docs

20
docs citations

20
times ranked

1049
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Locus Coeruleus Is a Complex and Differentiated Neuromodulatory System. <i>Neuron</i> , 2018, 99, 1055-1068.e6. | 8.1 | 133 |
| 2 | Redefining Noradrenergic Neuromodulation of Behavior: Impacts of a Modular Locus Coeruleus Architecture. <i>Journal of Neuroscience</i> , 2019, 39, 8239-8249. | 3.6 | 132 |
| 3 | Anterior Cingulate Neurons Represent Errors and Preparatory Attention within the Same Behavioral Sequence. <i>Journal of Neuroscience</i> , 2009, 29, 6418-6426. | 3.6 | 122 |
| 4 | Unilateral electrical stimulation of rat locus coeruleus elicits bilateral response of norepinephrine neurons and sustained activation of medial prefrontal cortex. <i>Journal of Neurophysiology</i> , 2014, 111, 2570-2588. | 1.8 | 91 |
| 5 | Adolescent Behavior and Dopamine Availability Are Uniquely Sensitive to Dietary Omega-3 Fatty Acid Deficiency. <i>Biological Psychiatry</i> , 2014, 75, 38-46. | 1.3 | 88 |
| 6 | The influence of NMDA and GABA _A receptors and glutamic acid decarboxylase (GAD) activity on attention. <i>Psychopharmacology</i> , 2013, 225, 31-39. | 3.1 | 49 |
| 7 | Noradrenergic ensemble-based modulation of cognition over multiple timescales. <i>Brain Research</i> , 2019, 1709, 50-66. | 2.2 | 44 |
| 8 | Distinct prestimulus and poststimulus activation of VTA neurons correlates with stimulus detection. <i>Journal of Neurophysiology</i> , 2013, 110, 75-85. | 1.8 | 41 |
| 9 | Distinct ensembles in the noradrenergic locus coeruleus are associated with diverse cortical states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2116507119. | 7.1 | 23 |
| 10 | Synchronous spiking associated with prefrontal high β oscillations evokes a 5-Hz rhythmic modulation of spiking in locus coeruleus. <i>Journal of Neurophysiology</i> , 2021, 125, 1191-1201. | 1.8 | 16 |
| 11 | Atomoxetine accelerates attentional set shifting without affecting learning rate in the rat. <i>Psychopharmacology</i> , 2015, 232, 3697-3707. | 3.1 | 9 |
| 12 | Three Water Restriction Schedules Used in Rodent Behavioral Tasks Transiently Impair Growth and Differentially Evoke a Stress Hormone Response without Causing Dehydration. <i>ENeuro</i> , 2021, 8, ENEURO.0424-21.2021. | 1.9 | 7 |
| 13 | Complexity and Heterogeneity in Psychiatric Disorders. , 2016, , . | | 1 |