# Jonathan W Lovelace

List of Publications by Year
in descending order



| 19 | 764 | 687363 13 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 775 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Functional consequences of postnatal interventions in a mouse model of Fragile X syndrome. Neurobiology of Disease, 2022, 162, 105577. | 4.4 | 9 |
| 2 | A sound-driven cortical phase-locking change in the Fmr1 KO mouse requires Fmr1 deletion in a subpopulation of brainstem neurons. Neurobiology of Disease, 2022, 170, 105767. | 4.4 | 4 |
| 3 | Age- and movement-related modulation of cortical oscillations in a mouse model of presbycusis. Hearing Research, 2021, 402, 108095. | 2.0 | 6 |
| 4 | Increased 2-arachidonoyl-sn-glycerol levels normalize cortical responses to sound and improve behaviors in Fmr1 KO mice. Journal of Neurodevelopmental Disorders, 2021, 13, 47. | 3.1 | 7 |
| 5 | Deletion of Fmr1 from Forebrain Excitatory Neurons Triggers Abnormal Cellular, EEG, and Behavioral Phenotypes in the Auditory Cortex of a Mouse Model of Fragile X Syndrome. Cerebral Cortex, 2020, 30, 969-988. | 2.9 | 55 |
| 6 | Beneficial effects of sound exposure on auditory cortex development in a mouse model of Fragile X Syndrome. Neurobiology of Disease, 2020, 134, 104622. | 4.4 | 18 |
| 7 | Minocycline Treatment Reverses Sound Evoked EEG Abnormalities in a Mouse Model of Fragile X Syndrome. Frontiers in Neuroscience, 2020, 14, 771. | 2.8 | 16 |
| 8 | Acute pharmacological inhibition of matrix metalloproteinaseâ€9 activity during development restores perineuronal net formation and normalizes auditory processing in Fmr1 KO mice. Journal of Neurochemistry, 2020, 155, 538-558. | 3.9 | 41 |
| 9 | Modulation of posttraumatic epileptogenesis in aquaporinâ€4 knockout mice. Epilepsia, 2020, 61, 1503-1514. | 5.1 | 14 |
| 10 | Mechanisms underlying auditory processing deficits in Fragile X syndrome. FASEB Journal, 2020, 34, 3501-3518. | 0.5 | 41 |
| 11 | Multielectrode array analysis of EEG biomarkers in a mouse model of Fragile X Syndrome. Neurobiology of Disease, 2020, 138, 104794. | 4.4 | 47 |
| 12 | Developmental Changes in EEG Phenotypes in a Mouse Model of Fragile X Syndrome. Neuroscience, 2019, 398, 126-143. | 2.3 | 47 |
| 13 | Translation-relevant EEG phenotypes in a mouse model of Fragile X Syndrome. Neurobiology of Disease, 2018, 115, 39-48. | 4.4 | 102 |
| 14 | GLT-1-Dependent Disruption of CNS Glutamate Homeostasis and Neuronal Function by the Protozoan Parasite Toxoplasma gondii. PLoS Pathogens, 2016, 12, e1005643. | 4.7 | 138 |
| 15 | Matrix metalloproteinase-9 deletion rescues auditory evoked potential habituation deficit in a mouse model of Fragile X Syndrome. Neurobiology of Disease, 2016, 89, 126-135. | 4.4 | 88 |
| 16 | Prefrontal NMDA receptors expressed in excitatory neurons control fear discrimination and fear extinction. Neurobiology of Learning and Memory, 2015, 119, 52-62. | 1.9 | 47 |
| 17 | An animal model of female adolescent cannabinoid exposure elicits a long-lasting deficit in presynaptic long-term plasticity. Neuropharmacology, 2015, 99, 242-255. | 4.1 | 35 |
| 18 | Impaired Fear Memory Specificity Associated with Deficient Endocannabinoid-Dependent Long-Term Plasticity. Neuropsychopharmacology, 2014, 39, 1685-1693. | 5.4 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Prefrontal consolidation supports the attainment of fear memory accuracy. Learning and Memory, 2014, 21, 394-405. | 1.3 | 32 |