# Hala Harony-Nicolas

List of Publications by Year
in descending order



| 20 | 1,120 | 687363 13 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 2047 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reconsidering animal models used to study autism spectrum disorder: Current state and optimizing future. Genes, Brain and Behavior, 2022, 21, e12803. | 2.2 | 55 |
| 2 | TrackUSF, a novel tool for automated ultrasonic vocalization analysis, reveals modified calls in a rat model of autism. BMC Biology, 2022, 20, . | 3.8 | 4 |
| 3 | Reduced brain volume and white matter alterations in Shank3â€deficient rats. Autism Research, 2021, 14, 1837-1842. | 3.8 | 10 |
| 4 | A randomized controlled trial of intranasal oxytocin in Phelan-McDermid syndrome. Molecular Autism, 2021, 12, 62. | 4.9 | 11 |
| 5 | The interplay between glutamatergic circuits and oxytocin neurons in the hypothalamus and its relevance to neurodevelopmental disorders. Journal of Neuroendocrinology, 2021, 33, e13061. | 2.6 | 11 |
| 6 | Efficiency of cell-type specific and generic promoters in transducing oxytocin neurons and monitoring their neural activity during lactation. Scientific Reports, 2021, 11, 22541. | 3.3 | 8 |
| 7 | Altered synaptic ultrastructure in the prefrontal cortex of Shank3-deficient rats. Molecular Autism, 2020, 11, 89. | 4.9 | 17 |
| 8 | Reduced axonal caliber and structural changes in a rat model of Fragile X syndrome with a deletion of a K-Homology domain of Fmr1. Translational Psychiatry, 2020, 10, 280. | 4.8 | 5 |
| 9 | Deletion of the KH1 Domain ofFmr1Leads to Transcriptional Alterations and Attentional Deficits in Rats. Cerebral Cortex, 2019, 29, 2228-2244. | 2.9 | 22 |
| 10 | Developmental social communication deficits in the Shank3 rat model of phelanâ€mcdermid syndrome and autism spectrum disorder. Autism Research, 2018, 11, 587-601. | 3.8 | 78 |
| 11 | Shank3â€deficient rats exhibit degraded cortical responses to sound. Autism Research, 2018, 11, 59-68. | 3.8 | 26 |
| 12 | Oxytocin as a Modulator of Synaptic Plasticity: Implications for Neurodevelopmental Disorders. Frontiers in Synaptic Neuroscience, 2018, 10, 17. | 2.5 | 39 |
| 13 | Autism spectrum disorder: neuropathology and animal models. Acta Neuropathologica, 2017, 134, 537-566. | 7.7 | 335 |
| 14 | Oxytocin and Animal Models for Autism Spectrum Disorder. Current Topics in Behavioral Neurosciences, 2017, 35, 213-237. | 1.7 | 22 |
| 15 | Oxytocin improves behavioral and electrophysiological deficits in a novel Shank3-deficient rat. ELife, 2017, 6, . | 6.0 | 136 |
| 16 | Cyfip1 Regulates Presynaptic Activity during Development. Journal of Neuroscience, 2016, 36, 1564-1576. | 3.6 | 58 |
| 17 | Ultrastructural analyses in the hippocampus CA1 field in Shank3-deficient mice. Molecular Autism, 2015, 6, 41. | 4.9 | 31 |
| 18 | Phelan McDermid Syndrome. Journal of Child Neurology, 2015, 30, 1861-1870. | 1.4 | 62 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Brain region-specific methylation in the promoter of the murine oxytocin receptor gene is involved in its expression regulation. Psychoneuroendocrinology, 2014, 39, 121-131. | 2.7 | 52 |
| 20 | Identification of Small Exonic CNV from Whole-Exome Sequence Data and Application to Autism Spectrum Disorder. American Journal of Human Genetics, 2013, 93, 607-619. | 6.2 | 136 |