

Colette M Maurer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

767
citations

758635

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839053

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19
docs citations

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times ranked

1126
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An ecotoxicological view on neurotoxicity assessment. <i>Environmental Sciences Europe</i> , 2018, 30, 46. | 2.6 | 168 |
| 2 | Classification of Object Size in Retinotectal Microcircuits. <i>Current Biology</i> , 2014, 24, 2376-2385. | 1.8 | 129 |
| 3 | Layer-Specific Targeting of Direction-Selective Neurons in the Zebrafish Optic Tectum. <i>Neuron</i> , 2012, 76, 1147-1160. | 3.8 | 98 |
| 4 | Approaches to Test the Neurotoxicity of Environmental Contaminants in the Zebrafish Model: From Behavior to Molecular Mechanisms. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 989-1006. | 2.2 | 68 |
| 5 | Anthropogenic Chemicals As Underestimated Drivers of Biodiversity Loss: Scientific and Societal Implications. <i>Environmental Science & Technology</i> , 2022, 56, 707-710. | 4.6 | 57 |
| 6 | Phylogenetic analysis of the vertebrate Excitatory/Neutral Amino Acid Transporter (SLC1/EAAT) family reveals lineage specific subfamilies. <i>BMC Evolutionary Biology</i> , 2010, 10, 117. | 3.2 | 48 |
| 7 | Distinct Retinal Deficits in a Zebrafish Pyruvate Dehydrogenase-Deficient Mutant. <i>Journal of Neuroscience</i> , 2010, 30, 11962-11972. | 1.7 | 36 |
| 8 | Application of zebrafish oculomotor behavior to model human disorders. <i>Reviews in the Neurosciences</i> , 2011, 22, 5-16. | 1.4 | 33 |
| 9 | The Severity of Acute Stress Is Represented by Increased Synchronous Activity and Recruitment of Hypothalamic CRH Neurons. <i>Journal of Neuroscience</i> , 2016, 36, 3350-3362. | 1.7 | 33 |
| 10 | Emergence of consistent intra-individual locomotor patterns during zebrafish development. <i>Scientific Reports</i> , 2019, 9, 13647. | 1.6 | 22 |
| 11 | Shaping of Signal Transmission at the Photoreceptor Synapse by EAAT2 Glutamate Transporters. <i>ENeuro</i> , 2017, 4, ENEURO.0339-16.2017. | 0.9 | 18 |
| 12 | Systems Toxicology Approach for Testing Chemical Cardiotoxicity in Larval Zebrafish. <i>Chemical Research in Toxicology</i> , 2020, 33, 2550-2564. | 1.7 | 13 |
| 13 | Proper migration and axon outgrowth of zebrafish cranial motoneuron subpopulations require the cell adhesion molecule MDGA2A. <i>Biology Open</i> , 2015, 4, 146-154. | 0.6 | 10 |
| 14 | Zebrafish Larvae Rapidly Recover from Locomotor Effects and Neuromuscular Alterations Induced by Cholinergic Insecticides. <i>Environmental Science & Technology</i> , 2022, 56, 8449-8462. | 4.6 | 10 |
| 15 | Excitatory amino acid transporters in the zebrafish. <i>Brain Research Bulletin</i> , 2010, 83, 202-206. | 1.4 | 8 |
| 16 | Sub-Lethal Peak Exposure to Insecticides Triggers Olfaction-Mediated Avoidance in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2021, 55, 11835-11847. | 4.6 | 7 |
| 17 | From Causal Networks to Adverse Outcome Pathways: A Developmental Neurotoxicity Case Study. <i>Frontiers in Toxicology</i> , 2022, 4, 815754. | 1.6 | 5 |
| 18 | Systems Toxicology Approach for Assessing Developmental Neurotoxicity in Larval Zebrafish. <i>Frontiers in Genetics</i> , 2021, 12, 652632. | 1.1 | 3 |