

AurÃ©lie Ledreux

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,347
citations

361045

20
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2387
citing authors

#	ARTICLE	IF	CITATIONS
1	First report in a river in France of the benthic cyanobacterium <i>Phormidium favosum</i> producing anatoxin-a associated with dog neurotoxicosis. <i>Toxicol</i> , 2005, 45, 919-928.	0.8	276
2	BDNF Responses in Healthy Older Persons to 35 Minutes of Physical Exercise, Cognitive Training, and Mindfulness: Associations with Working Memory Function. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 645-657.	1.2	122
3	Neuronal exosomes reveal Alzheimer's disease biomarkers in Down syndrome. <i>Alzheimer's and Dementia</i> , 2017, 13, 541-549.	0.4	94
4	Altered levels of plasma neuron-derived exosomes and their cargo proteins characterize acute and chronic mild traumatic brain injury. <i>FASEB Journal</i> , 2019, 33, 5082-5088.	0.2	79
5	Detrimental effects of a high fat/high cholesterol diet on memory and hippocampal markers in aged rats. <i>Behavioural Brain Research</i> , 2016, 312, 294-304.	1.2	70
6	Evidence for saxitoxins production by the cyanobacterium <i>Aphanizomenon gracile</i> in a French recreational water body. <i>Harmful Algae</i> , 2010, 10, 88-97.	2.2	66
7	Exosomal biomarkers in Down syndrome and Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2018, 114, 110-121.	1.3	64
8	Traumatic brain injury increases plasma astrocyte-derived exosome levels of neurotoxic complement proteins. <i>FASEB Journal</i> , 2020, 34, 3359-3366.	0.2	54
9	Suitability of the Neuro-2a cell line for the detection of palytoxin and analogues (neurotoxic) <i>Tj ETQq1</i> 1 0.784314 <i>rgBT /Overlock</i> 10 0.8 53	0.8	53
10	Dynamics of ciguatoxins from <i>Gambierdiscus polynesiensis</i> in the benthic herbivore <i>Mugil cephalus</i> : Trophic transfer implications. <i>Harmful Algae</i> , 2014, 39, 165-174.	2.2	52
11	Serum pro-BDNF levels correlate with phospho-tau staining in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 87, 49-59.	1.5	42
12	Cognitive Impairment, Neuroimaging, and Alzheimer Neuropathology in Mouse Models of Down Syndrome. <i>Current Alzheimer Research</i> , 2015, 13, 35-52.	0.7	41
13	APPLICATION OF THE NEUROBLASTOMA ASSAY FOR PARALYTIC SHELLFISH POISONS TO NEUROTOXIC FRESHWATER CYANOBACTERIA: INTERLABORATORY CALIBRATION AND COMPARISON WITH OTHER METHODS OF ANALYSIS. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1512.	2.2	34
14	Collaborative study for the detection of toxic compounds in shellfish extracts using cell-based assays. Part I: screening strategy and pre-validation study with lipophilic marine toxins. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1983-1993.	1.9	33
15	Neuron-Derived Exosome Proteins May Contribute to Progression From Repetitive Mild Traumatic Brain Injuries to Chronic Traumatic Encephalopathy. <i>Frontiers in Neuroscience</i> , 2019, 13, 452.	1.4	32
16	Differential Effects of Physical Exercise, Cognitive Training, and Mindfulness Practice on Serum BDNF Levels in Healthy Older Adults: A Randomized Controlled Intervention Study. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1245-1261.	1.2	30
17	A noradrenergic lesion aggravates the effects of systemic inflammation on the hippocampus of aged rats. <i>PLoS ONE</i> , 2017, 12, e0189821.	1.1	30
18	Collaborative study for the detection of toxic compounds in shellfish extracts using cell-based assays. Part II: application to shellfish extracts spiked with lipophilic marine toxins. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1995-2007.	1.9	26

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19	RvE1 treatment prevents memory loss and neuroinflammation in the Ts65Dn mouse model of Down syndrome. <i>Glia</i> , 2020, 68, 1347-1360.	2.5	24
20	Bioavailability and intravenous toxicokinetic parameters for Pacific ciguatoxin P-CTX-1 in rats. <i>Toxicon</i> , 2013, 64, 81-86.	0.8	22
21	A non-radioactive ligand-binding assay for detection of cyanobacterial anatoxins using Torpedo electrocyte membranes. <i>Toxicon</i> , 2008, 52, 163-174.	0.8	20
22	Assessment of Long-Term Effects of Sports-Related Concussions: Biological Mechanisms and Exosomal Biomarkers. <i>Frontiers in Neuroscience</i> , 2020, 14, 761.	1.4	16
23	Exosome release and cargo in Down syndrome. <i>Developmental Neurobiology</i> , 2019, 79, 639-655.	1.5	15
24	BDNF levels are increased by aminoindan and rasagiline in a double lesion model of Parkinson's disease. <i>Brain Research</i> , 2016, 1631, 34-45.	1.1	11
25	Colorimetric engineered immunoprobe for the detection and quantification of microcystins. <i>Journal of Immunological Methods</i> , 2014, 406, 124-130.	0.6	10
26	Small Neuron-Derived Extracellular Vesicles from Individuals with Down Syndrome Propagate Tau Pathology in the Wildtype Mouse Brain. <i>Journal of Clinical Medicine</i> , 2021, 10, 3931.	1.0	10
27	Inhibitory designer receptors aggravate memory loss in a mouse model of down syndrome. <i>Neurobiology of Disease</i> , 2020, 134, 104616.	2.1	9
28	Memory and hippocampal architecture following short-term midazolam in western diet-treated rats. <i>Neuroscience Letters</i> , 2016, 621, 68-74.	1.0	4
29	Centre of pressure velocity shows impairments in NCAA Division I athletes six months post-concussion during standing balance. <i>Journal of Sports Sciences</i> , 2020, 38, 2677-2687.	1.0	4
30	Sample preparation and liquid chromatography-tandem mass spectrometry for the analysis of selected Pacific ciguatoxins in blood samples. <i>Journal of Chromatography A</i> , 2020, 1621, 461050.	1.8	3
31	Biomarkers show value of studying dementia in Down syndrome. <i>Nature Reviews Neurology</i> , 2021, 17, 599-600.	4.9	1
32	Response to Letter to the Editor regarding "Collaborative study for the detection of toxic compounds in shellfish extracts using cell-based assays. Part I: screening strategy and pre-validation study with lipophilic marine toxins" and "Part II: application to shellfish extracts spiked with lipophilic marine toxins". <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1613-1614.	1.9	0
33	Curiosity-Based Interventions Increase Everyday Functioning Score But Not Serum BDNF Levels in a Cohort of Healthy Older Adults. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	0
34	Fluid biomarkers for Alzheimer's disease in Down syndrome: Current status and novel trends. , 2022, , 97-128.		0