AurÃ©lie Ledreux

List of Publications by Year
in descending order

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	Fluid biomarkers for Alzheimer's disease in Down syndrome: Current status and novel trends. , 2022, , 97-128.		0
2	Small Neuron-Derived Extracellular Vesicles from Individuals with Down Syndrome Propagate Tau Pathology in the Wildtype Mouse Brain. Journal of Clinical Medicine, 2021, 10, 3931.	1.0	10
3	Curiosity-Based Interventions Increase Everyday Functioning Score But Not Serum BDNF Levels in a Cohort of Healthy Older Adults. Frontiers in Aging, 2021, 2, .	1.2	0
4	Biomarkers show value of studying dementia in Down syndrome. Nature Reviews Neurology, 2021, 17, 599-600.	4.9	1
5	Inhibitory designer receptors aggravate memory loss in a mouse model of down syndrome. Neurobiology of Disease, 2020, 134, 104616.	2.1	9
6	Traumatic brain injury increases plasma astrocyteâ€derived exosome levels of neurotoxic complement proteins. FASEB Journal, 2020, 34, 3359-3366.	0.2	54
7	Serum pro-BDNF levels correlate with phospho-tau staining in Alzheimer's disease. Neurobiology of Aging, 2020, 87, 49-59.	1.5	42
8	Centre of pressure velocity shows impairments in NCAA Division I athletes six months post-concussion during standing balance. Journal of Sports Sciences, 2020, 38, 2677-2687.	1.0	4
9	Assessment of Long-Term Effects of Sports-Related Concussions: Biological Mechanisms and Exosomal Biomarkers. Frontiers in Neuroscience, 2020, 14, 761.	1.4	16
10	RvE1 treatment prevents memory loss and neuroinflammation in the Ts65Dn mouse model of Down syndrome. Glia, 2020, 68, 1347-1360.	2.5	24
11	Sample preparation and liquid chromatographyâ€“tandem mass spectrometry for the analysis of selected Pacific ciguatoxins in blood samples. Journal of Chromatography A, 2020, 1621, 461050.	1.8	3
12	Exosome release and cargo in Down syndrome. Developmental Neurobiology, 2019, 79, 639-655.	1.5	15
13	Differential Effects of Physical Exercise, Cognitive Training, and Mindfulness Practice on Serum BDNF Levels in Healthy Older Adults: A Randomized Controlled Intervention Study. Journal of Alzheimer's Disease, 2019, 71, 1245-1261.	1.2	30
14	Neuron-Derived Exosome Proteins May Contribute to Progression From Repetitive Mild Traumatic Brain Injuries to Chronic Traumatic Encephalopathy. Frontiers in Neuroscience, 2019, 13, 452.	1.4	32
15	Altered levels of plasma neuronâ€derived exosomes and their cargo proteins characterize acute and chronic mild traumatic brain injury. FASEB Journal, 2019, 33, 5082-5088.	0.2	79
16	Exosomal biomarkers in Down syndrome and Alzheimer's disease. Free Radical Biology and Medicine, 2018, 114, 110-121.	1.3	64
17	Neuronal exosomes reveal Alzheimer's disease biomarkers in Down syndrome. Alzheimer's and Dementia, 2017, 13, 541-549.	0.4	94
18	A noradrenergic lesion aggravates the effects of systemic inflammation on the hippocampus of aged rats. PLoS ONE, 2017, 12, e0189821.	1.1	30

#	Article	IF	Citations
19	BDNF Responses in Healthy Older PersonsÂto 35 Minutes of Physical Exercise,ÂCognitive Training, andÂMindfulness: Associations withÂWorking Memory Function. Journal of Alzheimer's Disease, 2016, 55, 645-657.	1.2	122
20	Memory and hippocampal architecture following short-term midazolam in western diet-treated rats. Neuroscience Letters, 2016, 621, 68-74.	1.0	4
21	Detrimental effects of a high fat/high cholesterol diet on memory and hippocampal markers in aged rats. Behavioural Brain Research, 2016, 312, 294-304.	1.2	70
22	BDNF levels are increased by aminoindan and rasagiline in a double lesion model of Parkinson×³s disease. Brain Research, 2016, 1631, 34-45.	1.1	11
23	Cognitive Impairment, Neuroimaging, and Alzheimer Neuropathology in Mouse Models of Down Syndrome. Current Alzheimer Research, 2015, 13, 35-52.	0.7	41
24	Colorimetric engineered immunoprobe for the detection and quantification of microcystins. Journal of Immunological Methods, 2014, 406, 124-130.	0.6	10
25	Dynamics of ciguatoxins from Gambierdiscus polynesiensis in the benthic herbivore Mugil cephalus: Trophic transfer implications. Harmful Algae, 2014, 39, 165-174.	2.2	52
26	Bioavailability and intravenous toxicokinetic parameters for Pacific ciguatoxin P-CTX-1 in rats. Toxicon, 2013, 64, 81-86.	0.8	22
27	Response to Letter to the Editor regarding â€œCollaborative 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 toxinsâ€•and â€œPart II: application to shellfish extracts spiked with lipophilic marine toxinsâ€• Analytical and Bioanalytical Chemistry, 2012, 404, 1613-1614.	1.9	0
28	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. Analytical and Bioanalytical Chemistry, 2012, 403, 1983-1993.	1.9	33
29	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. Analytical and Bioanalytical Chemistry, 2012, 403, 1995-2007.	1.9	26
30	Evidence for saxitoxins production by the cyanobacterium Aphanizomenon gracile in a French recreational water body. Harmful Algae, 2010, 10, 88-97.	2.2	66
31	Suitability of the Neuro-2a cell line for the detection of palytoxin and analogues (neurotoxic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	53
32	A non-radioactive ligand-binding assay for detection of cyanobacterial anatoxins using Torpedo electrocyte membranes. Toxicon, 2008, 52, 163-174.	0.8	20
33	APPLICATION OF THE NEUROBLASTOMA ASSAY FOR PARALYTIC SHELLFISH POISONS TO NEUROTOXIC FRESHWATER CYANOBACTERIA: INTERLABORATORY CALIBRATION AND COMPARISON WITH OTHER METHODS OF ANALYSIS. Environmental Toxicology and Chemistry, 2007, 26, 1512.	2.2	34
34	First report in a river in France of the benthic cyanobacterium Phormidium favosum producing anatoxin-a associated with dog neurotoxicosis. Toxicon, 2005, 45, 919-928.	0.8	276