BenoÃ®t Pouyatos

List of Publications by Year
in descending order

25	448	932766 10	713013 21
papers	citations	h-index	g-index

25	25	25	382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Precision Radiosurgical Dose Delivery by Interlaced Microbeam Arrays of High-Flux Low-Energy Synchrotron X-Rays. PLoS ONE, 2010, 5, e9028.	1.1	79
2	Solvent ototoxicity in the rat and guinea pig. Neurotoxicology and Teratology, 2003, 25, 39-50.	1.2	62
3	JP-8 Jet Fuel Can Promote Auditory Impairment Resulting From Subsequent Noise Exposure in Rats. Toxicological Sciences, 2007, 98, 510-525.	1.4	44
4	Acrylonitrile potentiates hearing loss and cochlear damage induced by moderate noise exposure in rats. Toxicology and Applied Pharmacology, 2005, 204, 46-56.	1.3	39
5	Use of DPOAEs for assessing hearing loss caused by styrene in the rat. Hearing Research, 2002, 165, 156-164.	0.9	38
6	Oxidative stress pathways in the potentiation of noise-induced hearing loss by acrylonitrile. Hearing Research, 2007, 224, 61-74.	0.9	27
7	Promotion of Noise-Induced Cochlear Injury by Toluene and Ethylbenzene in the Rat. Toxicological Sciences, 2007, 98, 542-551.	1.4	26
8	Sensory coding is impaired in rat absence epilepsy. Journal of Physiology, 2019, 597, 951-966.	1.3	25
9	Synchrotron X-ray interlaced microbeams suppress paroxysmal oscillations in neuronal networks initiating generalized epilepsy. Neurobiology of Disease, 2013, 51, 152-160.	2.1	24
10	Consequences of noise- or styrene-induced cochlear damages on glutamate decarboxylase levels in the rat inferior colliculus. Hearing Research, 2004, 189, 83-91.	0.9	11
11	Long-term modifications of epileptogenesis and hippocampal rhythms after prolonged hyperthermic seizures in the mouse. Neurobiology of Disease, 2014, 69, 156-168.	2.1	11
12	Synchrotron X Ray Induced Axonal Transections in the Brain of Rats Assessed by High-Field Diffusion Tensor Imaging Tractography. PLoS ONE, 2014, 9, e88244.	1.1	9
13	Combined exposure to carbon disulfide and low-frequency noise reversibly affects vestibular function. NeuroToxicology, 2018, 67, 270-278.	1.4	8
14	Aberrant neuronal connectivity in the cortex drives generation of seizures in rat absence epilepsy. Brain, 2022, 145, 1978-1991.	3.7	8
15	Synchrotron-generated microbeams induce hippocampal transections in rats. Scientific Reports, 2018, 8, 184.	1.6	7
16	Ototoxicity. Environmental Health Perspectives, 2005, 113, A443-4.	2.8	5
17	Distortion product otoacoustic emissions as non-invasive biomarkers and predictors of soman-induced central neurotoxicity: A preliminary study. Toxicology, 2007, 238, 119-129.	2.0	5
18	Toxicokinetic parameters of toluene in the rat and guinea pig: a comparative study. Environmental Toxicology and Pharmacology, 2005, 19, 555-559.	2.0	4

#	Article	IF	Citations
19	Influence of age on noise- and styrene-induced hearing loss in the Longâ€“Evans rat. Environmental Toxicology and Pharmacology, 2005, 19, 561-570.	2.0	4
20	Measuring the middle-ear reflex: A quantitative method to assess effects of industrial solvents on central auditory pathways. NeuroToxicology, 2019, 74, 58-66.	1.4	3
21	Prediction of soman-induced cerebral damage by distortion product otoacoustic emissions. Toxicology, 2010, 277, 38-48.	2.0	2
22	Radiation Therapy Using Synchrotron Radiation: Preclinical Studies Toward Clinical Trials. Synchrotron Radiation News, 2011, 24, 8-12.	0.2	2
23	Effects of co-exposure to CS2 and noise on hearing and balance in rats: continuous versus intermittent CS2 exposures. Journal of Occupational Medicine and Toxicology, 2020, 15, 9.	0.9	2
24	Styrene alters potassium endolymphatic concentration in a model of cultured utricle explants. Toxicology in Vitro, 2020, 67, 104915.	1.1	2
25	A Case Study about Joining Databases for the Assessment of Exposures to Noise and Ototoxic Substances in Occupational Settings. International Journal of Environmental Research and Public Health, 2022, 19, 4455.	1.2	1