

# Benoît Pouyatos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/874678/publications.pdf>

Version: 2024-02-01

25  
papers

448  
citations

932766

10  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant neuronal connectivity in the cortex drives generation of seizures in rat absence epilepsy. <i>Brain</i> , 2022, 145, 1978-1991.	3.7	8
2	A Case Study about Joining Databases for the Assessment of Exposures to Noise and Ototoxic Substances in Occupational Settings. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4455.	1.2	1
3	Effects of co-exposure to CS <sub>2</sub> and noise on hearing and balance in rats: continuous versus intermittent CS <sub>2</sub> exposures. <i>Journal of Occupational Medicine and Toxicology</i> , 2020, 15, 9.	0.9	2
4	Styrene alters potassium endolymphatic concentration in a model of cultured utricle explants. <i>Toxicology in Vitro</i> , 2020, 67, 104915.	1.1	2
5	Measuring the middle-ear reflex: A quantitative method to assess effects of industrial solvents on central auditory pathways. <i>NeuroToxicology</i> , 2019, 74, 58-66.	1.4	3
6	Sensory coding is impaired in rat absence epilepsy. <i>Journal of Physiology</i> , 2019, 597, 951-966.	1.3	25
7	Synchrotron-generated microbeams induce hippocampal transections in rats. <i>Scientific Reports</i> , 2018, 8, 184.	1.6	7
8	Combined exposure to carbon disulfide and low-frequency noise reversibly affects vestibular function. <i>NeuroToxicology</i> , 2018, 67, 270-278.	1.4	8
9	Synchrotron X Ray Induced Axonal Transections in the Brain of Rats Assessed by High-Field Diffusion Tensor Imaging Tractography. <i>PLoS ONE</i> , 2014, 9, e88244.	1.1	9
10	Long-term modifications of epileptogenesis and hippocampal rhythms after prolonged hyperthermic seizures in the mouse. <i>Neurobiology of Disease</i> , 2014, 69, 156-168.	2.1	11
11	Synchrotron X-ray interlaced microbeams suppress paroxysmal oscillations in neuronal networks initiating generalized epilepsies. <i>Neurobiology of Disease</i> , 2013, 51, 152-160.	2.1	24
12	Radiation Therapy Using Synchrotron Radiation: Preclinical Studies Toward Clinical Trials. <i>Synchrotron Radiation News</i> , 2011, 24, 8-12.	0.2	2
13	Prediction of soman-induced cerebral damage by distortion product otoacoustic emissions. <i>Toxicology</i> , 2010, 277, 38-48.	2.0	2
14	High-Precision Radiosurgical Dose Delivery by Interlaced Microbeam Arrays of High-Flux Low-Energy Synchrotron X-Rays. <i>PLoS ONE</i> , 2010, 5, e9028.	1.1	79
15	JP-8 Jet Fuel Can Promote Auditory Impairment Resulting From Subsequent Noise Exposure in Rats. <i>Toxicological Sciences</i> , 2007, 98, 510-525.	1.4	44
16	Promotion of Noise-Induced Cochlear Injury by Toluene and Ethylbenzene in the Rat. <i>Toxicological Sciences</i> , 2007, 98, 542-551.	1.4	26
17	Oxidative stress pathways in the potentiation of noise-induced hearing loss by acrylonitrile. <i>Hearing Research</i> , 2007, 224, 61-74.	0.9	27
18	Distortion product otoacoustic emissions as non-invasive biomarkers and predictors of soman-induced central neurotoxicity: A preliminary study. <i>Toxicology</i> , 2007, 238, 119-129.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Acrylonitrile potentiates hearing loss and cochlear damage induced by moderate noise exposure in rats. <i>Toxicology and Applied Pharmacology</i> , 2005, 204, 46-56.	1.3	39
20	Ototoxicity. <i>Environmental Health Perspectives</i> , 2005, 113, A443-4.	2.8	5
21	Toxicokinetic parameters of toluene in the rat and guinea pig: a comparative study. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 555-559.	2.0	4
22	Influence of age on noise- and styrene-induced hearing loss in the Long-Evans rat. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 561-570.	2.0	4
23	Consequences of noise- or styrene-induced cochlear damages on glutamate decarboxylase levels in the rat inferior colliculus. <i>Hearing Research</i> , 2004, 189, 83-91.	0.9	11
24	Solvent ototoxicity in the rat and guinea pig. <i>Neurotoxicology and Teratology</i> , 2003, 25, 39-50.	1.2	62
25	Use of DPOAEs for assessing hearing loss caused by styrene in the rat. <i>Hearing Research</i> , 2002, 165, 156-164.	0.9	38