

Frédéric Cosnier

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Inhaled multi-walled carbon nanotubes differently modulate global gene and protein expression in rat lungs. <i>Nanotoxicology</i> , 2021, 15, 238-256.	1.6	14
2	Exposure to TiO ₂ Nanostructured Aerosol Induces Specific Gene Expression Profile Modifications in the Lungs of Young and Elderly Rats. <i>Nanomaterials</i> , 2021, 11, 1466.	1.9	5
3	Retained particle surface area dose drives inflammation in rat lungs following acute, subacute, and subchronic inhalation of nanomaterials. <i>Particle and Fibre Toxicology</i> , 2021, 18, 29.	2.8	25
4	Quantitative measurement of carbon nanotubes in rat lung. <i>Nanotoxicology</i> , 2020, 14, 1227-1240.	1.6	10
5	Effects of co-exposure to CS ₂ and noise on hearing and balance in rats: continuous versus intermittent CS ₂ exposures. <i>Journal of Occupational Medicine and Toxicology</i> , 2020, 15, 9.	0.9	2
6	Human in vitro percutaneous absorption of bisphenol S and bisphenol A: A comparative study. <i>Chemosphere</i> , 2020, 252, 126525.	4.2	22
7	Intra-erythrocyte chromium as an indicator of exposure to hexavalent chromium: An in vivo evaluation in intravenous administered rat. <i>Toxicology Letters</i> , 2019, 314, 133-141.	0.4	10
8	Proteomic analysis of bronchoalveolar lavage fluid in rat exposed to TiO ₂ nanostructured aerosol by inhalation. <i>Journal of Proteomics</i> , 2019, 207, 103451.	1.2	8
9	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
10	Metabolism of inhaled methylethylketone in rats. <i>Drug and Chemical Toxicology</i> , 2018, 41, 42-50.	1.2	6
11	Toluene and methylethylketone: effect of combined exposure on their metabolism in rat. <i>Xenobiotica</i> , 2018, 48, 684-694.	0.5	2
12	Combined exposure to carbon disulfide and low-frequency noise reversibly affects vestibular function. <i>NeuroToxicology</i> , 2018, 67, 270-278.	1.4	8
13	Short- and long-term gene expression profiles induced by inhaled TiO ₂ nanostructured aerosol in rat lung. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 54-64.	1.3	16
14	Carbon disulfide potentiates the effects of impulse noise on the organ of Corti. <i>NeuroToxicology</i> , 2017, 59, 79-87.	1.4	8
15	Biopersistence and translocation to extrapulmonary organs of titanium dioxide nanoparticles after subacute inhalation exposure to aerosol in adult and elderly rats. <i>Toxicology Letters</i> , 2017, 265, 61-69.	0.4	50
16	Brain Inflammation, Blood Brain Barrier dysfunction and Neuronal Synaptophysin Decrease after Inhalation Exposure to Titanium Dioxide Nano-aerosol in Aging Rats. <i>Scientific Reports</i> , 2017, 7, 12196.	1.6	49
17	Continuous exposure to low-frequency noise and carbon disulfide: Combined effects on hearing. <i>NeuroToxicology</i> , 2017, 62, 151-161.	1.4	9
18	Membrane fluidity does not explain how solvents act on the middle-ear reflex. <i>NeuroToxicology</i> , 2016, 57, 13-21.	1.4	7

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19	Measurement of ketamine and xylazine in rat brain by liquid-liquid extraction and gas chromatography-mass spectrometry. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 77, 6-9.	0.3	11
20	Design and Characterization of an Inhalation System to Expose Rodents to Nanoaerosols. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2989-3000.	0.9	14
21	The tonotopicity of styrene-induced hearing loss depends on the associated noise spectrum. <i>Neurotoxicology and Teratology</i> , 2015, 48, 56-63.	1.2	15
22	Impact of coexposure on toluene biomarkers in rats. <i>Xenobiotica</i> , 2014, 44, 217-228.	0.5	4
23	Beryllium determination in urine at nanogram level for biomonitoring purpose. <i>Toxicology Letters</i> , 2014, 229, S221.	0.4	0
24	Neuropharmacological and cochleotoxic effects of styrene. Consequences on noise exposures. <i>Neurotoxicology and Teratology</i> , 2014, 44, 113-120.	1.2	15
25	Biomarkers of toluene exposure in rats: mercapturic acids versus traditional indicators (urinary) Tj ETQq1 1 0.784314 rgBT / Overlock 10 0.5 14	0.5	14
26	Study of the potential oxidative stress induced by six solvents in the rat brain. <i>NeuroToxicology</i> , 2013, 35, 71-83.	1.4	10
27	Inhaled toluene can modulate the effects of anesthetics on the middle-ear acoustic reflex. <i>Neurotoxicology and Teratology</i> , 2013, 35, 1-6.	1.2	8
28	Neurobehavioral Toxicity of a Repeated Exposure (14 Days) to the Airborne Polycyclic Aromatic Hydrocarbon Fluorene in Adult Wistar Male Rats. <i>PLoS ONE</i> , 2013, 8, e71413.	1.1	24
29	Genotoxicity of styrene-7,8-oxide and styrene in Fisher 344 rats: A 4-week inhalation study. <i>Toxicology Letters</i> , 2012, 211, 211-219.	0.4	8
30	Mercapturic acids derived from toluene in rat urine samples: identification and measurement by gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1907-1917.	1.9	9
31	Simultaneous Determination of Aromatic Acid Metabolites of Styrene and Styrene-Oxide in Rat Urine by Gas Chromatography-Flame Ionization Detection. <i>Journal of Analytical Toxicology</i> , 2012, 36, 312-318.	1.7	7
32	Impact of noise or styrene exposure on the kinetics of presbycusis. <i>Hearing Research</i> , 2011, 280, 122-132.	0.9	18
33	Glutathione pathway in ethylbenzene metabolism: Novel biomarkers of exposure in the rat. <i>Chemosphere</i> , 2010, 81, 1334-1341.	4.2	9
34	Toluene-Induced Hearing Loss in the Guinea Pig. <i>Toxicological Sciences</i> , 2009, 111, 362-371.	1.4	4
35	Toluene-induced hearing loss in phenobarbital treated rats. <i>Neurotoxicology and Teratology</i> , 2008, 30, 46-54.	1.2	6
36	Toluene-induced hearing loss in acivicin-treated rats. <i>Neurotoxicology and Teratology</i> , 2008, 30, 154-160.	1.2	5

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37	Methyl Mercapturate Synthesis: An Efficient, Convenient and Simple Method. <i>Molecules</i> , 2008, 13, 2394-2407.	1.7	11
38	Influence of Water on the Dynamic Adsorption of Chlorinated VOCs on Active Carbon: Relative Humidity of the Gas Phase versus Pre-Adsorbed Water. <i>Adsorption Science and Technology</i> , 2006, 24, 215-228.	1.5	35
39	Hydrophobisation of active carbon surface and effect on the adsorption of water. <i>Carbon</i> , 2005, 43, 2554-2563.	5.4	41