

Henri Schroeder

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gestational Vitamin B Deficiency Leads to Homocysteine-Associated Brain Apoptosis and Alters Neurobehavioral Development in Rats. <i>American Journal of Pathology</i> , 2007, 170, 667-679.	3.8	135
2	A 5-Month Period of Epilepsy Impairs Spatial Memory, Decreases Anxiety, but Spares Object Recognition in the Lithium-pilocarpine Model in Adult Rats. <i>Epilepsia</i> , 2005, 46, 499-508.	5.1	119
3	Regulatory identification of BPA as an endocrine disruptor: Context and methodology. <i>Molecular and Cellular Endocrinology</i> , 2018, 475, 4-9.	3.2	83
4	Hair analysis for the biomonitoring of pesticide exposure: comparison with blood and urine in a rat model. <i>Archives of Toxicology</i> , 2017, 91, 2813-2825.	4.2	81
5	Modulation of behavior and NMDA-R1 gene mRNA expression in adult female mice after sub-acute administration of benzo(a)pyrene. <i>NeuroToxicology</i> , 2007, 28, 630-636.	3.0	74
6	Epigenetic and Neurological Impairments Associated with Early Life Exposure to Persistent Organic Pollutants. <i>International Journal of Genomics</i> , 2019, 2019, 1-19.	1.6	74
7	Effects of lactational exposure to benzo[\pm]pyrene (B[\pm]P) on postnatal neurodevelopment, neuronal receptor gene expression and behaviour in mice. <i>Toxicology</i> , 2009, 259, 97-106.	4.2	70
8	Hypoxia/reoxygenation induces apoptosis through biphasic induction of protein synthesis in cultured rat brain neurons. <i>Brain Research</i> , 1998, 787, 107-116.	2.2	67
9	Free radical production and changes in superoxide dismutases associated with hypoxia/reoxygenation-induced apoptosis of embryonic rat forebrain neurons in culture. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1291-1301.	2.9	57
10	Variations in illumination, closed wall transparency and/or extramaze space influence both baseline anxiety and response to diazepam in the rat elevated plus-maze. <i>Behavioural Brain Research</i> , 2009, 203, 35-42.	2.2	47
11	Ethological comparison of the effects of a bovine \pm s1-casein tryptic hydrolysate and diazepam on the behaviour of rats in two models of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 517-523.	2.9	43
12	Sub-acute administration of benzo[a]pyrene (B[a]P) reduces anxiety-related behaviour in adult mice and modulates regional expression of N-methyl-d-aspartate (NMDA) receptors genes in relevant brain regions. <i>Chemosphere</i> , 2008, 73, S295-S302.	8.2	41
13	Determination of PAHs and OH-PAHs in Rat Brain by Gas Chromatography Tandem (Triple Quadrupole) Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2011, 24, 1653-1667.	3.3	39
14	Histopathological alterations and functional brain deficits after transient hypoxia in the newborn rat pup: a long term follow-up. <i>Neurobiology of Disease</i> , 2003, 14, 265-278.	4.4	38
15	Impairment of learning and memory performances induced by BPA: Evidences from the literature of a MoA mediated through an ED. <i>Molecular and Cellular Endocrinology</i> , 2018, 475, 54-73.	3.2	35
16	Developmental Brain and Behavior Toxicity of Air Pollutants: A Focus on the Effects of Polycyclic Aromatic Hydrocarbons (PAHs). <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 2026-2047.	12.8	32
17	Late effects of a perinatal exposure to a 16 PAH mixture: Increase of anxiety-related behaviours and decrease of regional brain metabolism in adult male rats. <i>Toxicology Letters</i> , 2012, 211, 105-113.	0.8	31
18	Short hypoxia could attenuate the adverse effects of hyperhomocysteinemia on the developing rat brain by inducing neurogenesis. <i>Experimental Neurology</i> , 2009, 216, 231-238.	4.1	28

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19	EROD activity induction in peripheral blood lymphocytes, liver and brain tissues of rats orally exposed to polycyclic aromatic hydrocarbons. <i>Food and Chemical Toxicology</i> , 2013, 56, 371-380.	3.6	25
20	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.	2.5	24
21	Long-term consequences of neonatal exposure to diazepam on cerebral glucose utilization, learning, memory and anxiety. <i>Brain Research</i> , 1997, 766, 142-152.	2.2	23
22	Anxiolytic-like effects and safety profile of a tryptic hydrolysate from bovine alpha s1-casein in rats. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 323-330.	1.9	22
23	Short-term effects of a perinatal exposure to the HBCDD \pm -isomer in rats: Assessment of early motor and sensory development, spontaneous locomotor activity and anxiety in pups. <i>Neurotoxicology and Teratology</i> , 2015, 52, 170-180.	2.4	20
24	Repeated gestational exposure to diesel engine exhaust affects the fetal olfactory system and alters olfactory-based behavior in rabbit offspring. <i>Particle and Fibre Toxicology</i> , 2019, 16, 5.	6.2	20
25	Neurobehavioral and physiological effects of low doses of polybrominated diphenyl ether (PBDE)-99 in male adult rats. <i>Toxicology Letters</i> , 2011, 204, 57-63.	0.8	17
26	Modulation of benzo[a]pyrene induced neurotoxicity in female mice actively immunized with a B[a]P-diphtheria toxoid conjugate. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 175-183.	2.8	17
27	Behavioral toxicity and physiological changes from repeated exposure to fluorene administered orally or intraperitoneally to adult male Wistar rats: A dose-response study. <i>NeuroToxicology</i> , 2016, 53, 321-333.	3.0	17
28	Exclusive prenatal exposure to a 16 PAH mixture does not impact anxiety-related behaviours and regional brain metabolism in adult male rats: A role for the period of exposure in the modulation of PAH neurotoxicity. <i>Toxicology Letters</i> , 2013, 221, 40-46.	0.8	16
29	N6-Methyladenine in Eukaryotic DNA: Tissue Distribution, Early Embryo Development, and Neuronal Toxicity. <i>Frontiers in Genetics</i> , 2021, 12, 657171.	2.3	15
30	Tetrahydroxylated-benzo[a]pyrene isomer analysis after hydrolysis of DNA-adducts isolated from rat and human white blood cells. <i>Journal of Chromatography A</i> , 2014, 1364, 183-191.	3.7	14
31	Influence of early chronic phenobarbital treatment on cerebral arteriovenous differences of glucose and ketone bodies in the developing rat. <i>International Journal of Developmental Neuroscience</i> , 1991, 9, 453-461.	1.6	13
32	Short-term effects of a perinatal exposure to a 16 polycyclic aromatic hydrocarbon mixture in rats: Assessment of early motor and sensorial development and cerebral cytochrome oxidase activity in pups. <i>NeuroToxicology</i> , 2014, 43, 90-101.	3.0	13
33	Short- and long-term effects of neonatal diazepam exposure on local cerebral glucose utilization in the rat. <i>Brain Research</i> , 1994, 660, 144-153.	2.2	11
34	Effects of early chronic diazepam treatment on incorporation of glucose and β -hydroxybutyrate into cerebral amino acids: Relation to undernutrition. <i>International Journal of Developmental Neuroscience</i> , 1994, 12, 471-484.	1.6	7
35	Testing the study appraisal methodology from the 2017 Bisphenol A (BPA) hazard assessment protocol. <i>EFSA Supporting Publications</i> , 2019, 16, 1732E.	0.7	6
36	Assessment of 9-OH- and 7,8-diol-benzo[a]pyrene in Blood as Potent Markers of Cognitive Impairment Related to benzo[a]pyrene Exposure: An Animal Model Study. <i>Toxics</i> , 2021, 9, 50.	3.7	6

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37	Brominated flame retardants, a cornelian dilemma. <i>Environmental Chemistry Letters</i> , 2023, 21, 9-14.	16.2	6
38	Long-term effects of early diazepam exposure on social differentiation in adult male rats subjected to the diving-for-food situation.. <i>Behavioral Neuroscience</i> , 1998, 112, 1209-1217.	1.2	5
39	Mining the brain metabolome to understand behavioural disruptions induced in mouse fed <i>Hypochoeris radicata</i> (L.), a neurotoxic plant for horse. <i>NeuroToxicology</i> , 2013, 38, 74-83.	3.0	5
40	Head-to-Head Study of Developmental Neurotoxicity and Resultant Phenotype in Rats: $\hat{\pm}$ -Hexabromocyclododecane versus Valproic Acid, a Recognized Model of Reference for Autism Spectrum Disorders. <i>Toxics</i> , 2022, 10, 180.	3.7	5
41	Gestational exposure to bisphenol A induces region-specific changes in brain metabolomic fingerprints in sheep. <i>Environment International</i> , 2022, 165, 107336.	10.0	5
42	Dopaminergic and serotonergic changes in rabbit fetal brain upon repeated gestational exposure to diesel engine exhaust. <i>Archives of Toxicology</i> , 2021, 95, 3085-3099.	4.2	0