Eva B Brittebo

List of Publications by Year
in descending order

100	2,929	136740	197535
papers	citations	32 h-index	49 g-index

106	106	106	2610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CAR/FoxP3-engineered T regulatory cells target the CNS and suppress EAE upon intranasal delivery. Journal of Neuroinflammation, 2012, 9, 112.	3.1	243
2	Low levels of the air pollutant 1-nitropyrene induce DNA damage, increased levels of reactive oxygen species and endoplasmic reticulum stress in human endothelial cells. Toxicology, 2009, 262, 57-64.	2.0	96
3	Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice. Toxicology and Applied Pharmacology, 1990, 103, 491-501.	1.3	95
4	Transfer of dopamine in the olfactory pathway following nasal administration in mice. Pharmaceutical Research, 2000, 17, 737-742.	1.7	87
5	Transfer of morphine along the olfactory pathway to the central nervous system after nasal administration to rodents. European Journal of Pharmaceutical Sciences, 2005, 24, 565-573.	1.9	85
6	Selective Brain Uptake and Behavioral Effects of the Cyanobacterial Toxin BMAA (Î²-N-Methylamino-L-alanine) following Neonatal Administration to Rodents. Toxicological Sciences, 2009, 109, 286-295.	1.4	83
7	Long-term Cognitive Impairments in Adult Rats Treated Neonatally with Î²-N-Methylamino-L-Alanine. Toxicological Sciences, 2009, 112, 185-195.	1.4	81
8	Early hippocampal cell death, and late learning and memory deficits in rats exposed to the environmental toxin BMAA (Î²-N-methylamino-l-alanine) during the neonatal period. Behavioural Brain Research, 2011, 219, 310-320.	1.2	76
9	Neonatal Exposure to the Cyanobacterial Toxin BMAA Induces Changes in Protein Expression and Neurodegeneration in Adult Hippocampus. Toxicological Sciences, 2012, 130, 391-404.	1.4	76
10	Differential effects of olfactory toxicants on olfactory regeneration. Archives of Toxicology, 2002, 76, 104-112.	1.9	73
11	Retention of the cyanobacterial neurotoxin Î²â€Nâ€methylaminoâ€<scp>l</scp>â€alanine in melanin and neuromelaninâ€containing cells â€“ a possible link between Parkinsonâ€dementia complex and pigmentary retinopathy. Pigment Cell and Melanoma Research, 2009, 22, 120-130.	1.5	72
12	Metabolismâ€Dependent Toxicity of Methimazole in the Olfactory Nasal Mucosa. Basic and Clinical Pharmacology and Toxicology, 1995, 76, 76-79.	0.0	58
13	CYP1A1 and CYP1B1 in Blood-Brain Interfaces: CYP1A1-Dependent Bioactivation of 7,12-Dimethylbenz(a)anthracene in Endothelial Cells. Drug Metabolism and Disposition, 2003, 31, 259-265.	1.7	58
14	Proangiogenic effects of environmentally relevant levels of bisphenol A in human primary endothelial cells. Archives of Toxicology, 2012, 86, 465-474.	1.9	53
15	Methimazole Toxicity in Rodents: Covalent Binding in the Olfactory Mucosa and Detection of Glial Fibrillary Acidic Protein in the Olfactory Bulb. Toxicology and Applied Pharmacology, 1999, 155, 190-200.	1.3	50
16	Long-term retention of neurotoxic ?-carbolines in brain neuromelanin. Journal of Neural Transmission, 2004, 111, 141-157.	1.4	49
17	Effects of Lactic Acid Bacteria on the Uptake and Distribution of the Food Mutagen Trp-P-2 in Mice. Scandinavian Journal of Gastroenterology, 2002, 37, 215-221.	0.6	46
18	Methimazole-Induced Damage in the Olfactory Mucosa: Effects on Ultrastructure and Glutathione Levels. Toxicologic Pathology, 2003, 31, 379-387.	0.9	46

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19	Sites of metabolism of N-nitrosodiethylamine in mice. Chemico-Biological Interactions, 1981, 34, 209-221.	1.7	44
20	Protein association of the neurotoxin and non-protein amino acid BMAA (Î²-N-methylamino-l-alanine) in the liver and brain following neonatal administration in rats. Toxicology Letters, 2014, 226, 1-5.	0.4	44
21	Intracellular fibril formation, calcification, and enrichment of chaperones, cytoskeletal, and intermediate filament proteins in the adult hippocampus CA1 following neonatal exposure to the nonprotein amino acid BMAA. Archives of Toxicology, 2015, 89, 423-436.	1.9	42
22	Formation of tissue-bound Nâ€²-nitrosonornicotine metabolites by the target tissues of Sprague-Dawley and Fisher rats. Carcinogenesis, 1981, 2, 959-963.	1.3	41
23	Neurotoxin-Induced Neuropeptide Perturbations in Striatum of Neonatal Rats. Journal of Proteome Research, 2013, 12, 1678-1690.	1.8	41
24	Intranasal delivery of central nervous systemâ€retargeted human mesenchymal stromal cells prolongs treatment efficacy of experimental autoimmune encephalomyelitis. Immunology, 2014, 142, 431-441.	2.0	41
25	Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice. Fundamental and Applied Toxicology, 1991, 17, 92-102.	1.9	39
26	Metabolic activation of the herbicide dichlobenil in the olfactory mucosa of mice and rats. Chemico-Biological Interactions, 1991, 79, 165-177.	1.7	39
27	Activation and toxicity of bromobenzene in nasal tissues in mice. Archives of Toxicology, 1990, 64, 54-60.	1.9	37
28	Maternal Transfer of the Cyanobacterial Neurotoxin Î²-N-Methylamino-L-Alanine (BMAA) via Milk to Suckling Offspring. PLoS ONE, 2013, 8, e78133.	1.1	37
29	Î²-N-Methylamino-l-alanine (BMAA) perturbs alanine, aspartate and glutamate metabolism pathways in human neuroblastoma cells as determined by metabolic profiling. Amino Acids, 2017, 49, 905-919.	1.2	35
30	Steroid metabolism by rat nasal mucosa: Studies on progesterone and testosterone. The Journal of Steroid Biochemistry, 1984, 20, 1147-1151.	1.3	34
31	Effects of PCB126 and 17Î²-oestradiol on endothelium-derived vasoactive factors in human endothelial cells. Toxicology, 2011, 285, 46-56.	2.0	34
32	Evaluation of benzo(a)pyrene-induced DNA damage in human endothelial cells using alkaline single cell gel electrophoresis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 471, 145-155.	0.9	33
33	Extrahepatic sites of metabolism ofN-nitrosopyrrolidine in mice and rats. Xenobiotica, 1981, 11, 619-625.	0.5	31
34	Metabolism-dependent activation and toxicity of chemicals in nasal glands. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 380, 61-75.	0.4	31
35	Cell-specific Expression of CYP2A5 in the Mouse Respiratory Tract: Effects of Olfactory Toxicants. Journal of Histochemistry and Cytochemistry, 2003, 51, 1545-1555.	1.3	31
36	Effects of glutathione-modulating agents on the covalent binding and toxicity of dichlobenil in the mouse olfactory mucosa. Toxicology and Applied Pharmacology, 1992, 114, 31-40.	1.3	30

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37	High Resolution Metabolite Imaging in the Hippocampus Following Neonatal Exposure to the Environmental Toxin BMAA Using ToF-SIMS. ACS Chemical Neuroscience, 2014, 5, 568-575.	1.7	30
38	Metabolism of 2,6-Dichlorobenzonitrile, 2,6-Dichlorothiobenzamide in Rodents and Goats. Xenobiotica, 1988, 18, 1063-1075.	0.5	28
39	Metabolism of a nasal carcinogen, phenacetin, in the mucosa of the upper respiratory tract. Chemico-Biological Interactions, 1984, 50, 233-245.	1.7	27
40	Nâ€Đemethylation of Aminopyrine by the Nasal Mucosa in Mice and Rats. Acta Pharmacologica Et Toxicologica, 1982, 51, 227-232.	0.0	27
41	Metabolism of Progesterone by the Nasal Mucosa in Mice and Rats. Acta Pharmacologica Et Toxicologica, 1982, 51, 441-445.	0.0	27
42	Environmental neurotoxin interaction with proteins: Dose-dependent increase of free and protein-associated BMAA (Î²-N-methylamino-L-alanine) in neonatal rat brain. Scientific Reports, 2015, 5, 15570.	1.6	26
43	Differential Response of Cultured Human Umbilical Vein and Artery Endothelial Cells to Ah Receptor Agonist Treatment: CYP-Dependent Activation of Food and Environmental Mutagens. Toxicology and Applied Pharmacology, 2000, 169, 94-101.	1.3	24
44	The cyanobacterial amino acid Î²-N-methylamino-l-alanine perturbs the intermediary metabolism in neonatal rats. Toxicology, 2013, 312, 6-11.	2.0	24
45	Localization of cytochrome P4501A1 and covalent binding of a mutagenic heterocyclic amine in blood vessel endothelia of rodents. Toxicology, 1998, 129, 145-156.	2.0	22
46	Tamoxifen Modulates Cell Migration and Expression of Angiogenesis-Related Genes in Human Endometrial Endothelial Cells. American Journal of Pathology, 2012, 180, 2527-2535.	1.9	22
47	Norharman-induced motoric impairment in mice: neurodegeneration and glial activation in substantia nigra. Journal of Neural Transmission, 2006, 113, 313-329.	1.4	21
48	Low-dose exposure to bisphenol A in combination with fructose increases expression of genes regulating angiogenesis and vascular tone in juvenile Fischer 344 rat cardiac tissue. Upsala Journal of Medical Sciences, 2017, 122, 20-27.	0.4	20
49	Metabolism of chlorobenzene in the mucosa of the murine respiratory tract. Lung, 1984, 162, 79-88.	1.4	19
50	Binding of the food mutagen PhIP in pigmented tissues of mice. Carcinogenesis, 1992, 13, 2263-2269.	1.3	19
51	Localization of Oestradiol in the Rat Nasal Mucosa. Acta Pharmacologica Et Toxicologica, 1985, 57, 285-290.	0.0	19
52	Tamoxifen-Induced Adduct Formation and Cell Stress in Human Endometrial Glands. Drug Metabolism and Disposition, 2010, 38, 200-207.	1.7	19
53	Metabolic activation of the food mutagen Trp-P-1 in endothelial cells of heart and kidney in cytochrome P450-induced mice. Carcinogenesis, 1994, 15, 667-672.	1.3	18
54	Effects of Dichlobenil on Ultrastructural Morphology and Cell Replication in the Mouse Olfactory Mucosa. Toxicologic Pathology, 1997, 25, 186-194.	0.9	18

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55	Induction of ethoxyresorufin O-deethylase (EROD) and endothelial activation of the heterocyclic amine Trp-P-1 in bird embryo hearts. Archives of Toxicology, 1998, 72, 402-410.	1.9	17
56	Binding of cocaine in the liver, olfactory mucosa, eye, and fur of pigmented mice. Toxicology and Applied Pharmacology, 1988, 96, 315-323.	1.3	16
57	Autoradiographic observations on the distribution and metabolism of N?-/14C/nitrosonornicotine in mice. Journal of Cancer Research and Clinical Oncology, 1980, 98, 233-242.	1.2	15
58	Metabolism of Xenobiotics in the Nasal Olfactory Mucosa: Implications for Local Toxicity. Basic and Clinical Pharmacology and Toxicology, 1993, 72, 50-52.	0.0	15
59	Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with p-nitrophenol. Chemico-Biological Interactions, 1995, 94, 183-196.	1.7	15
60	Localization and comparative toxicity of methylsulfonyl-2,5- and 2,6- dichlorobenzene in the olfactory mucosa of mice. Toxicological Sciences, 1999, 49, 116-123.	1.4	15
61	Foetal Distribution and Metabolism of Nâ€Nitrosodiethylamine in Mice. Acta Pharmacologica Et Toxicologica, 1981, 48, 355-363.	0.0	15
62	Metabolism of 2,6-dichlorobenzamide in rats and mice. Xenobiotica, 1988, 18, 817-829.	0.5	14
63	3-Aminobenzamide: Effects on Cytochrome P450-Dependent Metabolism of Chemicals and on the Toxicity of Dichlobenil in the Olfactory Mucosa. Toxicology and Applied Pharmacology, 1996, 136, 324-331.	1.3	14
64	Persistent Olfactory Mucosal Metaplasia and Increased Olfactory Bulb Glial Fibrillary Acidic Protein Levels Following a Single Dose of Methylsulfonyl-dichlorobenzene in Mice: Comparison of the 2,5- and 2,6-Dichlorinated Isomers. Toxicology and Applied Pharmacology, 2000, 162, 49-59.	1.3	14
65	Tissue-specificity of N-nitrosodibutylamine metabolism in Sprague-Dawley rats. Chemico-Biological Interactions, 1982, 38, 231-242.	1.7	13
66	Metabolism-dependent binding of the heterocyclic amine Trp-P-1 in endothelial cells of choroid plexus and in large cerebral veins of cytochrome P450-induced mice. Brain Research, 1994, 659, 91-98.	1.1	13
67	Drug Targeting to the Brain: Transfer of Picolinic Acid Along the Olfactory Pathways. Journal of Drug Targeting, 2002, 10, 469-478.	2.1	13
68	Isomer-Specific Bioactivation and Toxicity of Dichlorophenyl Methylsulphone in Rat Olfactory Mucosa. Toxicologic Pathology, 2003, 31, 364-372.	0.9	13
69	In Vitro Tests for Detecting Chemicals Affecting the Embryo Implantation Process. ATLA Alternatives To Laboratory Animals, 2007, 35, 421-439.	0.7	13
70	Dose-dependent milk transfer and tissue distribution of the food mutagen PhIP in rats and their suckling pups. Carcinogenesis, 1994, 15, 2479-2484.	1.3	12
71	Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats. Toxicology, 2021, 461, 152922.	2.0	12
72	1,2â€dibromoethane and chloroform in the rainbow trout (Salmo Gairdneri): Studies on the distribution of nonvolatile and irreversibly bound metabolites. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1989, 26, 209-221.	1.1	11

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73	Dichlobenil in the fetal and neonatal mouse olfactory mucosa. Toxicology, 1995, 96, 93-104.	2.0	11
74	Binding of the potent allergen hexahydrophthalic anhydride in the mucosa of the upper respiratory and alimentary tract following single inhalation exposures in guinea pigs and rats. Toxicology, 1999, 134, 153-168.	2.0	11
75	Dopamine melanin-loaded PC12 cells: a model for studies on pigmented neurons. Pigment Cell & Melanoma Research, 2005, 18, 306-314.	4.0	11
76	CYP2A5-MEDIATED ACTIVATION AND EARLY ULTRASTRUCTURAL CHANGES IN THE OLFACTORY MUCOSA: STUDIES ON 2,6-DICHLOROPHENYL METHYLSULFONE. Drug Metabolism and Disposition, 2006, 34, 61-68.	1.7	11
77	Probing the lipid chemistry of neurotoxinâ€induced hippocampal lesions using multimodal imaging mass spectrometry. Surface and Interface Analysis, 2014, 46, 375-378.	0.8	11
78	Differential effects of dopamine melanin on norharman-induced toxicity in PC12 cells. Journal of Neural Transmission, 2007, 114, 909-918.	1.4	10
79	The cyanobacterial neurotoxin Î²-N-methylamino-l-alanine (BMAA) targets the olfactory bulb region. Archives of Toxicology, 2020, 94, 2799-2808.	1.9	10
80	Autoradiography of 2,3,7,8-tetrachloro [14C]-dibenzo-p-dioxin (TCDD): Accumulation in the nasal mucosa. Chemosphere, 1983, 12, 545-548.	4.2	9
81	Fetal epithelial binding of 1, 2-dibromoethane in mice. Carcinogenesis, 1986, 7, 1709-1714.	1.3	9
82	Methimazole-Induced Damage in the Olfactory Mucosa: Effects on Ultrastructure and Glutathione Levels. Toxicologic Pathology, 2003, 31, 379-387.	0.9	9
83	Epithelial binding of hexachlorocyclohexanes in the respiratory and upper alimentary tracts: A comparison between the Î±-, Î²- and Î³-isomers in mice. Food and Chemical Toxicology, 1987, 25, 773-780.	1.8	8
84	Epithelial binding of 1,2-dichloroethane in mice. Toxicology, 1989, 56, 35-45.	2.0	8
85	Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa. Food and Chemical Toxicology, 1992, 30, 871-877.	1.8	8
86	Nephrotoxicity and covalent binding of 1,1-dichloroethylene in buthionine sulphoximine-treated mice. Archives of Toxicology, 1993, 67, 605-612.	1.9	8
87	Binding of the Aliphatic Halides 1,2-Dihromoethane and Chloroform in the Rodent Vaginal Epithelium. Basic and Clinical Pharmacology and Toxicology, 1987, 60, 294-298.	0.0	7
88	Nasal mucosa from rat fetuses and neonates metabolizes the nasal carcinogen phenacetin. Toxicology Letters, 1984, 23, 279-285.	0.4	6
89	Effects of the herbicide chlorthiamid on the olfactory mucosa. Toxicology Letters, 1995, 76, 203-208.	0.4	6
90	Epithelial binding of 1,1,2,2-tetrachloroethane in the respiratory and upper alimentary tract. Archives of Toxicology, 1991, 65, 10-14.	1.9	4

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91	Toxicant-induced ER-stress and caspase activation in the olfactory mucosa. Archives of Toxicology, 2005, 79, 561-570.	1.9	4
92	Isomer-Specific Bioactivation and Toxicity of Dichlorophenyl Methylsulphone in Rat Olfactory Mucosa. Toxicologic Pathology, 2003, 31, 364-372.	0.9	4
93	Basal and induced EROD activity in the chorioallantoic membrane during chicken embryo development. Environmental Toxicology and Pharmacology, 1999, 8, 49-52.	2.0	3
94	Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitroâ€"in vivo correlations. Toxicology in Vitro, 1997, 11, 417-426.	1.1	2
95	CYP1A-dependent activation of xenobiotics in endothelial linings of the chorioallantoic membrane (CAM) in birds. Archives of Toxicology, 2000, 74, 335-342.	1.9	2
96	Metabolic Activation of Carbon Tetrachloride by the Cervicoâ€Vaginal Epithelium in Rodents. Basic and Clinical Pharmacology and Toxicology, 1989, 65, 336-342.	0.0	1
97	Metabolic activation of halogenated hydrocarbons in the conjunctival epithelium and excretory ducts of the intraorbital lacrimal gland in mice. Experimental Eye Research, 1991, 52, 245-252.	1.2	1
98	Tissue Distribution of the Food Mutagen MeIQx in Control and BNFâ€Treated Mice. Basic and Clinical Pharmacology and Toxicology, 1992, 71, 457-460.	0.0	1
99	Antoradiographic studies on the distribution of 14C-labelled glyceryl trinitrate in mice. European Journal of Pharmacology, 1990, 183, 1270.	1.7	0
100	Tissue specific toxicity and metabolic activation of 2,6-dichlorobenzonitrile and 2,6-dichlorothiobenzamide in the olfactory nasal mucosa. Chemosphere, 1991, 23, 1803-1809.	4.2	0