

# Eva B Brittebo

## List of Publications by Citations

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99  
papers

2,559  
citations

30  
h-index

44  
g-index

106  
ext. papers

2,786  
ext. citations

4.3  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
99	CAR/FoxP3-engineered T regulatory cells target the CNS and suppress EAE upon intranasal delivery. <i>Journal of Neuroinflammation</i> , <b>2012</b> , 9, 112	10.1	168
98	Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice. <i>Toxicology and Applied Pharmacology</i> , <b>1990</b> , 103, 491-501	4.6	87
97	Transfer of morphine along the olfactory pathway to the central nervous system after nasal administration to rodents. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 24, 565-73	5.1	74
96	Selective brain uptake and behavioral effects of the cyanobacterial toxin BMAA (beta-N-methylamino-L-alanine) following neonatal administration to rodents. <i>Toxicological Sciences</i> , <b>2009</b> , 109, 286-95	4.4	73
95	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. <i>Toxicology</i> , <b>2009</b> , 262, 57-64	4.4	72
94	Transfer of dopamine in the olfactory pathway following nasal administration in mice. <i>Pharmaceutical Research</i> , <b>2000</b> , 17, 737-42	4.5	72
93	Early hippocampal cell death, and late learning and memory deficits in rats exposed to the environmental toxin BMAA (N-methylamino-L-alanine) during the neonatal period. <i>Behavioural Brain Research</i> , <b>2011</b> , 219, 310-20	3.4	68
92	Neonatal exposure to the cyanobacterial toxin BMAA induces changes in protein expression and neurodegeneration in adult hippocampus. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 391-404	4.4	68
91	Retention of the cyanobacterial neurotoxin beta-N-methylamino-l-alanine in melanin and neuromelanin-containing cells--a possible link between Parkinson-dementia complex and pigmentary retinopathy. <i>Pigment Cell and Melanoma Research</i> , <b>2009</b> , 22, 120-30	4.5	68
90	Long-term cognitive impairments in adult rats treated neonatally with beta-N-Methylamino-L-Alanine. <i>Toxicological Sciences</i> , <b>2009</b> , 112, 185-95	4.4	63
89	Differential effects of olfactory toxicants on olfactory regeneration. <i>Archives of Toxicology</i> , <b>2002</b> , 76, 104-12	5.8	63
88	CYP1A1 and CYP1B1 in blood-brain interfaces: CYP1A1-dependent bioactivation of 7,12-dimethylbenz(a)anthracene in endothelial cells. <i>Drug Metabolism and Disposition</i> , <b>2003</b> , 31, 259-65	4	49
87	Metabolism-dependent toxicity of methimazole in the olfactory nasal mucosa. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1995</b> , 76, 76-9		48
86	Long-term retention of neurotoxic beta-carbolines in brain neuromelanin. <i>Journal of Neural Transmission</i> , <b>2004</b> , 111, 141-57	4.3	43
85	Methimazole toxicity in rodents: covalent binding in the olfactory mucosa and detection of glial fibrillary acidic protein in the olfactory bulb. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 155, 190-200	4.6	42
84	Protein association of the neurotoxin and non-protein amino acid BMAA (N-methylamino-L-alanine) in the liver and brain following neonatal administration in rats. <i>Toxicology Letters</i> , <b>2014</b> , 226, 1-5	4.4	40
83	Formation of tissue-bound N-nitrosornicotine metabolites by the target tissues of Sprague-Dawley and Fisher rats. <i>Carcinogenesis</i> , <b>1981</b> , 2, 959-63	4.6	40

82	Sites of metabolism of N-nitrosodiethylamine in mice. <i>Chemico-Biological Interactions</i> , <b>1981</b> , 34, 209-21	5	39
81	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. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 423-36	5.8	38
80	Proangiogenic effects of environmentally relevant levels of bisphenol A in human primary endothelial cells. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 465-74	5.8	38
79	Methimazole-induced damage in the olfactory mucosa: effects on ultrastructure and glutathione levels. <i>Toxicologic Pathology</i> , <b>2003</b> , 31, 379-87	2.1	37
78	Neurotoxin-induced neuropeptide perturbations in striatum of neonatal rats. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 1678-90	5.6	36
77	Effects of lactic acid bacteria on the uptake and distribution of the food mutagen Trp-P-2 in mice. <i>Scandinavian Journal of Gastroenterology</i> , <b>2002</b> , 37, 215-21	2.4	36
76	Activation and toxicity of bromobenzene in nasal tissue in mice. <i>Archives of Toxicology</i> , <b>1990</b> , 64, 54-60	5.8	36
75	Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice. <i>Fundamental and Applied Toxicology</i> , <b>1991</b> , 17, 92-102		33
74	Maternal transfer of the cyanobacterial neurotoxin N-methylamino-L-alanine (BMAA) via milk to suckling offspring. <i>PLoS ONE</i> , <b>2013</b> , 8, e78133	3.7	32
73	Evaluation of benzo(a)pyrene-induced DNA damage in human endothelial cells using alkaline single cell gel electrophoresis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2000</b> , 471, 145-55	3	32
72	Intranasal delivery of central nervous system-retargeted human mesenchymal stromal cells prolongs treatment efficacy of experimental autoimmune encephalomyelitis. <i>Immunology</i> , <b>2014</b> , 142, 431-41	7.8	30
71	Metabolic activation of the herbicide dichlobenil in the olfactory mucosa of mice and rats. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 165-77	5	30
70	Steroid metabolism by rat nasal mucosa: studies on progesterone and testosterone. <i>The Journal of Steroid Biochemistry</i> , <b>1984</b> , 20, 1147-51		30
69	Effects of PCB126 and 17Ebestradiol on endothelium-derived vasoactive factors in human endothelial cells. <i>Toxicology</i> , <b>2011</b> , 285, 46-56	4.4	29
68	Metabolism-dependent activation and toxicity of chemicals in nasal glands. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1997</b> , 380, 61-75	3.3	29
67	Effects of glutathione-modulating agents on the covalent binding and toxicity of dichlobenil in the mouse olfactory mucosa. <i>Toxicology and Applied Pharmacology</i> , <b>1992</b> , 114, 31-40	4.6	29
66	Extrahepatic sites of metabolism of N-nitrosopyrrolidine in mice and rats. <i>Xenobiotica</i> , <b>1981</b> , 11, 619-25	2	29
65	Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2003</b> , 51, 1545-55	3.4	27

64	High resolution metabolite imaging in the hippocampus following neonatal exposure to the environmental toxin BMAA using ToF-SIMS. <i>ACS Chemical Neuroscience</i> , <b>2014</b> , 5, 568-75	5.7	26
63	Metabolism of 2,6-dichlorobenzonitrile, 2,6-dichlorothiobenzamide in rodents and goats. <i>Xenobiotica</i> , <b>1988</b> , 18, 1063-75	2	25
62	Metabolism of a nasal carcinogen, phenacetin, in the mucosa of the upper respiratory tract. <i>Chemico-Biological Interactions</i> , <b>1984</b> , 50, 233-45	5	25
61	Environmental neurotoxin interaction with proteins: Dose-dependent increase of free and protein-associated BMAA (N-methylamino-L-alanine) in neonatal rat brain. <i>Scientific Reports</i> , <b>2015</b> , 5, 15570	4.9	24
60	Metabolism of progesterone by the nasal mucosa in mice and rats. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1982</b> , 51, 441-5		24
59	N-Demethylation of aminopyrine by the nasal mucosa in mice and rats. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1982</b> , 51, 227-32		23
58	Differential response of cultured human umbilical vein and artery endothelial cells to Ah receptor agonist treatment: CYP-dependent activation of food and environmental mutagens. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 169, 94-101	4.6	23
57	N-Methylamino-L-alanine (BMAA) perturbs alanine, aspartate and glutamate metabolism pathways in human neuroblastoma cells as determined by metabolic profiling. <i>Amino Acids</i> , <b>2017</b> , 49, 905-919	3.5	22
56	The cyanobacterial amino acid N-methylamino-l-alanine perturbs the intermediary metabolism in neonatal rats. <i>Toxicology</i> , <b>2013</b> , 312, 6-11	4.4	20
55	Tamoxifen modulates cell migration and expression of angiogenesis-related genes in human endometrial endothelial cells. <i>American Journal of Pathology</i> , <b>2012</b> , 180, 2527-35	5.8	19
54	Localization of oestradiol in the rat nasal mucosa. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1985</b> , 57, 285-90		19
53	Metabolism of chlorobenzene in the mucosa of the murine respiratory tract. <i>Lung</i> , <b>1984</b> , 162, 79-88	2.9	19
52	Tamoxifen-induced adduct formation and cell stress in human endometrial glands. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 200-7	4	18
51	Norharman-induced motoric impairment in mice: neurodegeneration and glial activation in substantia nigra. <i>Journal of Neural Transmission</i> , <b>2006</b> , 113, 313-29	4.3	18
50	Binding of the food mutagen PhIP in pigmented tissues of mice. <i>Carcinogenesis</i> , <b>1992</b> , 13, 2263-9	4.6	18
49	Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa. <i>Toxicologic Pathology</i> , <b>1997</b> , 25, 186-94	2.1	17
48	Induction of ethoxyresorufin O-deethylase (EROD) and endothelial activation of the heterocyclic amine Trp-P-1 in bird embryo hearts. <i>Archives of Toxicology</i> , <b>1998</b> , 72, 402-10	5.8	17
47	Localization of cytochrome P4501A1 and covalent binding of a mutagenic heterocyclic amine in blood vessel endothelia of rodents. <i>Toxicology</i> , <b>1998</b> , 129, 145-56	4.4	17

46	Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with p-nitrophenol. <i>Chemico-Biological Interactions</i> , <b>1995</b> , 94, 183-96	5	15
45	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. <i>Uppsala Journal of Medical Sciences</i> , <b>2017</b> , 122, 20-27	2.8	14
44	Metabolic activation of the food mutagen Trp-P-1 in endothelial cells of heart and kidney in cytochrome P450-induced mice. <i>Carcinogenesis</i> , <b>1994</b> , 15, 667-72	4.6	14
43	Binding of cocaine in the liver, olfactory mucosa, eye, and fur of pigmented mice. <i>Toxicology and Applied Pharmacology</i> , <b>1988</b> , 96, 315-23	4.6	14
42	Autoradiographic observations on the distribution and metabolism of NV/14C/nitrosornicotine in mice. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>1980</b> , 98, 233-42	4.9	14
41	Foetal distribution and metabolism of N-nitrosodiethylamine in mice. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1981</b> , 48, 355-63		13
40	Isomer-specific bioactivation and toxicity of dichlorophenyl methylsulphone in rat olfactory mucosa. <i>Toxicologic Pathology</i> , <b>2003</b> , 31, 364-72	2.1	13
39	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. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 162, 49-59	4.6	13
38	Localization and comparative toxicity of methylsulfonyl-2,5- and 2,6-dichlorobenzene in the olfactory mucosa of mice. <i>Toxicological Sciences</i> , <b>1999</b> , 49, 116-23	4.4	13
37	3-Aminobenzamide: effects on cytochrome P450-dependent metabolism of chemicals and on the toxicity of dichlobenil in the olfactory mucosa. <i>Toxicology and Applied Pharmacology</i> , <b>1996</b> , 136, 324-31	4.6	13
36	Metabolism of xenobiotics in the nasal olfactory mucosa: implications for local toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1993</b> , 72 Suppl 3, 50-2		13
35	Dose-dependent milk transfer and tissue distribution of the food mutagen PhIP in rats and their suckling pups. <i>Carcinogenesis</i> , <b>1994</b> , 15, 2479-84	4.6	12
34	Metabolism of 2,6-dichlorobenzamide in rats and mice. <i>Xenobiotica</i> , <b>1988</b> , 18, 817-29	2	12
33	Tissue-specificity of N-nitrosodibutylamine metabolism in Sprague-Dawley rats. <i>Chemico-Biological Interactions</i> , <b>1982</b> , 38, 231-42	5	12
32	CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone. <i>Drug Metabolism and Disposition</i> , <b>2006</b> , 34, 61-8	4	11
31	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. <i>Brain Research</i> , <b>1994</b> , 659, 91-8	3.7	11
30	Probing the lipid chemistry of neurotoxin-induced hippocampal lesions using multimodal imaging mass spectrometry. <i>Surface and Interface Analysis</i> , <b>2014</b> , 46, 375-378	1.5	10
29	Dichlobenil in the fetal and neonatal mouse olfactory mucosa. <i>Toxicology</i> , <b>1995</b> , 96, 93-104	4.4	10

28	In vitro tests for detecting chemicals affecting the embryo implantation process. The report and recommendations of ECVAM workshop 62 -- a strategic workshop of the EU ReProTect project. <i>ATLA Alternatives To Laboratory Animals</i> , <b>2007</b> , 35, 421-39	2.1	9
27	Differential effects of dopamine melanin on norharman-induced toxicity in PC12 cells. <i>Journal of Neural Transmission</i> , <b>2007</b> , 114, 909-18	4.3	9
26	Dopamine melanin-loaded PC12 cells: a model for studies on pigmented neurons. <i>Pigment Cell &amp; Melanoma Research</i> , <b>2005</b> , 18, 306-14		9
25	Drug targeting to the brain: transfer of picolinic acid along the olfactory pathways. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 469-78	5.4	9
24	1,2-Dibromoethane and chloroform in the rainbow trout ( <i>Salmo gairdneri</i> ): studies on the distribution of nonvolatile and irreversibly bound metabolites. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>1989</b> , 26, 209-21	3.2	9
23	Fetal epithelial binding of 1,2-dibromoethane in mice. <i>Carcinogenesis</i> , <b>1986</b> , 7, 1709-14	4.6	9
22	Autoradiography of 2,3,7,8-tetrachloro [ <sup>14</sup> C]-dibenzo-p-dioxin (TCDD): Accumulation in the nasal mucosa. <i>Chemosphere</i> , <b>1983</b> , 12, 545-548	8.4	9
21	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. <i>Toxicology</i> , <b>1999</b> , 134, 153-68	4.4	8
20	Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa. <i>Food and Chemical Toxicology</i> , <b>1992</b> , 30, 871-7	4.7	8
19	Nephrotoxicity and covalent binding of 1,1-dichloroethylene in buthionine sulphoximine-treated mice. <i>Archives of Toxicology</i> , <b>1993</b> , 67, 605-12	5.8	8
18	Epithelial binding of 1,2-dichloroethane in mice. <i>Toxicology</i> , <b>1989</b> , 56, 35-45	4.4	8
17	Epithelial binding of hexachlorocyclohexanes in the respiratory and upper alimentary tracts: a comparison between the alpha-, beta- and gamma-isomers in mice. <i>Food and Chemical Toxicology</i> , <b>1987</b> , 25, 773-80	4.7	8
16	Effects of the herbicide chlorthiamid on the olfactory mucosa. <i>Toxicology Letters</i> , <b>1995</b> , 76, 203-8	4.4	6
15	Nasal mucosa from rat fetuses and neonates metabolizes the nasal carcinogen phenacetin. <i>Toxicology Letters</i> , <b>1984</b> , 23, 279-85	4.4	6
14	The cyanobacterial neurotoxin βN-methylamino-L-alanine (BMAA) targets the olfactory bulb region. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 2799-2808	5.8	6
13	Toxicant-induced ER-stress and caspase activation in the olfactory mucosa. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 561-70	5.8	4
12	Epithelial binding of 1,1,2,2-tetrachloroethane in the respiratory and upper alimentary tract. <i>Archives of Toxicology</i> , <b>1991</b> , 65, 10-4	5.8	4
11	Binding of the aliphatic halides 1,2-dibromoethane and chloroform in the rodent vaginal epithelium. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1987</b> , 60, 294-8		4

10	Isomer-Specific Bioactivation and Toxicity of Dichlorophenyl Methylsulphone in Rat Olfactory Mucosa. <i>Toxicologic Pathology</i> , <b>2003</b> , 31, 364-372	2.1	4
9	Basal and induced EROD activity in the chorioallantoic membrane during chicken embryo development. <i>Environmental Toxicology and Pharmacology</i> , <b>1999</b> , 8, 49-52	5.8	3
8	Methimazole-Induced Damage in the Olfactory Mucosa: Effects on Ultrastructure and Glutathione Levels. <i>Toxicologic Pathology</i> , <b>2003</b> , 31, 379-387	2.1	3
7	Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitro-in vivo correlations. <i>Toxicology in Vitro</i> , <b>1997</b> , 11, 417-26	3.6	2
6	CYP1A-dependent activation of xenobiotics in endothelial linings of the chorioallantoic membrane (CAM) in birds. <i>Archives of Toxicology</i> , <b>2000</b> , 74, 335-42	5.8	2
5	Tissue distribution of the food mutagen MeIQx in control and BNF-treated mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1992</b> , 71, 457-60		1
4	Metabolic activation of halogenated hydrocarbons in the conjunctival epithelium and excretory ducts of the intraorbital lacrimal gland in mice. <i>Experimental Eye Research</i> , <b>1991</b> , 52, 245-52	3.7	1
3	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. <i>Toxicology</i> , <b>2021</b> , 461, 152922	4.4	0
2	Metabolic activation of carbon tetrachloride by the cervico-vaginal epithelium in rodents. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1989</b> , 65, 336-42		
1	Tissue specific toxicity and metabolic activation of 2,6-dichlorobenzonitrile and 2,6-dichlorothiobenzamide in the olfactory nasal mucosa. <i>Chemosphere</i> , <b>1991</b> , 23, 1803-1809	8.4	