

Eva B Brittebo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , 2021 , 461, 152922	4.4	0
98	The cyanobacterial neurotoxin EN-methylamino-L-alanine (BMAA) targets the olfactory bulb region. <i>Archives of Toxicology</i> , 2020 , 94, 2799-2808	5.8	6
97	EN-Methylamino-L-alanine (BMAA) perturbs alanine, aspartate and glutamate metabolism pathways in human neuroblastoma cells as determined by metabolic profiling. <i>Amino Acids</i> , 2017 , 49, 905-919	3.5	22
96	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>Upsala Journal of Medical Sciences</i> , 2017 , 122, 20-27	2.8	14
95	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> , 2015 , 89, 423-36	5.8	38
94	Environmental neurotoxin interaction with proteins: Dose-dependent increase of free and protein-associated BMAA (EN-methylamino-L-alanine) in neonatal rat brain. <i>Scientific Reports</i> , 2015 , 5, 15570	4.9	24
93	High resolution metabolite imaging in the hippocampus following neonatal exposure to the environmental toxin BMAA using ToF-SIMS. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 568-75	5.7	26
92	Protein association of the neurotoxin and non-protein amino acid BMAA (EN-methylamino-L-alanine) in the liver and brain following neonatal administration in rats. <i>Toxicology Letters</i> , 2014 , 226, 1-5	4.4	40
91	Probing the lipid chemistry of neurotoxin-induced hippocampal lesions using multimodal imaging mass spectrometry. <i>Surface and Interface Analysis</i> , 2014 , 46, 375-378	1.5	10
90	Intranasal delivery of central nervous system-retargeted human mesenchymal stromal cells prolongs treatment efficacy of experimental autoimmune encephalomyelitis. <i>Immunology</i> , 2014 , 142, 431-41	7.8	30
89	The cyanobacterial amino acid EN-methylamino-L-alanine perturbs the intermediary metabolism in neonatal rats. <i>Toxicology</i> , 2013 , 312, 6-11	4.4	20
88	Neurotoxin-induced neuropeptide perturbations in striatum of neonatal rats. <i>Journal of Proteome Research</i> , 2013 , 12, 1678-90	5.6	36
87	Maternal transfer of the cyanobacterial neurotoxin EN-methylamino-L-alanine (BMAA) via milk to suckling offspring. <i>PLoS ONE</i> , 2013 , 8, e78133	3.7	32
86	Proangiogenic effects of environmentally relevant levels of bisphenol A in human primary endothelial cells. <i>Archives of Toxicology</i> , 2012 , 86, 465-74	5.8	38
85	Tamoxifen modulates cell migration and expression of angiogenesis-related genes in human endometrial endothelial cells. <i>American Journal of Pathology</i> , 2012 , 180, 2527-35	5.8	19
84	CAR/FoxP3-engineered T regulatory cells target the CNS and suppress EAE upon intranasal delivery. <i>Journal of Neuroinflammation</i> , 2012 , 9, 112	10.1	168
83	Neonatal exposure to the cyanobacterial toxin BMAA induces changes in protein expression and neurodegeneration in adult hippocampus. <i>Toxicological Sciences</i> , 2012 , 130, 391-404	4.4	68

82	Early hippocampal cell death, and late learning and memory deficits in rats exposed to the environmental toxin BMAA (β-N-methylamino-L-alanine) during the neonatal period. <i>Behavioural Brain Research</i> , 2011 , 219, 310-20	3.4	68
81	Effects of PCB126 and 17βestradiol on endothelium-derived vasoactive factors in human endothelial cells. <i>Toxicology</i> , 2011 , 285, 46-56	4.4	29
80	Tamoxifen-induced adduct formation and cell stress in human endometrial glands. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 200-7	4	18
79	Long-term cognitive impairments in adult rats treated neonatally with beta-N-Methylamino-L-Alanine. <i>Toxicological Sciences</i> , 2009 , 112, 185-95	4.4	63
78	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> , 2009 , 109, 286-95	4.4	73
77	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> , 2009 , 262, 57-64	4.4	72
76	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> , 2009 , 22, 120-30	4.5	68
75	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> , 2007 , 35, 421-39	2.1	9
74	Differential effects of dopamine melanin on norharman-induced toxicity in PC12 cells. <i>Journal of Neural Transmission</i> , 2007 , 114, 909-18	4.3	9
73	CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulfone. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 61-8	4	11
72	Norharman-induced motoric impairment in mice: neurodegeneration and glial activation in substantia nigra. <i>Journal of Neural Transmission</i> , 2006 , 113, 313-29	4.3	18
71	Dopamine melanin-loaded PC12 cells: a model for studies on pigmented neurons. <i>Pigment Cell & Melanoma Research</i> , 2005 , 18, 306-14		9
70	Transfer of morphine along the olfactory pathway to the central nervous system after nasal administration to rodents. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 24, 565-73	5.1	74
69	Toxicant-induced ER-stress and caspase activation in the olfactory mucosa. <i>Archives of Toxicology</i> , 2005 , 79, 561-70	5.8	4
68	Long-term retention of neurotoxic beta-carbolines in brain neuromelanin. <i>Journal of Neural Transmission</i> , 2004 , 111, 141-57	4.3	43
67	Methimazole-induced damage in the olfactory mucosa: effects on ultrastructure and glutathione levels. <i>Toxicologic Pathology</i> , 2003 , 31, 379-87	2.1	37
66	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> , 2003 , 31, 259-65	4	49
65	Isomer-specific bioactivation and toxicity of dichlorophenyl methylsulphone in rat olfactory mucosa. <i>Toxicologic Pathology</i> , 2003 , 31, 364-72	2.1	13

64	Cell-specific expression of CYP2A5 in the mouse respiratory tract: effects of olfactory toxicants. <i>Journal of Histochemistry and Cytochemistry</i> , 2003 , 51, 1545-55	3.4	27
63	Methimazole-Induced Damage in the Olfactory Mucosa: Effects on Ultrastructure and Glutathione Levels. <i>Toxicologic Pathology</i> , 2003 , 31, 379-387	2.1	3
62	Isomer-Specific Bioactivation and Toxicity of Dichlorophenyl Methylsulphone in Rat Olfactory Mucosa. <i>Toxicologic Pathology</i> , 2003 , 31, 364-372	2.1	4
61	Differential effects of olfactory toxicants on olfactory regeneration. <i>Archives of Toxicology</i> , 2002 , 76, 104-12	5.8	63
60	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> , 2002 , 37, 215-21	2.4	36
59	Drug targeting to the brain: transfer of picolinic acid along the olfactory pathways. <i>Journal of Drug Targeting</i> , 2002 , 10, 469-78	5.4	9
58	Transfer of dopamine in the olfactory pathway following nasal administration in mice. <i>Pharmaceutical Research</i> , 2000 , 17, 737-42	4.5	72
57	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> , 2000 , 162, 49-59	4.6	13
56	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> , 2000 , 169, 94-101	4.6	23
55	CYP1A-dependent activation of xenobiotics in endothelial linings of the chorioallantoic membrane (CAM) in birds. <i>Archives of Toxicology</i> , 2000 , 74, 335-42	5.8	2
54	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> , 2000 , 471, 145-55	3	32
53	Localization and comparative toxicity of methylsulfonyl-2,5- and 2,6-dichlorobenzene in the olfactory mucosa of mice. <i>Toxicological Sciences</i> , 1999 , 49, 116-23	4.4	13
52	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> , 1999 , 134, 153-68	4.4	8
51	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> , 1999 , 155, 190-200	4.6	42
50	Basal and induced EROD activity in the chorioallantoic membrane during chicken embryo development. <i>Environmental Toxicology and Pharmacology</i> , 1999 , 8, 49-52	5.8	3
49	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> , 1998 , 72, 402-10	5.8	17
48	Localization of cytochrome P4501A1 and covalent binding of a mutagenic heterocyclic amine in blood vessel endothelia of rodents. <i>Toxicology</i> , 1998 , 129, 145-56	4.4	17
47	Effects of dichlobenil on ultrastructural morphology and cell replication in the mouse olfactory mucosa. <i>Toxicologic Pathology</i> , 1997 , 25, 186-94	2.1	17

46	Cell- and tissue-specific metabolic activation of chemicals as determined by autoradiography: in vitro-in vivo correlations. <i>Toxicology in Vitro</i> , 1997 , 11, 417-26	3.6	2
45	Metabolism-dependent activation and toxicity of chemicals in nasal glands. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997 , 380, 61-75	3.3	29
44	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> , 1996 , 136, 324-31	4.6	13
43	Dichlobenil in the fetal and neonatal mouse olfactory mucosa. <i>Toxicology</i> , 1995 , 96, 93-104	4.4	10
42	Metabolic activation of the olfactory toxicant, dichlobenil, in rat olfactory microsomes: comparative studies with p-nitrophenol. <i>Chemico-Biological Interactions</i> , 1995 , 94, 183-96	5	15
41	Effects of the herbicide chlorthiamid on the olfactory mucosa. <i>Toxicology Letters</i> , 1995 , 76, 203-8	4.4	6
40	Metabolism-dependent toxicity of methimazole in the olfactory nasal mucosa. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995 , 76, 76-9		48
39	Dose-dependent milk transfer and tissue distribution of the food mutagen PhIP in rats and their suckling pups. <i>Carcinogenesis</i> , 1994 , 15, 2479-84	4.6	12
38	Metabolic activation of the food mutagen Trp-P-1 in endothelial cells of heart and kidney in cytochrome P450-induced mice. <i>Carcinogenesis</i> , 1994 , 15, 667-72	4.6	14
37	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> , 1994 , 659, 91-8	3.7	11
36	Metabolism of xenobiotics in the nasal olfactory mucosa: implications for local toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1993 , 72 Suppl 3, 50-2		13
35	Nephrotoxicity and covalent binding of 1,1-dichloroethylene in buthionine sulphoximine-treated mice. <i>Archives of Toxicology</i> , 1993 , 67, 605-12	5.8	8
34	Binding of the food mutagen PhIP in pigmented tissues of mice. <i>Carcinogenesis</i> , 1992 , 13, 2263-9	4.6	18
33	Tissue-binding and toxicity of compounds structurally related to the herbicide dichlobenil in the mouse olfactory mucosa. <i>Food and Chemical Toxicology</i> , 1992 , 30, 871-7	4.7	8
32	Effects of glutathione-modulating agents on the covalent binding and toxicity of dichlobenil in the mouse olfactory mucosa. <i>Toxicology and Applied Pharmacology</i> , 1992 , 114, 31-40	4.6	29
31	Tissue distribution of the food mutagen MeIQx in control and BNF-treated mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992 , 71, 457-60		1
30	Metabolic activation of the herbicide dichlobenil in the olfactory mucosa of mice and rats. <i>Chemico-Biological Interactions</i> , 1991 , 79, 165-77	5	30
29	Epithelial binding of 1,1,2,2-tetrachloroethane in the respiratory and upper alimentary tract. <i>Archives of Toxicology</i> , 1991 , 65, 10-4	5.8	4

28	Toxicity of 2,6-dichlorothiobenzamide (chlorthiamid) and 2,6-dichlorobenzamide in the olfactory nasal mucosa of mice. <i>Fundamental and Applied Toxicology</i> , 1991 , 17, 92-102		33
27	Metabolic activation of halogenated hydrocarbons in the conjunctival epithelium and excretory ducts of the intraorbital lacrimal gland in mice. <i>Experimental Eye Research</i> , 1991 , 52, 245-52	3.7	1
26	Tissue specific toxicity and metabolic activation of 2,6-dichlorobenzonitrile and 2,6-dichlorothiobenzamide in the olfactory nasal mucosa. <i>Chemosphere</i> , 1991 , 23, 1803-1809	8.4	
25	Irreversible binding and toxicity of the herbicide dichlobenil (2,6-dichlorobenzonitrile) in the olfactory mucosa of mice. <i>Toxicology and Applied Pharmacology</i> , 1990 , 103, 491-501	4.6	87
24	Activation and toxicity of bromobenzene in nasal tissue in mice. <i>Archives of Toxicology</i> , 1990 , 64, 54-60	5.8	36
23	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> , 1989 , 26, 209-21	3.2	9
22	Epithelial binding of 1,2-dichloroethane in mice. <i>Toxicology</i> , 1989 , 56, 35-45	4.4	8
21	Metabolic activation of carbon tetrachloride by the cervico-vaginal epithelium in rodents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989 , 65, 336-42		
20	Binding of cocaine in the liver, olfactory mucosa, eye, and fur of pigmented mice. <i>Toxicology and Applied Pharmacology</i> , 1988 , 96, 315-23	4.6	14
19	Metabolism of 2,6-dichlorobenzonitrile, 2,6-dichlorothiobenzamide in rodents and goats. <i>Xenobiotica</i> , 1988 , 18, 1063-75	2	25
18	Metabolism of 2,6-dichlorobenzamide in rats and mice. <i>Xenobiotica</i> , 1988 , 18, 817-29	2	12
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> , 1987 , 25, 773-80	4.7	8
16	Binding of the aliphatic halides 1,2-dibromoethane and chloroform in the rodent vaginal epithelium. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1987 , 60, 294-8		4
15	Fetal epithelial binding of 1,2-dibromoethane in mice. <i>Carcinogenesis</i> , 1986 , 7, 1709-14	4.6	9
14	Localization of oestradiol in the rat nasal mucosa. <i>Acta Pharmacologica Et Toxicologica</i> , 1985 , 57, 285-90		19
13	Metabolism of a nasal carcinogen, phenacetin, in the mucosa of the upper respiratory tract. <i>Chemico-Biological Interactions</i> , 1984 , 50, 233-45	5	25
12	Metabolism of chlorobenzene in the mucosa of the murine respiratory tract. <i>Lung</i> , 1984 , 162, 79-88	2.9	19
11	Nasal mucosa from rat fetuses and neonates metabolizes the nasal carcinogen phenacetin. <i>Toxicology Letters</i> , 1984 , 23, 279-85	4.4	6

10	Steroid metabolism by rat nasal mucosa: studies on progesterone and testosterone. <i>The Journal of Steroid Biochemistry</i> , 1984 , 20, 1147-51		30
9	Autoradiography of 2,3,7,8-tetrachloro [14C]-dibenzo-p-dioxin (TCDD): Accumulation in the nasal mucosa. <i>Chemosphere</i> , 1983 , 12, 545-548	8.4	9
8	N-Demethylation of aminopyrine by the nasal mucosa in mice and rats. <i>Acta Pharmacologica Et Toxicologica</i> , 1982 , 51, 227-32		23
7	Metabolism of progesterone by the nasal mucosa in mice and rats. <i>Acta Pharmacologica Et Toxicologica</i> , 1982 , 51, 441-5		24
6	Tissue-specificity of N-nitrosodibutylamine metabolism in Sprague-Dawley rats. <i>Chemico-Biological Interactions</i> , 1982 , 38, 231-42	5	12
5	Foetal distribution and metabolism of N-nitrosodiethylamine in mice. <i>Acta Pharmacologica Et Toxicologica</i> , 1981 , 48, 355-63		13
4	Extrahepatic sites of metabolism of N-nitrosopyrrolidine in mice and rats. <i>Xenobiotica</i> , 1981 , 11, 619-25	2	29
3	Sites of metabolism of N-nitrosodiethylamine in mice. <i>Chemico-Biological Interactions</i> , 1981 , 34, 209-21	5	39
2	Formation of tissue-bound N-nitrososornicotine metabolites by the target tissues of Sprague-Dawley and Fisher rats. <i>Carcinogenesis</i> , 1981 , 2, 959-63	4.6	40
1	Autoradiographic observations on the distribution and metabolism of N- ¹⁴ C/nitrososornicotine in mice. <i>Journal of Cancer Research and Clinical Oncology</i> , 1980 , 98, 233-42	4.9	14