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A mechanistic view of polybrominated diphenyl ether (PBDE) developmental neurotoxicity

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#	Paper	IF	Citations
198	Environmental contaminants and target organ toxicities - new insights into old problems. <i>Toxicology Letters</i> , 2014 , 230, 81-4	4.4	4
197	Cross-omics gene and protein expression profiling in juvenile female mice highlights disruption of calcium and zinc signalling in the brain following dietary exposure to CB-153, BDE-47, HBCD or TCDD. <i>Toxicology</i> , 2014 , 321, 1-12	4.4	35
196	Exposures, mechanisms, and impacts of endocrine-active flame retardants. 2014 , 19, 125-33		107
195	Polybrominated diphenyl ethers, 2,2',4,4',5,5'-hexachlorobiphenyl (PCB-153), and p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE) concentrations in sera collected in 2009 from Texas children. <i>Environmental Science & Technology</i> , 2014 , 48, 8196-202	10.3	16
194	Neurodevelopmental effects of decabromodiphenyl ether (BDE-209) in APOE transgenic mice. <i>Neurotoxicology and Teratology</i> , 2014 , 46, 10-7	3.9	17
193	Thyroid hormones and fear learning but not anxiety are affected in adult apoE transgenic mice exposed postnatally to decabromodiphenyl ether (BDE-209). 2014 , 133, 81-91		11
192	Aberrant 5QCpG Methylation of Cord Blood TNFIAssociated with Maternal Exposure to Polybrominated Diphenyl Ethers. 2015 , 10, e0138815		25
191	Prenatal and childhood polybrominated diphenyl ether (PBDE) exposure and attention and executive function at 9-12 years of age. <i>Neurotoxicology and Teratology</i> , 2015 , 52, 151-61	3.9	69
190	Metabolic pathways of decabromodiphenyl ether (BDE209) in rainbow trout (<i>Oncorhynchus mykiss</i>) via intraperitoneal injection. 2015 , 39, 536-44		10
189	Identification of polybrominated diphenyl ether metabolites based on calculated boiling points from COSMO-RS, experimental retention times, and mass spectral fragmentation patterns. 2015 , 87, 2299-305		13
188	Physiological effects of polybrominated diphenyl ether (PBDE-47) on pregnant gartersnakes and resulting offspring. 2015 , 219, 143-51		9
187	Prenatal exposure to polybrominated diphenyl ethers and polyfluoroalkyl chemicals and infant neurobehavior. 2015 , 166, 736-42		23
186	Advanced morphological - behavioral test platform reveals neurodevelopmental defects in embryonic zebrafish exposed to comprehensive suite of halogenated and organophosphate flame retardants. <i>Toxicological Sciences</i> , 2015 , 145, 177-95	4.4	180
185	Persisting effects of a PBDE metabolite, 6-OH-BDE-47, on larval and juvenile zebrafish swimming behavior. <i>Neurotoxicology and Teratology</i> , 2015 , 52, 119-26	3.9	36
184	The brominated flame retardant BDE-47 causes oxidative stress and apoptotic cell death in vitro and in vivo in mice. <i>NeuroToxicology</i> , 2015 , 48, 68-76	4.4	46
183	Acute and developmental behavioral effects of flame retardants and related chemicals in zebrafish. <i>Neurotoxicology and Teratology</i> , 2015 , 52, 194-209	3.9	120
182	Optimization of selective pressurized liquid extraction and ultrasonication-assisted QuEChERS methods for the determination of polybrominated diphenyl ethers in sediments. <i>Analytical Methods</i> , 2015 , 7, 9542-9548	3.2	10

181	Prenatal exposure to polybrominated diphenyl ethers and child attention problems at 3-7 years. <i>Neurotoxicology and Teratology</i> , 2015 , 52, 143-50	3.9	60
180	Neurotoxicity and risk assessment of brominated and alternative flame retardants. <i>Neurotoxicology and Teratology</i> , 2015 , 52, 248-69	3.9	51
179	Neurobehavioral deficits, diseases, and associated costs of exposure to endocrine-disrupting chemicals in the European Union. 2015 , 100, 1256-66		95
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176	Troloxerutin protects against 2,2',4,4'-tetrabromodiphenyl ether (BDE-47)-induced liver inflammation by attenuating oxidative stress-mediated NAD ⁺ -depletion. <i>Journal of Hazardous Materials</i> , 2015 , 283, 98-109	12.8	42
175	The History, Status, Gaps, and Future Directions of Neurotoxicology in China. 2016 , 124, 722-32		4
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173	Exposure to endocrine disrupting chemicals and neurodevelopmental alterations. 2016 , 4, 706-22		36
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171	From the Cover: BDE-47 and BDE-49 Inhibit Axonal Growth in Primary Rat Hippocampal Neuron-Glia Co-Cultures via Ryanodine Receptor-Dependent Mechanisms. <i>Toxicological Sciences</i> , 2017 , 156, 375-386	4.4	15
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163	Measurement of Temperature Dependence for Vapor Pressures of Seventeen OH-PBDEs and Eleven MeO-PBDEs by Gas Chromatographic Method. 2016 , 96, 657-63		2
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150	Neonatal exposure to BDE 209 impaired learning and memory, decreased expression of hippocampal core SNAREs and synaptophysin in adult rats. <i>NeuroToxicology</i> , 2017 , 59, 40-48	4.4	12
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