

Gabriel A Knudsen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mice Lacking Sodium Channel $\alpha 1$ Subunits Display Defects in Neuronal Excitability, Sodium Channel Expression, and Nodal Architecture. <i>Journal of Neuroscience</i> , 2004, 24, 4030-4042.	3.6	225
2	Diversity Outbred Mice Identify Population-Based Exposure Thresholds and Genetic Factors that Influence Benzene-Induced Genotoxicity. <i>Environmental Health Perspectives</i> , 2015, 123, 237-245.	6.0	111
3	Mimicking of Estradiol Binding by Flame Retardants and Their Metabolites: A Crystallographic Analysis. <i>Environmental Health Perspectives</i> , 2013, 121, 1194-1199.	6.0	82
4	Disposition and kinetics of tetrabromobisphenol A in female Wistar Han rats. <i>Toxicology Reports</i> , 2014, 1, 214-223.	3.3	54
5	Absorption, distribution, metabolism and excretion of intravenously and orally administered tetrabromobisphenol A [2,3-dibromopropyl ether] in male Fischer-344 rats. <i>Toxicology</i> , 2007, 237, 158-167.	4.2	37
6	TBBPA disposition and kinetics in pregnant and nursing Wistar Han IGS rats. <i>Chemosphere</i> , 2018, 192, 5-13.	8.2	31
7	Disruption of estrogen homeostasis as a mechanism for uterine toxicity in Wistar Han rats treated with tetrabromobisphenol A. <i>Toxicology and Applied Pharmacology</i> , 2016, 298, 31-39.	2.8	30
8	Tetrabromobisphenol A (TBBPA) Alters ABC Transport at the Blood-Brain Barrier. <i>Toxicological Sciences</i> , 2019, 169, 475-484.	3.1	26
9	Effect of GenX on P-Glycoprotein, Breast Cancer Resistance Protein, and Multidrug Resistance-associated Protein 2 at the Blood-Brain Barrier. <i>Environmental Health Perspectives</i> , 2020, 128, 37002.	6.0	23
10	Effects of Eleven Isothiocyanates on P450 2A6- and 2A13-Catalyzed Coumarin 7-Hydroxylation. <i>Chemical Research in Toxicology</i> , 2007, 20, 1252-1259.	3.3	22
11	Estimation of tetrabromobisphenol A (TBBPA) percutaneous uptake in humans using the parallelogram method. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 323-329.	2.8	22
12	Disposition of the emerging brominated flame retardant, bis(2-ethylhexyl) tetrabromophthalate, in female Sprague Dawley rats: effects of dose, route and repeated administration. <i>Xenobiotica</i> , 2017, 47, 245-254.	1.1	22
13	The Effects of Dose and Route on the Toxicokinetics and Disposition of 1-Butyl-3-methylimidazolium Chloride in Male F-344 Rats and Female B6C3F1 Mice. <i>Drug Metabolism and Disposition</i> , 2008, 36, 284-293.	3.3	20
14	Distribution of polybrominated diphenyl ethers and dust particle size fractions adherent to skin in indoor dust, Pretoria, South Africa. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4376-4386.	5.3	20
15	Sex-specific behavioral effects following developmental exposure to tetrabromobisphenol A (TBBPA) in Wistar rats. <i>NeuroToxicology</i> , 2019, 75, 136-147.	3.0	19
16	Estimation of human percutaneous bioavailability for two novel brominated flame retardants, 2-ethylhexyl 2,3,4,5-tetrabromobenzoate (EH-TBB) and bis(2-ethylhexyl) tetrabromophthalate (BEH-TEBP). <i>Toxicology and Applied Pharmacology</i> , 2016, 311, 117-127.	2.8	17
17	The Fate of β -Hexabromocyclododecane in Female C57BL/6 Mice. <i>Toxicological Sciences</i> , 2013, 134, 251-257.	3.1	16
18	2,4,6-Tribromophenol Exposure Decreases P-Glycoprotein Transport at the Blood-Brain Barrier. <i>Toxicological Sciences</i> , 2019, 171, 463-472.	3.1	15

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19	Gene expression changes in immune response pathways following oral administration of tetrabromobisphenol A (TBBPA) in female Wistar Han rats. <i>Toxicology Letters</i> , 2017, 272, 68-74.	0.8	14
20	The biological fate of decabromodiphenyl ethane following oral, dermal or intravenous administration. <i>Xenobiotica</i> , 2017, 47, 894-902.	1.1	12
21	2,4,6-Tribromophenol Disposition and Kinetics in Rodents: Effects of Dose, Route, Sex, and Species. <i>Toxicological Sciences</i> , 2019, 169, 167-179.	3.1	11
22	Effects of Dose and Route on the Disposition and Kinetics of 1-Butyl-1-methylpyrrolidinium Chloride in Male F-344 Rats. <i>Drug Metabolism and Disposition</i> , 2009, 37, 2171-2177.	3.3	10
23	Dermal disposition of Tetrabromobisphenol A Bis(2,3-dibromopropyl) ether (TBBPA-BDBPE) using rat and human skin. <i>Toxicology Letters</i> , 2019, 301, 108-113.	0.8	9
24	Disposition of the Emerging Brominated Flame Retardant, 2-Ethylhexyl 2,3,4,5-Tetrabromobenzoate, in Female SD Rats and Male B6C3F1 Mice: Effects of Dose, Route, and Repeated Administration. <i>Toxicological Sciences</i> , 2016, 154, 392-402.	3.1	8
25	Absorption, Distribution, Metabolism, and Excretion of 2,2-Bis(bromomethyl)-1,3-propanediol in Male Fischer-344 Rats. <i>Drug Metabolism and Disposition</i> , 2009, 37, 408-416.	3.3	6
26	Comparison of 2,2-bis(bromomethyl)-1,3-propanediol induced genotoxicity in UROtsa cells and primary rat hepatocytes: Relevance of metabolism and oxidative stress. <i>Toxicology Letters</i> , 2013, 222, 273-279.	0.8	3
27	2,4,6-Tribromophenol Disposition and Kinetics in Pregnant and Nursing Sprague Dawley Rats. <i>Toxicological Sciences</i> , 2020, 178, 36-43.	3.1	3
28	Local and Systemic Toxicity in Mice Following Subcutaneous Implantation of Latex Penrose Drains. <i>Cutaneous and Ocular Toxicology</i> , 2004, 23, 233-248.	0.3	2
29	Crystallographic Analysis and Mimicking of Estradiol Binding: Pedersen et al. <i>Respond. Environmental Health Perspectives</i> , 2014, 122, A91-2.	6.0	0