Jennifer J Schlezinger

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.

62 papers	2,309 citations	28 h-index	47 g-index
69 ext. papers	2,549 ext. citations	5.6 avg, IF	4.67 L-index

#	Paper	IF	Citations
62	Temporal and Quantitative Transcriptomic Differences Define Sexual Dimorphism in Murine Postnatal Bone Aging.. *JBMR Plus*, **2022**, 6, e10579	3.9	2
61	Predicting the effects of per- and polyfluoroalkyl substance mixtures on peroxisome proliferator-activated receptor alpha activity in vitro. *Toxicology*, **2021**, 465, 153024	4.4	1
60	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. *Journal of Hepatology*, **2021**,	13.4	12
59	Tributyltin protects against ovariectomy-induced trabecular bone loss in C57BL/6J mice with an attenuated effect in high fat fed mice. *Toxicology and Applied Pharmacology*, **2021**, 431, 115736	4.6	0
58	A Data-Driven Transcriptional Taxonomy of Adipogenic Chemicals to Identify White and Brite Adipogens. *Environmental Health Perspectives*, **2021**, 129, 77006	8.4	1
57	Reproducibility of adipogenic responses to metabolism disrupting chemicals in the 3T3-L1 pre-adipocyte model system: An interlaboratory study. *Toxicology*, **2021**, 461, 152900	4.4	6
56	Application of generalized concentration addition to predict mixture effects of glucocorticoid receptor ligands. *Toxicology in Vitro*, **2020**, 69, 104975	3.6	
55	Identifying adipogenic chemicals: Disparate effects in 3T3-L1, OP9 and primary mesenchymal multipotent cell models. *Toxicology in Vitro*, **2020**, 67, 104904	3.6	9
54	Triphenyl phosphate is a selective PPAR□modulator that does not induce brite adipogenesis in vitro and in vivo. *Archives of Toxicology*, **2020**, 94, 3087-3103	5.8	7
53	Predicting the Activation of the Androgen Receptor by Mixtures of Ligands Using Generalized Concentration Addition. *Toxicological Sciences*, **2020**, 177, 466-475	4.4	3
52	Assessment of total, ligand-induced peroxisome proliferator activated receptor □ligand activity in serum. *Environmental Health*, **2019**, 18, 45	6	2
51	Altered lipid homeostasis in a PCB-resistant Atlantic killifish (Fundulus heteroclitus) population from New Bedford Harbor, MA, U.S.A. *Aquatic Toxicology*, **2019**, 210, 30-43	5.1	3
50	Generalized concentration addition for ligands that bind to homodimers. *Mathematical Biosciences*, **2019**, 316, 108214	3.9	2
49	Tributyltin induces distinct effects on cortical and trabecular bone in female C57Bl/6J mice. *Journal of Cellular Physiology*, **2018**, 233, 7007-7021	7	11
48	Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models. *Archives of Toxicology*, **2018**, 92, 2859-2874	5.8	17
47	Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	30
46	Characterization of Adipogenic Chemicals in Three Different Cell Culture Systems: Implications for Reproducibility Based on Cell Source and Handling. *Scientific Reports*, **2017**, 7, 42104	4.9	41

45	From the Cover: Tributyltin Alters the Bone Marrow Microenvironment and Suppresses B Cell Development. *Toxicological Sciences*, **2017**, 158, 63-75	4.4	13
44	Generalized Concentration Addition Modeling Predicts Mixture Effects of Environmental PPAR Agonists. *Toxicological Sciences*, **2016**, 153, 18-27	4.4	17
43	Tungsten Promotes Sex-Specific Adipogenesis in the Bone by Altering Differentiation of Bone Marrow-Resident Mesenchymal Stromal Cells. *Toxicological Sciences*, **2016**, 150, 333-46	4.4	15
42	Prioritizing Environmental Chemicals for Obesity and Diabetes Outcomes Research: A Screening Approach Using ToxCast High-Throughput Data. *Environmental Health Perspectives*, **2016**, 124, 1141-54	8.4	34
41	Structurally-diverse, PPAR activating environmental toxicants induce adipogenesis and suppress osteogenesis in bone marrow mesenchymal stromal cells. *Toxicology*, **2015**, 331, 66-77	4.4	67
40	Tributyltin engages multiple nuclear receptor pathways and suppresses osteogenesis in bone marrow multipotent stromal cells. *Chemical Research in Toxicology*, **2015**, 28, 1156-66	4	33
39	Intrinsic Sex-Linked Variations in Osteogenic and Adipogenic Differentiation Potential of Bone Marrow Multipotent Stromal Cells. *Journal of Cellular Physiology*, **2015**, 230, 296-307	7	20
38	What Are We Putting in Our Food That Is Making Us Fat? Food Additives, Contaminants, and Other Putative Contributors to Obesity. *Current Obesity Reports*, **2014**, 3, 273-85	8.4	34
37	In silico identification of an aryl hydrocarbon receptor antagonist with biological activity in vitro and in vivo. *Molecular Pharmacology*, **2014**, 86, 593-608	4.3	33
36	Ligand binding and activation of PPAR by Firemaster 550: effects on adipogenesis and osteogenesis in vitro. *Environmental Health Perspectives*, **2014**, 122, 1225-32	8.4	138
35	Identification of cinnabarinic acid as a novel endogenous aryl hydrocarbon receptor ligand that drives IL-22 production. *PLoS ONE*, **2014**, 9, e87877	3.7	76
34	EZR1: a novel family of highly expressed retroelements induced by TCDD and regulated by a NF-B-like factor in embryos of zebrafish (Danio rerio). *Zebrafish*, **2012**, 9, 15-25	2	6
33	Rodent thyroid, liver, and fetal testis toxicity of the monoester metabolite of bis-(2-ethylhexyl) tetrabromophthalate (tbph), a novel brominated flame retardant present in indoor dust. *Environmental Health Perspectives*, **2012**, 120, 1711-9	8.4	52
32	Organotins are potent activators of PPAR and adipocyte differentiation in bone marrow multipotent mesenchymal stromal cells. *Toxicological Sciences*, **2011**, 122, 476-88	4.4	61
31	The role of CaMKII in calcium-activated death pathways in bone marrow B cells. *Toxicological Sciences*, **2010**, 118, 108-18	4.4	14
30	Proximal events in 7,12-dimethylbenz[a]anthracene-induced, stromal cell-dependent bone marrow B cell apoptosis: stromal cell-B cell communication and apoptosis signaling. *Journal of Immunology*, **2010**, 185, 3369-78	5.3	9
29	Direct assessment of cumulative aryl hydrocarbon receptor agonist activity in sera from experimentally exposed mice and environmentally exposed humans. *Environmental Health Perspectives*, **2010**, 118, 693-8	8.4	13
28	Generalized concentration addition predicts joint effects of aryl hydrocarbon receptor agonists with partial agonists and competitive antagonists. *Environmental Health Perspectives*, **2010**, 118, 666-72	8.4	47

27	An endogenous prostaglandin enhances environmental phthalate-induced apoptosis in bone marrow B cells: activation of distinct but overlapping pathways. *Journal of Immunology*, **2008**, 181, 1728-36	5.2	13
26	An L-tyrosine derivative and PPARgamma agonist, GW7845, activates a multifaceted caspase cascade in bone marrow B cells. *Toxicological Sciences*, **2007**, 98, 125-36	4.4	8
25	Activation of multiple mitogen-activated protein kinases in pro/pre-B cells by GW7845, a peroxisome proliferator-activated receptor gamma agonist, and their contribution to GW7845-induced apoptosis. *Toxicological Sciences*, **2006**, 92, 433-44	4.4	19
24	A role for the aryl hydrocarbon receptor in mammary gland tumorigenesis. *Biological Chemistry*, **2006**, 387, 1175-87	4.5	92
23	Uncoupling of cytochrome P450 1A and stimulation of reactive oxygen species production by co-planar polychlorinated biphenyl congeners. *Aquatic Toxicology*, **2006**, 77, 422-32	5.1	130
22	CYP1A1 in polycyclic aromatic hydrocarbon-induced B lymphocyte growth suppression. *Biochemical and Biophysical Research Communications*, **2006**, 342, 227-35	3.4	18
21	Intestinal antiinflammatory effects of thiazolidenedione peroxisome proliferator-activated receptor-gamma ligands on T helper type 1 chemokine regulation include nontranscriptional control mechanisms. *Inflammatory Bowel Diseases*, **2005**, 11, 244-52	4.5	43
20	Environmental chemical-induced bone marrow B cell apoptosis: death receptor-independent activation of a caspase-3 to caspase-8 pathway. *Molecular Pharmacology*, **2005**, 68, 1087-96	4.3	26
19	Environmental and endogenous peroxisome proliferator-activated receptor gamma agonists induce bone marrow B cell growth arrest and apoptosis: interactions between mono(2-ethylhexyl)phthalate, 9-cis-retinoic acid, and 15-deoxy-Delta12,14-prostaglandin J2. *Journal of Immunology*, **2004**, 173, 3165-77	5.3	37
18	Environmental chemical-induced pro/pre-B cell apoptosis: analysis of c-Myc, p27Kip1, and p21WAF1 reveals a death pathway distinct from clonal deletion. *Journal of Immunology*, **2003**, 170, 4897-904	5.3	14
17	Bax, caspase-2, and caspase-3 are required for ovarian follicle loss caused by 4-vinylcyclohexene diepoxide exposure of female mice in vivo. *Endocrinology*, **2003**, 144, 69-74	4.8	57
16	Aryl hydrocarbon receptor (AhR) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study. *Environmental Health*, **2003**, 2, 16	6	52
15	Bone marrow stromal-B cell interactions in polycyclic aromatic hydrocarbon-induced pro/pre-B cell apoptosis. *Toxicological Sciences*, **2003**, 76, 357-65	4.4	22
14	Peroxisome proliferator-activated receptor gamma-mediated NF-kappa B activation and apoptosis in pre-B cells. *Journal of Immunology*, **2002**, 169, 6831-41	5.3	46
13	Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals. *Nature Genetics*, **2001**, 28, 355-60	36.3	367
12	Cytochrome P450 1A expression in midwater fishes: potential effects of chemical contaminants in remote oceanic zones. *Environmental Science & Technology*, **2001**, 35, 54-62	10.3	48
11	Induction and suppression of cytochrome P450 1A by 3,3$4,4$5-pentachlorobiphenyl and its relationship to oxidative stress in the marine fish scup (Stenotomus chrysops). *Aquatic Toxicology*, **2001**, 52, 101-15	5.1	105
10	The role of NF-kappaB as a survival factor in environmental chemical-induced pre-B cell apoptosis. *Molecular Pharmacology*, **2001**, 59, 302-9	4.3	30

9	Identification of NF-kappaB in the marine fish Stenotomus chrysops and examination of its activation by aryl hydrocarbon receptor agonists. *Chemico-Biological Interactions*, **2000**, 126, 137-57	5	33
8	Induction of cytochrome P450 1A in the American Eel by model halogenated and non-halogenated aryl hydrocarbon receptor agonists. *Aquatic Toxicology*, **2000**, 50, 375-386	5.1	36
7	In vitro metabolism of polychlorinated biphenyl congeners by beluga whale (Delphinapterus leucas) and pilot whale (Globicephala melas) and relationship to cytochrome P450 expression. *Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology*, **2000**, 126, 267-84		14
6	3,3Ş4,4STetrachlorobiphenyl oxidation in fish, bird and reptile species: relationship to cytochrome P450 1A inactivation and reactive oxygen production. *Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology*, **2000**, 125, 273-86		35
5	Oxidative inactivation of cytochrome P-450 1A (CYP1A) stimulated by 3,3Ş4,4Stetrachlorobiphenyl: production of reactive oxygen by vertebrate CYP1As. *Molecular Pharmacology*, **1999**, 56, 588-97	4.3	200
4	Arachidonic acid metabolism in the marine fish Stenotomus chrysops (Scup) and the effects of cytochrome P450 1A inducers. *Archives of Biochemistry and Biophysics*, **1998**, 353, 265-75	4.1	31
3	Predicting the Effects of Per- and Polyfluoroalkyl Substance Mixtures on Peroxisome Proliferator-Activated Receptor Alpha Activity in Vitro		1
2	Perfluorooctanoic acid activates multiple nuclear receptor pathways and skews expression of genes regulating cholesterol homeostasis in liver of humanized PPARmice fed an American diet		2
1	Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models		1