

Jennifer J Schlezinger

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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	Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals. <i>Nature Genetics</i> , 2001 , 28, 355-60	36.3	367
61	Oxidative inactivation of cytochrome P-450 1A (CYP1A) stimulated by 3,3',4,4'-tetrachlorobiphenyl: production of reactive oxygen by vertebrate CYP1As. <i>Molecular Pharmacology</i> , 1999 , 56, 588-97	4.3	200
60	Ligand binding and activation of PPAR γ by Firemaster \square 550: effects on adipogenesis and osteogenesis in vitro. <i>Environmental Health Perspectives</i> , 2014 , 122, 1225-32	8.4	138
59	Uncoupling of cytochrome P450 1A and stimulation of reactive oxygen species production by co-planar polychlorinated biphenyl congeners. <i>Aquatic Toxicology</i> , 2006 , 77, 422-32	5.1	130
58	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 (<i>Stenotomus chrysops</i>). <i>Aquatic Toxicology</i> , 2001 , 52, 101-15	5.1	105
57	A role for the aryl hydrocarbon receptor in mammary gland tumorigenesis. <i>Biological Chemistry</i> , 2006 , 387, 1175-87	4.5	92
56	Identification of cinnabaric acid as a novel endogenous aryl hydrocarbon receptor ligand that drives IL-22 production. <i>PLoS ONE</i> , 2014 , 9, e87877	3.7	76
55	Structurally-diverse, PPAR γ -activating environmental toxicants induce adipogenesis and suppress osteogenesis in bone marrow mesenchymal stromal cells. <i>Toxicology</i> , 2015 , 331, 66-77	4.4	67
54	Organotins are potent activators of PPAR γ and adipocyte differentiation in bone marrow multipotent mesenchymal stromal cells. <i>Toxicological Sciences</i> , 2011 , 122, 476-88	4.4	61
53	Bax, caspase-2, and caspase-3 are required for ovarian follicle loss caused by 4-vinylcyclohexene diepoxide exposure of female mice in vivo. <i>Endocrinology</i> , 2003 , 144, 69-74	4.8	57
52	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. <i>Environmental Health Perspectives</i> , 2012 , 120, 1711-9	8.4	52
51	Aryl hydrocarbon receptor (AhR) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study. <i>Environmental Health</i> , 2003 , 2, 16	6	52
50	Cytochrome P450 1A expression in midwater fishes: potential effects of chemical contaminants in remote oceanic zones. <i>Environmental Science & Technology</i> , 2001 , 35, 54-62	10.3	48
49	Generalized concentration addition predicts joint effects of aryl hydrocarbon receptor agonists with partial agonists and competitive antagonists. <i>Environmental Health Perspectives</i> , 2010 , 118, 666-72	8.4	47
48	Peroxisome proliferator-activated receptor gamma-mediated NF-kappa B activation and apoptosis in pre-B cells. <i>Journal of Immunology</i> , 2002 , 169, 6831-41	5.3	46
47	Intestinal antiinflammatory effects of thiazolidenedione peroxisome proliferator-activated receptor-gamma ligands on T helper type 1 chemokine regulation include nontranscriptional control mechanisms. <i>Inflammatory Bowel Diseases</i> , 2005 , 11, 244-52	4.5	43
46	Characterization of Adipogenic Chemicals in Three Different Cell Culture Systems: Implications for Reproducibility Based on Cell Source and Handling. <i>Scientific Reports</i> , 2017 , 7, 42104	4.9	41

45	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. <i>Journal of Immunology</i> , 2004 , 173, 3165-77	5.3	37
44	Induction of cytochrome P450 1A in the American Eel by model halogenated and non-halogenated aryl hydrocarbon receptor agonists. <i>Aquatic Toxicology</i> , 2000 , 50, 375-386	5.1	36
43	3,3',4,4'-Tetrachlorobiphenyl oxidation in fish, bird and reptile species: relationship to cytochrome P450 1A inactivation and reactive oxygen production. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 2000 , 125, 273-86		35
42	What Are We Putting in Our Food That Is Making Us Fat? Food Additives, Contaminants, and Other Putative Contributors to Obesity. <i>Current Obesity Reports</i> , 2014 , 3, 273-85	8.4	34
41	Prioritizing Environmental Chemicals for Obesity and Diabetes Outcomes Research: A Screening Approach Using ToxCast High-Throughput Data. <i>Environmental Health Perspectives</i> , 2016 , 124, 1141-54	8.4	34
40	Tributyltin engages multiple nuclear receptor pathways and suppresses osteogenesis in bone marrow multipotent stromal cells. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1156-66	4	33
39	In silico identification of an aryl hydrocarbon receptor antagonist with biological activity in vitro and in vivo. <i>Molecular Pharmacology</i> , 2014 , 86, 593-608	4.3	33
38	Identification of NF-kappaB in the marine fish <i>Stenotomus chrysops</i> and examination of its activation by aryl hydrocarbon receptor agonists. <i>Chemico-Biological Interactions</i> , 2000 , 126, 137-57	5	33
37	Arachidonic acid metabolism in the marine fish <i>Stenotomus chrysops</i> (Scup) and the effects of cytochrome P450 1A inducers. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 353, 265-75	4.1	31
36	The role of NF-kappaB as a survival factor in environmental chemical-induced pre-B cell apoptosis. <i>Molecular Pharmacology</i> , 2001 , 59, 302-9	4.3	30
35	Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	30
34	Environmental chemical-induced bone marrow B cell apoptosis: death receptor-independent activation of a caspase-3 to caspase-8 pathway. <i>Molecular Pharmacology</i> , 2005 , 68, 1087-96	4.3	26
33	Bone marrow stromal-B cell interactions in polycyclic aromatic hydrocarbon-induced pro/pre-B cell apoptosis. <i>Toxicological Sciences</i> , 2003 , 76, 357-65	4.4	22
32	Intrinsic Sex-Linked Variations in Osteogenic and Adipogenic Differentiation Potential of Bone Marrow Multipotent Stromal Cells. <i>Journal of Cellular Physiology</i> , 2015 , 230, 296-307	7	20
31	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. <i>Toxicological Sciences</i> , 2006 , 92, 433-44	4.4	19
30	CYP1A1 in polycyclic aromatic hydrocarbon-induced B lymphocyte growth suppression. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 227-35	3.4	18
29	Generalized Concentration Addition Modeling Predicts Mixture Effects of Environmental PPAR Agonists. <i>Toxicological Sciences</i> , 2016 , 153, 18-27	4.4	17
28	Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models. <i>Archives of Toxicology</i> , 2018 , 92, 2859-2874	5.8	17

27	Tungsten Promotes Sex-Specific Adipogenesis in the Bone by Altering Differentiation of Bone Marrow-Resident Mesenchymal Stromal Cells. <i>Toxicological Sciences</i> , 2016 , 150, 333-46	4.4	15
26	The role of CaMKII in calcium-activated death pathways in bone marrow B cells. <i>Toxicological Sciences</i> , 2010 , 118, 108-18	4.4	14
25	Environmental chemical-induced pro/pre-B cell apoptosis: analysis of c-Myc, p27Kip1, and p21WAF1 reveals a death pathway distinct from clonal deletion. <i>Journal of Immunology</i> , 2003 , 170, 4897-904	5.3	14
24	In vitro metabolism of polychlorinated biphenyl congeners by beluga whale (<i>Delphinapterus leucas</i>) and pilot whale (<i>Globicephala melas</i>) and relationship to cytochrome P450 expression. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 2000 , 126, 267-84		14
23	From the Cover: Tributyltin Alters the Bone Marrow Microenvironment and Suppresses B Cell Development. <i>Toxicological Sciences</i> , 2017 , 158, 63-75	4.4	13
22	Direct assessment of cumulative aryl hydrocarbon receptor agonist activity in sera from experimentally exposed mice and environmentally exposed humans. <i>Environmental Health Perspectives</i> , 2010 , 118, 693-8	8.4	13
21	An endogenous prostaglandin enhances environmental phthalate-induced apoptosis in bone marrow B cells: activation of distinct but overlapping pathways. <i>Journal of Immunology</i> , 2008 , 181, 1728-36	5.3	13
20	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2021 ,	13.4	12
19	Tributyltin induces distinct effects on cortical and trabecular bone in female C57Bl/6J mice. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7007-7021	7	11
18	Identifying adipogenic chemicals: Disparate effects in 3T3-L1, OP9 and primary mesenchymal multipotent cell models. <i>Toxicology in Vitro</i> , 2020 , 67, 104904	3.6	9
17	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. <i>Journal of Immunology</i> , 2010 , 185, 3369-78	5.3	9
16	An L-tyrosine derivative and PPARgamma agonist, GW7845, activates a multifaceted caspase cascade in bone marrow B cells. <i>Toxicological Sciences</i> , 2007 , 98, 125-36	4.4	8
15	Triphenyl phosphate is a selective PPAR α modulator that does not induce brite adipogenesis in vitro and in vivo. <i>Archives of Toxicology</i> , 2020 , 94, 3087-3103	5.8	7
14	EZR1: a novel family of highly expressed retroelements induced by TCDD and regulated by a NF-B-like factor in embryos of zebrafish (<i>Danio rerio</i>). <i>Zebrafish</i> , 2012 , 9, 15-25	2	6
13	Reproducibility of adipogenic responses to metabolism disrupting chemicals in the 3T3-L1 pre-adipocyte model system: An interlaboratory study. <i>Toxicology</i> , 2021 , 461, 152900	4.4	6
12	Altered lipid homeostasis in a PCB-resistant Atlantic killifish (<i>Fundulus heteroclitus</i>) population from New Bedford Harbor, MA, U.S.A. <i>Aquatic Toxicology</i> , 2019 , 210, 30-43	5.1	3
11	Predicting the Activation of the Androgen Receptor by Mixtures of Ligands Using Generalized Concentration Addition. <i>Toxicological Sciences</i> , 2020 , 177, 466-475	4.4	3
10	Assessment of total, ligand-induced peroxisome proliferator activated receptor ligand activity in serum. <i>Environmental Health</i> , 2019 , 18, 45	6	2

9	Generalized concentration addition for ligands that bind to homodimers. <i>Mathematical Biosciences</i> , 2019 , 316, 108214	3.9	2
8	Temporal and Quantitative Transcriptomic Differences Define Sexual Dimorphism in Murine Postnatal Bone Aging.. <i>JBMR Plus</i> , 2022 , 6, e10579	3.9	2
7	Perfluorooctanoic acid activates multiple nuclear receptor pathways and skews expression of genes regulating cholesterol homeostasis in liver of humanized PPAR α mice fed an American diet		2
6	Predicting the effects of per- and polyfluoroalkyl substance mixtures on peroxisome proliferator-activated receptor alpha activity in vitro. <i>Toxicology</i> , 2021 , 465, 153024	4.4	1
5	Predicting the Effects of Per- and Polyfluoroalkyl Substance Mixtures on Peroxisome Proliferator-Activated Receptor Alpha Activity in Vitro		1
4	Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models		1
3	A Data-Driven Transcriptional Taxonomy of Adipogenic Chemicals to Identify White and Brite Adipogens. <i>Environmental Health Perspectives</i> , 2021 , 129, 77006	8.4	1
2	Tributyltin protects against ovariectomy-induced trabecular bone loss in C57BL/6J mice with an attenuated effect in high fat fed mice. <i>Toxicology and Applied Pharmacology</i> , 2021 , 431, 115736	4.6	0
1	Application of generalized concentration addition to predict mixture effects of glucocorticoid receptor ligands. <i>Toxicology in Vitro</i> , 2020 , 69, 104975	3.6	