

# Jennifer J Schlezinger

## List of Publications by Year in descending order

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59  
papers

2,872  
citations

172457

29  
h-index

175258

52  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aromatic hydrocarbon receptor-driven Bax gene expression is required for premature ovarian failure caused by biohazardous environmental chemicals. <i>Nature Genetics</i> , 2001, 28, 355-360.	21.4	420
2	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, 588-597.	2.3	216
3	Ligand Binding and Activation of PPAR $\gamma$ by Firemaster 550: Effects on Adipogenesis and Osteogenesis <i>in Vitro</i> . <i>Environmental Health Perspectives</i> , 2014, 122, 1225-1232.	6.0	167
4	Uncoupling of cytochrome P450 1A and stimulation of reactive oxygen species production by co-planar polychlorinated biphenyl congeners. <i>Aquatic Toxicology</i> , 2006, 77, 422-432.	4.0	146
5	Induction and suppression of cytochrome P450 1A by 3,3,4,5-pentachlorobiphenyl and its relationship to oxidative stress in the marine fish scup ( <i>Stenotomus chrysops</i> ). <i>Aquatic Toxicology</i> , 2001, 52, 101-115.	4.0	116
6	A role for the aryl hydrocarbon receptor in mammary gland tumorigenesis. <i>Biological Chemistry</i> , 2006, 387, 1175-87.	2.5	107
7	Identification of Cinnabarinic Acid as a Novel Endogenous Aryl Hydrocarbon Receptor Ligand That Drives IL-22 Production. <i>PLoS ONE</i> , 2014, 9, e87877.	2.5	106
8	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 283-293.	3.7	106
9	Structurally-diverse, PPAR $\gamma$ -activating environmental toxicants induce adipogenesis and suppress osteogenesis in bone marrow mesenchymal stromal cells. <i>Toxicology</i> , 2015, 331, 66-77.	4.2	79
10	Aryl hydrocarbon receptor (Ahr) agonists suppress interleukin-6 expression by bone marrow stromal cells: an immunotoxicology study. <i>Environmental Health</i> , 2003, 2, 16.	4.0	69
11	Bax, Caspase-2, and Caspase-3 Are Required for Ovarian Follicle Loss Caused by 4-Vinylcyclohexene Diepoxide Exposure of Female Mice <i>in Vivo</i> . <i>Endocrinology</i> , 2003, 144, 69-74.	2.8	69
12	Organotins Are Potent Activators of PPAR $\gamma$ and Adipocyte Differentiation in Bone Marrow Multipotent Mesenchymal Stromal Cells. <i>Toxicological Sciences</i> , 2011, 122, 476-488.	3.1	66
13	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, 1711-1719.	6.0	66
14	Generalized Concentration Addition Predicts Joint Effects of Aryl Hydrocarbon Receptor Agonists with Partial Agonists and Competitive Antagonists. <i>Environmental Health Perspectives</i> , 2010, 118, 666-672.	6.0	54
15	Cytochrome P450 1A Expression in Midwater Fishes: Potential Effects of Chemical Contaminants in Remote Oceanic Zones. <i>Environmental Science &amp; Technology</i> , 2001, 35, 54-62.	10.0	53
16	Peroxisome Proliferator-Activated Receptor $\gamma$ -Mediated NF- $\kappa$ B Activation and Apoptosis in Pre-B Cells. <i>Journal of Immunology</i> , 2002, 169, 6831-6841.	0.8	53
17	Prioritizing Environmental Chemicals for Obesity and Diabetes Outcomes Research: A Screening Approach Using ToxCast <sup>®</sup> High-Throughput Data. <i>Environmental Health Perspectives</i> , 2016, 124, 1141-1154.	6.0	50
18	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, 273-286.	0.5	49

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19	Intestinal Antiinflammatory Effects of Thiazolidenedione Peroxisome Proliferator-Activated Receptor- $\beta$ Ligands on T Helper Type 1 Chemokine Regulation Include Nontranscriptional Control Mechanisms. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 244-252.	1.9	49
20	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, 273-285.	8.4	47
21	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.	3.3	46
22	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.	2.3	45
23	Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1388.	4.1	45
24	Tributyltin Engages Multiple Nuclear Receptor Pathways and Suppresses Osteogenesis in Bone Marrow Multipotent Stromal Cells. <i>Chemical Research in Toxicology</i> , 2015, 28, 1156-1166.	3.3	43
25	Environmental and Endogenous Peroxisome Proliferator-Activated Receptor $\beta$ Agonists Induce Bone Marrow B Cell Growth Arrest and Apoptosis: Interactions between Mono(2-ethylhexyl)phthalate, 9- <i>cis</i> -Retinoic Acid, and 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J <sub>2</sub> . <i>Journal of Immunology</i> , 2004, 173, 3165-3177.	0.8	42
26	Identification of NF- $\kappa$ B 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, 137-157.	4.0	37
27	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.	4.0	37
28	The Role of NF- $\kappa$ B as a Survival Factor in Environmental Chemical-Induced Pre-B Cell Apoptosis. <i>Molecular Pharmacology</i> , 2001, 59, 302-309.	2.3	33
29	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, 265-275.	3.0	32
30	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, 1087-1096.	2.3	26
31	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, 267-284.	0.5	24
32	Bone Marrow Stromal-B Cell Interactions in Polycyclic Aromatic Hydrocarbon-Induced Pro/Pre-B Cell Apoptosis. <i>Toxicological Sciences</i> , 2003, 76, 357-365.	3.1	24
33	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.	4.1	24
34	Generalized Concentration Addition Modeling Predicts Mixture Effects of Environmental PPAR $\beta$ Agonists. <i>Toxicological Sciences</i> , 2016, 153, 18-27.	3.1	24
35	Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models. <i>Archives of Toxicology</i> , 2018, 92, 2859-2874.	4.2	23
36	CYP1A1 in polycyclic aromatic hydrocarbon-induced B lymphocyte growth suppression. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 227-235.	2.1	22

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37	Activation of Multiple Mitogen-Activated Protein Kinases in Pro/Pre-B Cells by GW7845, a Peroxisome Proliferator-Activated Receptor $\beta$ Agonist, and Their Contribution to GW7845-Induced Apoptosis. <i>Toxicological Sciences</i> , 2006, 92, 433-444.	3.1	19
38	From the Cover: Tributyltin Alters the Bone Marrow Microenvironment and Suppresses B Cell Development. <i>Toxicological Sciences</i> , 2017, 158, 63-75.	3.1	18
39	Tungsten Promotes Sex-Specific Adipogenesis in the Bone by Altering Differentiation of Bone Marrow-Resident Mesenchymal Stromal Cells. <i>Toxicological Sciences</i> , 2016, 150, 333-346.	3.1	17
40	Predicting the effects of per- and polyfluoroalkyl substance mixtures on peroxisome proliferator-activated receptor alpha activity in vitro. <i>Toxicology</i> , 2022, 465, 153024.	4.2	17
41	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, 4897-4904.	0.8	16
42	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, 1728-1736.	0.8	16
43	The Role of CaMKII in Calcium-Activated Death Pathways in Bone Marrow B Cells. <i>Toxicological Sciences</i> , 2010, 118, 108-118.	3.1	16
44	Triphenyl phosphate is a selective PPAR $\beta$ modulator that does not induce brite adipogenesis in vitro and in vivo. <i>Archives of Toxicology</i> , 2020, 94, 3087-3103.	4.2	16
45	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, 693-698.	6.0	14
46	Identifying adipogenic chemicals: Disparate effects in 3T3-L1, OP9 and primary mesenchymal multipotent cell models. <i>Toxicology in Vitro</i> , 2020, 67, 104904.	2.4	14
47	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.	4.2	14
48	Tributyltin induces distinct effects on cortical and trabecular bone in female C57Bl/6j mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 7007-7021.	4.1	13
49	Proximal Events in 7,12-Dimethylbenz[ <i>a</i> ]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, 3369-3378.	0.8	9
50	An L-Tyrosine Derivative and PPAR $\alpha$ Agonist, GW7845, Activates a Multifaceted Caspase Cascade in Bone Marrow B Cells. <i>Toxicological Sciences</i> , 2007, 98, 125-136.	3.1	8
51	EZR1: A Novel Family of Highly Expressed Retroelements Induced by TCDD and Regulated by a NF- $\kappa$ B-Like Factor in Embryos of Zebrafish ( <i>Danio rerio</i> ). <i>Zebrafish</i> , 2012, 9, 15-25.	1.1	7
52	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.	4.0	7
53	A Data-Driven Transcriptional Taxonomy of Adipogenic Chemicals to Identify White and Brite Adipogens. <i>Environmental Health Perspectives</i> , 2021, 129, 77006.	6.0	7
54	Predicting the Activation of the Androgen Receptor by Mixtures of Ligands Using Generalized Concentration Addition. <i>Toxicological Sciences</i> , 2020, 177, 466-475.	3.1	6

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55	Assessment of total, ligand-induced peroxisome proliferator activated receptor $\beta$ ligand activity in serum. <i>Environmental Health</i> , 2019, 18, 45.	4.0	5
56	Generalized concentration addition for ligands that bind to homodimers. <i>Mathematical Biosciences</i> , 2019, 316, 108214.	1.9	4
57	Temporal and Quantitative Transcriptomic Differences Define Sexual Dimorphism in Murine Postnatal Bone Aging. <i>JBMR Plus</i> , 2022, 6, e10579.	2.7	4
58	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.	2.8	2
59	Application of generalized concentration addition to predict mixture effects of glucocorticoid receptor ligands. <i>Toxicology in Vitro</i> , 2020, 69, 104975.	2.4	1