

# Karilyn E Sant

## List of Publications by Year in descending order

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33  
papers

1,382  
citations

471371

17  
h-index

454834

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection, Quantification, and Simplified Wastewater Surveillance Model of SARS-CoV-2 RNA in the Tijuana River. <i>ACS ES&amp;T Water</i> , 2022, 2, 2134-2143.	2.3	11
2	Embryonic exposures to mono-2-ethylhexyl phthalate induce larval steatosis in zebrafish independent of Nrf2a signaling. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 132-140.	0.7	11
3	Developmental exposures to perfluorooctanesulfonic acid (PFOS) impact embryonic nutrition, pancreatic morphology, and adiposity in the zebrafish, <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2021, 275, 116644.	3.7	29
4	Maternal preconception PFOS exposure of <i>Drosophila melanogaster</i> alters reproductive capacity, development, morphology and nutrient regulation. <i>Food and Chemical Toxicology</i> , 2021, 151, 112153.	1.8	11
5	Mathematical modeling of the interaction between yolk utilization and fish growth in zebrafish, <i>Danio rerio</i> . <i>Development (Cambridge)</i> , 2021, 148, .	1.2	4
6	The ecotoxicological contaminant tris(4-chlorophenyl)methanol (TCPMOH) impacts embryonic development in zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2021, 235, 105815.	1.9	6
7	The Role of Diversity, Equity, and Inclusion in the Future of Toxicology. <i>Toxicological Sciences</i> , 2021, 182, 355-356.	1.4	0
8	Modulation of PPAR signaling disrupts pancreas development in the zebrafish, <i>Danio rerio</i> . <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115653.	1.3	10
9	Associations between Exposures to Perfluoroalkyl Substances and Diabetes, Hyperglycemia, or Insulin Resistance: A Scoping Review. <i>Journal of Xenobiotics</i> , 2021, 11, 115-129.	2.9	27
10	Association between particulate matter air pollution and heart attacks in San Diego County. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 1585-1594.	0.9	5
11	The emerging contaminant 3,4-dichlorobiphenyl (PCB-11) impedes Ahr activation and Cyp1a activity to modify embryotoxicity of Ahr ligands in the zebrafish embryo model ( <i>Danio rerio</i> ). <i>Environmental Pollution</i> , 2019, 254, 113027.	3.7	17
12	B-vitamins & one-carbon metabolism. , 2019, , 319-336.		0
13	Methods for Analysis of DNA Methylation. , 2019, , 347-377.		3
14	Perfluorobutanesulfonic Acid Disrupts Pancreatic Organogenesis and Regulation of Lipid Metabolism in the Zebrafish, <i>Danio rerio</i> . <i>Toxicological Sciences</i> , 2019, 167, 258-268.	1.4	45
15	Nrf2a modulates the embryonic antioxidant response to perfluorooctanesulfonic acid (PFOS) in the zebrafish, <i>Danio rerio</i> . <i>Aquatic Toxicology</i> , 2018, 198, 92-102.	1.9	41
16	Pancreatic beta cells are a sensitive target of embryonic exposure to butylparaben in zebrafish ( <i>Danio rerio</i> ). <i>Birth Defects Research</i> , 2018, 110, 933-948.	0.8	20
17	Zebrafish as a Model for Toxicological Perturbation of Yolk and Nutrition in the Early Embryo. <i>Current Environmental Health Reports</i> , 2018, 5, 125-133.	3.2	103
18	Embryonic exposure to Mono(2-ethylhexyl) phthalate (MEHP) disrupts pancreatic organogenesis in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2018, 195, 498-507.	4.2	35

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19	The role of Nrf1 and Nrf2 in the regulation of glutathione and redox dynamics in the developing zebrafish embryo. <i>Redox Biology</i> , 2017, 13, 207-218.	3.9	58
20	Novel Epigenetic Biomarkers Mediating Bisphenol A Exposure and Metabolic Phenotypes in Female Mice. <i>Endocrinology</i> , 2017, 158, 31-40.	1.4	37
21	Embryonic exposures to perfluorooctanesulfonic acid (PFOS) disrupt pancreatic organogenesis in the zebrafish, <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2017, 220, 807-817.	3.7	65
22	Assessment of Toxicological Perturbations and Variants of Pancreatic Islet Development in the Zebrafish Model. <i>Toxics</i> , 2016, 4, 20.	1.6	18
23	Epigenome-wide DNA methylation analysis implicates neuronal and inflammatory signaling pathways in adult murine hepatic tumorigenesis following perinatal exposure to bisphenol A. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 435-446.	0.9	10
24	Mono-2-ethylhexyl phthalate (MEHP) alters histiotrophic nutrition pathways and epigenetic processes in the developing conceptus. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 211-218.	1.9	20
25	Mono-2-ethylhexyl phthalate disrupts neurulation and modifies the embryonic redox environment and gene expression. <i>Reproductive Toxicology</i> , 2016, 63, 32-48.	1.3	28
26	Amino acid starvation induced by protease inhibition produces differential alterations in redox status and the thiol proteome in organogenesis-stage rat embryos and visceral yolk sacs. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1589-1598.	1.9	11
27	Regulation of Ahr signaling by Nrf2 during development: Effects of Nrf2a deficiency on PCB126 embryotoxicity in zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2015, 167, 157-171.	1.9	45
28	Deviant development of pancreatic beta cells from embryonic exposure to PCB-126 in zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 178, 25-32.	1.3	20
29	Ethanol Attenuates Histiotrophic Nutrition Pathways and Alters the Intracellular Redox Environment and Thiol Proteome during Rat Organogenesis. <i>Toxicological Sciences</i> , 2015, 147, 475-489.	1.4	15
30	Inhibition of glutathione biosynthesis alters compartmental redox status and the thiol proteome in organogenesis-stage rat conceptuses. <i>Free Radical Biology and Medicine</i> , 2013, 63, 325-337.	1.3	24
31	Inhibition of proteolysis in histiotrophic nutrition pathways alters DNA methylation and one-carbon metabolism in the organogenesis-stage rat conceptus. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1479-1487.	1.9	14
32	DNA Methylation Screening and Analysis. <i>Methods in Molecular Biology</i> , 2012, 889, 385-406.	0.4	31
33	Nutrition and epigenetics: an interplay of dietary methyl donors, one-carbon metabolism and DNA methylation. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 853-859.	1.9	608