Katherine E Pelch

List of Publications by Year
in descending order

44 papers	2,023 citations	304743 22 h-index	276875 41 g-index
44 all docs	44 docs citations	44 times ranked	2985 citing authors

#	Article	IF	Citations
1	Scientific Basis for Managing PFAS as a Chemical Class. Environmental Science and Technology Letters, 2020, 7, 532-543.	8.7	278
2	Differential Estrogenic Actions of Endocrine-Disrupting Chemicals Bisphenol A, Bisphenol AF, and Zearalenone through Estrogen Receptor Î± and Î² in Vitro. Environmental Health Perspectives, 2012, 120, 1029-1035.	6.0	190
3	A scoping review of the health and toxicological activity of bisphenol A (BPA) structural analogues and functional alternatives. Toxicology, 2019, 424, 152235.	4.2	160
4	PFAS health effects database: Protocol for a systematic evidence map. Environment International, 2019, 130, 104851.	10.0	153
5	SWIFT-Review: a text-mining workbench for systematic review. Systematic Reviews, 2016, 5, 87.	5.3	121
6	Impacts of food contact chemicals on human health: a consensus statement. Environmental Health, 2020, 19, 25.	4.0	100
7	Endocrine-Disrupting Chemicals (EDCs): In Vitro Mechanism of Estrogenic Activation and Differential Effects on ER Target Genes. Environmental Health Perspectives, 2013, 121, 459-466.	6.0	91
8	Selective Mutations in Estrogen Receptor Î± D-domain Alters Nuclear Translocation and Non-estrogen Response Element Gene Regulatory Mechanisms. Journal of Biological Chemistry, 2011, 286, 12640-12649.	3.4	76
9	Characterization of Estrogenic and Androgenic Activities for Bisphenol A-like Chemicals (BPs): In Vitro Estrogen and Androgen Receptors Transcriptional Activation, Gene Regulation, and Binding Profiles. Toxicological Sciences, 2019, 172, 23-37.	3.1	76
10	Differential in Vitro Biological Action, Coregulator Interactions, and Molecular Dynamic Analysis of Bisphenol A (BPA), BPAF, and BPS Ligandâ€“ERÎ± Complexes. Environmental Health Perspectives, 2018, 126, 017012.	6.0	74
11	Lavender Products Associated With Premature Thelarche and Prepubertal Gynecomastia: Case Reports and Endocrine-Disrupting Chemical Activities. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5393-5405.	3.6	70
12	Aberrant gene expression profile in a mouse model ofÂendometriosis mirrors that observed in women. Fertility and Sterility, 2010, 93, 1615-1627.e18.	1.0	51
13	Binding of bisphenol A, bisphenol AF, and bisphenol S on the androgen receptor: Coregulator recruitment and stimulation of potential interaction sites. Toxicology in Vitro, 2017, 44, 287-302.	2.4	44
14	Estrogen modulates expression of putative housekeeping genes in the mouse uterus. Endocrine, 2009, 35, 211-219.	2.3	43
15	Environmental Chemicals and Autism: A Scoping Review of the Human and Animal Research. Environmental Health Perspectives, 2019, 127, 46001.	6.0	40
16	Regulation of ERRÎ± Gene Expression by Estrogen Receptor Agonists and Antagonists in SKBR3 Breast Cancer Cells: Differential Molecular Mechanisms Mediated by G Protein-Coupled Receptor GPR30/GPER-1. Molecular Endocrinology, 2010, 24, 969-980.	3.7	38
17	Differential DNA methylation profile of key genes in malignant prostate epithelial cells transformed by inorganic arsenic or cadmium. Toxicology and Applied Pharmacology, 2015, 286, 159-167.	2.8	36
18	Developmental Exposure to Xenoestrogens at Low Doses Alters Femur Length and Tensile Strength in Adult Mice1. Biology of Reproduction, 2012, 86, 69.	2.7	35

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19	Machine Learning Classifiers for Endometriosis Using Transcriptomics and Methylomics Data. Frontiers in Genetics, 2019, 10, 766.	2.3	32
20	Mouse Model of Surgically-induced Endometriosis by Auto-transplantation of Uterine Tissue. Journal of Visualized Experiments, 2012, , e3396.	0.3	29
21	Potential Developmental and Reproductive Impacts of Triclocarban: A Scoping Review. Journal of Toxicology, 2017, 2017, 1-15.	3.0	29
22	Exploring the endocrine activity of air pollutants associated with unconventional oil and gas extraction. Environmental Health, 2018, 17, 26.	4.0	26
23	Post-transcriptional regulation in spermatogenesis: all RNA pathways lead to healthy sperm. Cellular and Molecular Life Sciences, 2021, 78, 8049-8071.	5.4	23
24	Induction of lactoferrin gene expression by innate immune stimuli in mouse mammary epithelial HC-11 cells. Biochimie, 2009, 91, 58-67.	2.6	22
25	Human and animal evidence of potential transgenerational inheritance of health effects: An evidence map and state-of-the-science evaluation. Environment International, 2018, 115, 48-69.	10.0	22
26	The PFAS-Tox Database: A systematic evidence map of health studies on 29 per- and polyfluoroalkyl substances. Environment International, 2022, 167, 107408.	10.0	22
27	Essential Oils and Health. Yale Journal of Biology and Medicine, 2020, 93, 291-305.	0.2	19
28	DNA methylation and transcriptome aberrations mediated by ERÎ± in mouse seminal vesicles following developmental DES exposure. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4189-E4198.	7.1	18
29	Research Resource: STR DNA Profile and Gene Expression Comparisons of Human BG-1 Cells and a BG-1/MCF-7 Clonal Variant. Molecular Endocrinology, 2014, 28, 2072-2081.	3.7	17
30	Arsenite malignantly transforms human prostate epithelial cells in vitro by gene amplification of mutated KRAS. PLoS ONE, 2019, 14, e0215504.	2.5	16
31	Research Resource: Comparison of Gene Profiles From Wild-Type ERÎ± and ERÎ± Hinge Region Mutants. Molecular Endocrinology, 2014, 28, 1352-1361.	3.7	13
32	Altered Gene Expression Profile in Vaginal Polypoid Endometriosis Resembles Peritoneal Endometriosis and Is Consistent with Increased Local Estrogen Production. Gynecologic and Obstetric Investigation, 2011, 71, 77-86.	1.6	10
33	ESR1 Mutations Associated With Estrogen Insensitivity Syndrome Change Conformation of Ligand-Receptor Complex and Altered Transcriptome Profile. Endocrinology, 2020, 161, .	2.8	7
34	Bisphenols: More unnecessary surprises. Endocrine Disruptors (Austin, Tex), 2016, 4, e1131032.	1.1	6
35	KRAS-retroviral fusion transcripts and gene amplification in arsenic-transformed, human prostate CAsE-PE cancer cells. Toxicology and Applied Pharmacology, 2020, 397, 115017.	2.8	6
36	Response to â€œComment on Scientific Basis for Managing PFAS as a Chemical Classâ€• Environmental Science and Technology Letters, 2021, 8, 195-197.	8.7	6

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37	A mutant form of ERÎ± associated with estrogen insensitivity affects the coupling between ligand binding and coactivator recruitment. Science Signaling, 2020, 13, .	3.6	5
38	Systematic Review Methodologies and Endocrine Disrupting Chemicals: Improving Evaluations of the Plastic Monomer Bisphenol A. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2022, 22, 748-764.	1.2	5
39	Endocrine-disrupting Chemicals (EDCs) in Mammals. , 2011, , 329-371.		4
40	Estrogen receptor (ER)-mediated activation by endocrine disrupting chemicals (EDCs). Endocrine Disruptors (Austin, Tex), 2013, 1, e27197.	1.1	3
41	GenomeForest: An Ensemble Machine Learning Classifier for Endometriosis. AMIA Summits on Translational Science Proceedings, 2020, 2020, 33-42.	0.4	3
42	A multi-omics informatics approach for identifying molecular mechanisms and biomarkers in clinical patients with endometriosis. , 2017, , .		2
43	Invited Perspective: The Promise of Fit-for-Purpose Systematic Evidence Maps for Supporting Regulatory Health Assessment. Environmental Health Perspectives, 2022, 130, 51303.	6.0	2
44	SAT-205 ESR1 Q375H and R394H Mutants Associated with Estrogen Insensitivity Syndrome Mediate Genome-Wide Genetic and Epigenetic Aberrances. Journal of the Endocrine Society, 2019, 3, .	0.2	0