Christine Ogilvie Hendren

List of Publications by Year
in descending order

33	1,748	471509 17	414414 32
papers	citations	h-index	g-index

34	34	34	2965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial vesicle-mediated communication: convergence to understand interactions within and between domains of life. Environmental Sciences: Processes and Impacts, 2021, 23, 664-677.	3.5	9
2	MESOCOSM: A mesocosm database management system for environmental nanosafety. NanoImpact, 2021, 21, 100288.	4.5	8
3	Bridging international approaches on nanoEHS. Nature Nanotechnology, 2021, 16, 608-611.	31.5	6
4	The NanoInformatics Knowledge Commons: Capturing spatial and temporal nanomaterial transformations in diverse systems. NanoImpact, 2021, 23, 100331.	4.5	5
5	Quantifying Mechanical Abrasion of MWCNT Nanocomposites Used in 3D Printing: Influence of CNT Content on Abrasion Products and Rate of Microplastic Production. Environmental Science & Technology, 2021, 55, 10332-10342.	10.0	14
6	Hazardous Spills at Retired Fertilizer Manufacturing Plants Will Continue to Occur in the Absence of Scientific Innovation and Regulatory Enforcement. Environmental Science & Technology, 2021, 55, 16267-16269.	10.0	10
7	Impacts of ingested MWCNT-Embedded nanocomposites in Japanese medaka (Oryzias latipes). Nanotoxicology, 2021, 15, 1403-1422.	3.0	3
8	Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. Environmental Science: Nano, 2020, 7, 13-36.	4.3	32
9	NanoSolveIT Project: Driving nanoinformatics research to develop innovative and integrated tools for in silico nanosafety assessment. Computational and Structural Biotechnology Journal, 2020, 18, 583-602.	4.1	74
10	Best practices from nano-risk analysis relevant for other emerging technologies. Nature Nanotechnology, 2019, 14, 998-1001.	31.5	30
11	Sex Robotsâ€"A Harbinger for Emerging AI Risk. Frontiers in Artificial Intelligence, 2019, 2, 27.	3.4	10
12	Contribution of mesocosm testing to a single-step and exposure-driven environmental risk assessment of engineered nanomaterials. NanoImpact, 2019, 13, 66-69.	4.5	26
13	Integration among databases and data sets to support productive nanotechnology: Challenges and recommendations. NanoImpact, 2018, 9, 85-101.	4.5	56
14	A Nanoinformatics Approach to Safety, Health, Well-Being, and Productivity. , 2018, , 83-117.		2
15	The NSF-EPA Centers for the Environmental Implications of Nanotechnology. , 2018, , 151-168.		0
16	Application and testing of risk screening tools for nanomaterial risk analysis. Environmental Science: Nano, 2018, 5, 1844-1858.	4.3	7
17	Nanotechnology for sustainable food production: promising opportunities and scientific challenges. Environmental Science: Nano, 2017, 4, 767-781.	4.3	202
18	The role of alternative testing strategies in environmental risk assessment of engineered nanomaterials. Environmental Science: Nano, 2017, 4, 292-301.	4.3	23

#	Article	IF	Citations
19	How should the completeness and quality of curated nanomaterial data be evaluated?. Nanoscale, 2016, 8, 9919-9943.	5.6	86
20	Visualization tool for correlating nanomaterial properties and biological responses in zebrafish. Environmental Science: Nano, 2016, 3, 1280-1292.	4.3	8
21	Guidance to improve the scientific value of zeta-potential measurements in nanoEHS. Environmental Science: Nano, 2016, 3, 953-965.	4.3	258
22	Advancing Risk Analysis for Nanoscale Materials: Report from an International Workshop on the Role of Alternative Testing Strategies for Advancement. Risk Analysis, 2016, 36, 1520-1537.	2.7	16
23	The Nanomaterial Data Curation Initiative: A collaborative approach to assessing, evaluating, and advancing the state of the field. Beilstein Journal of Nanotechnology, 2015, 6, 1752-1762.	2.8	40
24	Nanocuration workflows: Establishing best practices for identifying, inputting, and sharing data to inform decisions on nanomaterials. Beilstein Journal of Nanotechnology, 2015, 6, 1860-1871.	2.8	26
25	Data dialogues: critical connections for designing and implementing future nanomaterial research. Environment Systems and Decisions, 2015, 35, 76-87.	3.4	4
26	A functional assay-based strategy for nanomaterial risk forecasting. Science of the Total Environment, 2015, 536, 1029-1037.	8.0	79
27	Nanomaterial Categorization for Assessing Risk Potential To Facilitate Regulatory Decision-Making. ACS Nano, 2015, 9, 3409-3417.	14.6	129
28	A web-based tool to engage stakeholders in informing research planning for future decisions on emerging materials. Science of the Total Environment, 2014, 470-471, 660-668.	8.0	12
29	Transparent stakeholder engagement in practice: Lessons learned from applying comprehensive environmental assessment to research planning for nanomaterials. Integrated Environmental Assessment and Management, 2014, 10, 498-510.	2.9	2
30	Modeling nanomaterial fate in wastewater treatment: Monte Carlo simulation of silver nanoparticles (nano-Ag). Science of the Total Environment, 2013, 449, 418-425.	8.0	112
31	Modeling Approaches for Characterizing and Evaluating Environmental Exposure to Engineered Nanomaterials in Support of Risk-Based Decision Making. Environmental Science & Technology, 2013, 47, 1190-1205.	10.0	72
32	Comprehensive Environmental Assessment: A Meta-Assessment Approach. Environmental Science & Technology, 2012, 46, 9202-9208.	10.0	35
33	Estimating Production Data for Five Engineered Nanomaterials As a Basis for Exposure Assessment. Environmental Science & Technology, 2011, 45, 2562-2569.	10.0	350