

Hilary A Godwin

List of Publications by Year in descending order

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36
papers

2,932
citations

394421

19
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

5465
citing authors

#	ARTICLE	IF	CITATIONS
1	The metabolite $\hat{\pm}$ -ketoglutarate extends lifespan by inhibiting ATP synthase and TOR. <i>Nature</i> , 2014, 510, 397-401.	27.8	485
2	Toxicity Mechanisms in <i>Escherichia coli</i> Vary for Silver Nanoparticles and Differ from Ionic Silver. <i>ACS Nano</i> , 2014, 8, 374-386.	14.6	458
3	Dispersion and Stability Optimization of TiO ₂ Nanoparticles in Cell Culture Media. <i>Environmental Science & Technology</i> , 2010, 44, 7309-7314.	10.0	288
4	Comparative environmental fate and toxicity of copper nanomaterials. <i>NanoImpact</i> , 2017, 7, 28-40.	4.5	277
5	Considerations of Environmentally Relevant Test Conditions for Improved Evaluation of Ecological Hazards of Engineered Nanomaterials. <i>Environmental Science & Technology</i> , 2016, 50, 6124-6145.	10.0	191
6	Color My Nanoworld. <i>Journal of Chemical Education</i> , 2004, 81, 544A.	2.3	169
7	Nanomaterial Categorization for Assessing Risk Potential To Facilitate Regulatory Decision-Making. <i>ACS Nano</i> , 2015, 9, 3409-3417.	14.6	129
8	Toxicity of Metal Oxide Nanoparticles in <i>Escherichia coli</i> Correlates with Conduction Band and Hydration Energies. <i>Environmental Science & Technology</i> , 2015, 49, 1105-1112.	10.0	127
9	Cu Nanoparticles Have Different Impacts in <i>Escherichia coli</i> and <i>Lactobacillus brevis</i> than Their Microsized and Ionic Analogues. <i>ACS Nano</i> , 2015, 9, 7215-7225.	14.6	120
10	A Multi-Stakeholder Perspective on the Use of Alternative Test Strategies for Nanomaterial Safety Assessment. <i>ACS Nano</i> , 2013, 7, 6422-6433.	14.6	110
11	Five reasons to use bacteria when assessing manufactured nanomaterial environmental hazards and fates. <i>Current Opinion in Biotechnology</i> , 2014, 27, 73-78.	6.6	82
12	Spectroscopic and Functional Determination of the Interaction of Pb ²⁺ with GATA Proteins. <i>Journal of the American Chemical Society</i> , 2005, 127, 3751-3759.	13.7	72
13	The University of California Center for the Environmental Implications of Nanotechnology. <i>Environmental Science & Technology</i> , 2009, 43, 6453-6457.	10.0	67
14	Characterization of the First N ₂ S(alkylthiolate)lead Compound: A Model for Three-Coordinate Lead in Biological Systems. <i>Inorganic Chemistry</i> , 2006, 45, 6574-6576.	4.0	55
15	Genome-Wide Bacterial Toxicity Screening Uncovers the Mechanisms of Toxicity of a Cationic Polystyrene Nanomaterial. <i>Environmental Science & Technology</i> , 2012, 46, 2398-2405.	10.0	54
16	Stemming the tide of drug-resistant <i>Neisseria gonorrhoeae</i> : the need for an individualized approach to treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 374-381.	3.0	41
17	A Recombinant Courtship Pheromone Affects Sexual Receptivity in a Plethodontid Salamander. <i>Chemical Senses</i> , 2008, 33, 623-631.	2.0	35
18	Needs and challenges for assessing the environmental impacts of engineered nanomaterials (ENMs). <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 989-1014.	2.8	34

#	ARTICLE	IF	CITATIONS
19	Advancing alternatives analysis: The role of predictive toxicology in selecting safer chemical products and processes. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 915-925.	2.9	30
20	Impacts of Urban Water Conservation Strategies on Energy, Greenhouse Gas Emissions, and Health: Southern California as a Case Study. <i>American Journal of Public Health</i> , 2016, 106, 941-948.	2.7	16
21	Coffee Cup Atomic Force Microscopy. <i>Journal of Chemical Education</i> , 2010, 87, 306-307.	2.3	11
22	Perspectives on the future of recycled water in California: results from interviews with water management professionals. <i>Journal of Environmental Planning and Management</i> , 2019, 62, 1908-1928.	4.5	11
23	Critical evaluation of FDA-approved respiratory multiplex assays for public health surveillance. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 631-643.	3.1	10
24	An Assessment of Climate Change Impacts on Los Angeles (California USA) Hospitals, Wildfires Highest Priority. <i>Prehospital and Disaster Medicine</i> , 2017, 32, 556-562.	1.3	8
25	It is time to revise our approach to registering antimicrobial agents for health care settings. <i>American Journal of Infection Control</i> , 2016, 44, 228-232.	2.3	7
26	Economic Assessment of Reverse Algorithm Syphilis Screening in a High Prevalence Population. <i>Sexually Transmitted Diseases</i> , 2018, 45, 834-841.	1.7	7
27	Children's and parents' views on hospital contact isolation: A qualitative study to highlight children's perspectives. <i>Clinical Child Psychology and Psychiatry</i> , 2020, 25, 401-418.	1.6	7
28	Nanopatterning with Lithography. <i>Journal of Chemical Education</i> , 2005, 82, 768A.	2.3	6
29	Comparing three treponemal tests for syphilis screening. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 173-177.	1.8	6
30	How to better monitor and clean irregular surfaces in operating rooms: Insights gained by using both ATP luminescence and RODAC assays. <i>American Journal of Infection Control</i> , 2018, 46, 906-912.	2.3	6
31	Visions from Local Populations for Livelihood-Based Solutions to Promote Forest Conservation Sustainability in the Congo Basin. <i>Human Ecology</i> , 2018, 46, 887-896.	1.4	5
32	A Call to Action: Training Public Health Students to Be Effective Agents for Social Change. <i>American Journal of Public Health</i> , 2015, 105, S34-S37.	2.7	3
33	Health Challenges and Assets of Forest-Dependent Populations in Cameroon. <i>EcoHealth</i> , 2019, 16, 287-297.	2.0	3
34	Metal Oxides: Zebrafish High-Throughput Screening to Study the Impact of Dissolvable Metal Oxide Nanoparticles on the Hatching Enzyme, ZHE1 (Small 9-10/2013). <i>Small</i> , 2013, 9, 1775-1775.	10.0	2
35	Response to "Perspectives from the field in response to "It is time to revise our approach to registering antimicrobial agents [by the Environmental Protection Agency] for health care settings". <i>American Journal of Infection Control</i> , 2017, 45, 100-102.	2.3	0
36	Sokolow et al. Respond. <i>American Journal of Public Health</i> , 2017, 107, e9-e10.	2.7	0