

Huiming Cao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

581
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

686
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Insight into the defluorination ability of per- and polyfluoroalkyl substances based on machine learning and quantum chemical computations. <i>Science of the Total Environment</i> , 2022, 807, 151018. | 8.0 | 8 |
| 2 | Effect of Enterohepatic Circulation on the Accumulation of Per- and Polyfluoroalkyl Substances: Evidence from Experimental and Computational Studies. <i>Environmental Science & Technology</i> , 2022, 56, 3214-3224. | 10.0 | 35 |
| 3 | Exploring the origin of efficient adsorption of poly- and perfluoroalkyl substances in household point-of-use water purifiers: Deep insights from a joint experimental and computational study. <i>Science of the Total Environment</i> , 2022, 831, 154988. | 8.0 | 16 |
| 4 | 4-Hexylphenol influences adipogenic differentiation and hepatic lipid accumulation in vitro. <i>Environmental Pollution</i> , 2021, 268, 115635. | 7.5 | 10 |
| 5 | The occurrence of PFAS in human placenta and their binding abilities to human serum albumin and organic anion transporter 4. <i>Environmental Pollution</i> , 2021, 273, 116460. | 7.5 | 57 |
| 6 | In silico identification of novel inhibitors targeting the DNA-binding domain of the human estrogen receptor alpha. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 213, 105966. | 2.5 | 0 |
| 7 | Evaluation of the Estrogenic/Antiestrogenic Activities of Perfluoroalkyl Substances and Their Interactions with the Human Estrogen Receptor by Combining <i>In Vitro</i> Assays and <i>In Silico</i> Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 14514-14524. | 10.0 | 28 |
| 8 | Structure-Oriented Research on the Antiestrogenic Effect of Organophosphate Esters and the Potential Mechanism. <i>Environmental Science & Technology</i> , 2020, 54, 14525-14534. | 10.0 | 14 |
| 9 | Perfluorooctanesulfonate Induces Hepatomegaly and Lipotrophy in Mice through Phosphoenolpyruvate Carboxykinase-Mediated Glyceroneogenesis Inhibition. <i>Environmental Science and Technology Letters</i> , 2020, 7, 185-190. | 8.7 | 5 |
| 10 | Estrogenic activity of benzotriazole UV stabilizers evaluated through in vitro assays and computational studies. <i>Science of the Total Environment</i> , 2020, 727, 138549. | 8.0 | 20 |
| 11 | Capture and elimination of <i>Staphylococcus aureus</i> based on Langmuir-Blodgett MnO ₂ nanowire monolayer promotes infected wound healing. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4198-4206. | 5.8 | 5 |
| 12 | Computational insights on agonist and antagonist mechanisms of estrogen receptor α induced by bisphenol A analogues. <i>Environmental Pollution</i> , 2019, 248, 536-545. | 7.5 | 13 |
| 13 | Screening of Potential PFOS Alternatives To Decrease Liver Bioaccumulation: Experimental and Computational Approaches. <i>Environmental Science & Technology</i> , 2019, 53, 2811-2819. | 10.0 | 49 |
| 14 | Protonation state effects of estrogen receptor α on the recognition mechanisms by perfluorooctanoic acid and perfluorooctane sulfonate: A computational study. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 647-656. | 6.0 | 11 |
| 15 | Anti-estrogenic activity of tris(2,3-dibromopropyl) isocyanurate through disruption of co-activator recruitment: experimental and computational studies. <i>Archives of Toxicology</i> , 2018, 92, 1471-1482. | 4.2 | 19 |
| 16 | Application of a Novel Coarse-Grained Soil Organic Matter Model in the Environment. <i>Environmental Science & Technology</i> , 2018, 52, 14228-14234. | 10.0 | 16 |
| 17 | In silico approach to investigating the adsorption mechanisms of short chain perfluorinated sulfonic acids and perfluorooctane sulfonic acid on hydrated hematite surface. <i>Water Research</i> , 2017, 114, 144-150. | 11.3 | 39 |
| 18 | Understanding the microscopic binding mechanism of hydroxylated and sulfated polybrominated diphenyl ethers with transthyretin by molecular docking, molecular dynamics simulations and binding free energy calculations. <i>Molecular BioSystems</i> , 2017, 13, 736-749. | 2.9 | 18 |

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|----|---|------|-----------|
| 19 | Experimental and computational insights on the recognition mechanism between the estrogen receptor $\hat{\pm}$ with bisphenol compounds. Archives of Toxicology, 2017, 91, 3897-3912. | 4.2 | 40 |
| 20 | Differential Accumulation and Elimination Behavior of Perfluoroalkyl Acid Isomers in Occupational Workers in a Manufactory in China. Environmental Science & Technology, 2015, 49, 6953-6962. | 10.0 | 131 |
| 21 | Molecular interaction of PCB153 to human serum albumin: Insights from spectroscopic and molecular modeling studies. Journal of Hazardous Materials, 2013, 248-249, 313-321. | 12.4 | 31 |
| 22 | Synthesis and biological evaluation of a series of podophyllotoxins derivatives as a class of potent antitubulin agents. Bioorganic and Medicinal Chemistry, 2012, 20, 6285-6295. | 3.0 | 16 |