

Heather L Ciallella

List of Publications by Year in descending order

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7
papers

356
citations

1478505

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1720034

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all docs

7
docs citations

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times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing Computational Toxicology in the Big Data Era by Artificial Intelligence: Data-Driven and Mechanism-Driven Modeling for Chemical Toxicity. <i>Chemical Research in Toxicology</i> , 2019, 32, 536-547.	3.3	120
2	Advancing computer-aided drug discovery (CADD) by big data and data-driven machine learning modeling. <i>Drug Discovery Today</i> , 2020, 25, 1624-1638.	6.4	103
3	CATMoS: Collaborative Acute Toxicity Modeling Suite. <i>Environmental Health Perspectives</i> , 2021, 129, 47013.	6.0	63
4	Predictive modeling of estrogen receptor agonism, antagonism, and binding activities using machine- and deep-learning approaches. <i>Laboratory Investigation</i> , 2021, 101, 490-502.	3.7	29
5	Revealing Adverse Outcome Pathways from Public High-Throughput Screening Data to Evaluate New Toxicants by a Knowledge-Based Deep Neural Network Approach. <i>Environmental Science & Technology</i> , 2021, 55, 10875-10887.	10.0	29
6	Predicting Prenatal Developmental Toxicity Based On the Combination of Chemical Structures and Biological Data. <i>Environmental Science & Technology</i> , 2022, 56, 5984-5998.	10.0	11
7	Automatic Quantitative Structure-Activity Relationship Modeling to Fill Data Gaps in High-Throughput Screening. <i>Methods in Molecular Biology</i> , 2022, 2474, 169-187.	0.9	1