

Diego Baderna

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

880
citations

566801

15
h-index

476904

29
g-index

38
all docs

38
docs citations

38
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	QSAR models for soil ecotoxicity: Development and validation of models to predict reproductive toxicity of organic chemicals in the collembola <i>Folsomia candida</i> . <i>Journal of Hazardous Materials</i> , 2022, 423, 127236.	6.5	22
2	Skin sensitization quantitative QSAR models based on mechanistic structural alerts. <i>Toxicology</i> , 2022, 468, 153111.	2.0	2
3	In Silico Methods for Chromosome Damage. <i>Methods in Molecular Biology</i> , 2022, 2425, 185-200.	0.4	1
4	Modeling the migration of chemicals from food contact materials to food: The MERLIN-expo/VERMEER toolbox. <i>Food and Chemical Toxicology</i> , 2022, 166, 113118.	1.8	3
5	Monte Carlo Models for Sub-Chronic Repeated-Dose Toxicity: Systemic and Organ-Specific Toxicity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6615.	1.8	6
6	SpheraCosmolife: a new tool for the risk assessment of cosmetic products. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 565-579.	0.9	4
7	Defining the Human-Biota Thresholds of Toxicological Concern for Organic Chemicals in Freshwater: The Proposed Strategy of the LIFE VERMEER Project Using VEGA Tools. <i>Molecules</i> , 2021, 26, 1928.	1.7	1
8	Ecotoxicological QSAR modeling of the acute toxicity of organic compounds to the freshwater crustacean <i>Thamnocephalus platyurus</i> . <i>Chemosphere</i> , 2021, 280, 130652.	4.2	14
9	QSAR Models for Human Carcinogenicity: An Assessment Based on Oral and Inhalation Slope Factors. <i>Molecules</i> , 2021, 26, 127.	1.7	13
10	Chemometric modeling to predict air half-life of persistent organic pollutants (POPs). <i>Journal of Hazardous Materials</i> , 2020, 382, 121035.	6.5	15
11	New in silico models to predict in vitro micronucleus induction as marker of genotoxicity. <i>Journal of Hazardous Materials</i> , 2020, 385, 121638.	6.5	25
12	Zebrafish AC modelling: (Q)SAR models to predict developmental toxicity in zebrafish embryo. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110936.	2.9	13
13	Prediction of No Observed Adverse Effect Concentration for inhalation toxicity using Monte Carlo approach. <i>SAR and QSAR in Environmental Research</i> , 2020, 31, 1-12.	1.0	8
14	QSAR models for biocides: The example of the prediction of <i>Daphnia magna</i> acute toxicity. <i>SAR and QSAR in Environmental Research</i> , 2020, 31, 227-243.	1.0	22
15	iPS, organoids and 3D models as advanced tools for in vitro toxicology. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 136-140.	0.9	10
16	Innovative in vitro strategies for food and environmental safety. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 681-683.	0.9	0
17	Organoids are promising tools for species-specific in vitro toxicological studies. <i>Journal of Applied Toxicology</i> , 2019, 39, 1610-1622.	1.4	58
18	Ecotoxicological QSAR modeling of organic compounds against fish: Application of fragment based descriptors in feature analysis. <i>Aquatic Toxicology</i> , 2019, 212, 162-174.	1.9	39

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19	QSAR modeling of Daphnia magna and fish toxicities of biocides using 2D descriptors. Chemosphere, 2019, 229, 8-17.	4.2	71
20	Investigating landfill leachate toxicity in vitro: A review of cell models and endpoints. Environment International, 2019, 122, 21-30.	4.8	96
21	Phytotoxicity of wear debris from traditional and innovative brake pads. Environment International, 2019, 123, 156-163.	4.8	30
22	In vitro approaches to environmental pollutants: New models, endpoints, and strategies. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 329-330.	0.9	0
23	(Eco)toxicological maps: A new risk assessment method integrating traditional and in silico tools and its application in the Ledra River (Italy). Environment International, 2018, 119, 275-286.	4.8	11
24	Air quality in the Olona Valley and in vitro human health effects. Science of the Total Environment, 2017, 579, 1929-1939.	3.9	13
25	Aquatic toxicity of several textile dye formulations: Acute and chronic assays with Daphnia magna and Raphidocelis subcapitata. Ecotoxicology and Environmental Safety, 2017, 144, 79-87.	2.9	84
26	Quasi-SMILES as a tool to utilize eclectic data for predicting the behavior of nanomaterials. NanolImpact, 2016, 1, 60-64.	2.4	24
27	Chemical characterization and ecotoxicity of three soil foaming agents used in mechanized tunneling. Journal of Hazardous Materials, 2015, 296, 210-220.	6.5	32
28	Acute phytotoxicity of seven metals alone and in mixture: Are Italian soil threshold concentrations suitable for plant protection?. Environmental Research, 2015, 140, 102-111.	3.7	46
29	Soil quality in the Lomellina area using in vitro models and ecotoxicological assays. Environmental Research, 2014, 133, 220-231.	3.7	16
30	Chemical-based risk assessment and in vitro models of human health effects induced by organic pollutants in soils from the Olona valley. Science of the Total Environment, 2013, 463-464, 790-801.	3.9	28
31	Application of ERICA index to evaluation of soil ecosystem health according to sustainability threshold for chemical impact. Science of the Total Environment, 2013, 443, 134-142.	3.9	13
32	Toxicological and Ecotoxicological Studies for Additives. Handbook of Environmental Chemistry, 2012, , 73-89.	0.2	0
33	Toxicological Characterization of Waste-Related Products Using Alternative Methods: Three Case Studies. Handbook of Environmental Chemistry, 2012, , 171-205.	0.2	0
34	Lubricants and Additives: A Point of View. Handbook of Environmental Chemistry, 2011, , 109-132.	0.2	2
35	A combined approach to investigate the toxicity of an industrial landfill's leachate: Chemical analyses, risk assessment and in vitro assays. Environmental Research, 2011, 111, 603-613.	3.7	126
36	Assessing the environmental risks associated with contaminated sites: Definition of an Ecotoxicological Classification index for landfill areas (ECRIS). Chemosphere, 2010, 80, 60-66.	4.2	15

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37	ERICA: A multiparametric toxicological risk index for the assessment of environmental healthiness. Environment International, 2010, 36, 665-674.	4.8	15