

Dimosthenis Sarigiannis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

806
citations

17
h-index

28
g-index

44
ext. papers

1,002
ext. citations

5.2
avg, IF

4.12
L-index

#	Paper	IF	Citations
36	Harmonization of Human Biomonitoring Studies in Europe: Characteristics of the HBM4EU-Aligned Studies Participants. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6787	4.6	0
35	Application of TiO ₂ Nanoparticles in Clay Roofing Tiles as a Photocatalytic Active Material. <i>Materials Proceedings</i> , 2021 , 5, 90	0.3	
34	Identification of cement in atmospheric particulate matter using the hybrid method of laser diffraction analysis and Raman spectroscopy. <i>Heliyon</i> , 2020 , 6, e03299	3.6	2
33	Lifelong exposure to multiple stressors through different environmental pathways for European populations. <i>Environmental Research</i> , 2019 , 179, 108744	7.9	6
32	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures. <i>Archives of Toxicology</i> , 2019 , 93, 2741-2757	5.8	49
31	Phthalates: Exposure and Health Effects 2019 , 163-173		2
30	A model for estimating the lifelong exposure to PM _{2.5} and NO and the application to population studies. <i>Environmental Research</i> , 2019 , 178, 108629	7.9	9
29	Overview of the effects of chemical mixtures with endocrine disrupting activity in the context of real-life risk simulation: An integrative approach (Review). <i>World Academy of Sciences Journal</i> , 2019 , 1, 157-164	1.4	18
28	Advancing Chemical Risk Assessment through Human Physiology-Based Biochemical Process Modeling. <i>Fluids</i> , 2019 , 4, 4	1.6	0
27	Toxicity bioassay of waste cooking oil-based biodiesel on marine microalgae. <i>Toxicology Reports</i> , 2019 , 6, 111-117	4.8	21
26	Morphological and chemical composition of particulate matter in buses exhaust. <i>Toxicology Reports</i> , 2019 , 6, 120-125	4.8	37
25	Development of an assay to assess genotoxicity by particulate matter extract. <i>Molecular Medicine Reports</i> , 2017 , 15, 1738-1746	2.9	8
24	Human biomonitoring as a tool to support chemicals regulation in the European Union. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 94-97	6.9	91
23	Benefits on public health from transport-related greenhouse gas mitigation policies in Southeastern European cities. <i>Science of the Total Environment</i> , 2017 , 579, 1427-1438	10.2	17
22	Human biomonitoring data analysis for metals in an Italian adolescents cohort: An exposome approach. <i>Environmental Research</i> , 2017 , 159, 344-354	7.9	22
21	Modeling of adipose/blood partition coefficient for environmental chemicals. <i>Food and Chemical Toxicology</i> , 2017 , 110, 274-285	4.7	12
20	Assessing the impact of hazardous waste on children's health: The exposome paradigm. <i>Environmental Research</i> , 2017 , 158, 531-541	7.9	28

19	Monitoring of air pollution levels related to Charilaos Trikoupis Bridge. <i>Science of the Total Environment</i> , 2017 , 609, 1451-1463	10.2	12
18	How Sensors Might Help Define the External Exposome. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	54
17	The impact of multi-walled carbon nanotubes with different amount of metallic impurities on immunometabolic parameters in healthy volunteers. <i>Food and Chemical Toxicology</i> , 2016 , 87, 138-47	4.7	36
16	Exploring the potential of fur farming wastes and byproducts as substrates to anaerobic digestion process. <i>Renewable Energy</i> , 2016 , 96, 1063-1070	8.1	8
15	Transport-related measures to mitigate climate change in Basel, Switzerland: A health-effectiveness comparison study. <i>Environment International</i> , 2015 , 85, 111-9	12.9	33
14	Inventory of pesticide emissions into the air in Europe. <i>Atmospheric Environment</i> , 2013 , 75, 6-14	5.3	24
13	Exposure analysis of accidental release of mercury from compact fluorescent lamps (CFLs). <i>Science of the Total Environment</i> , 2012 , 435-436, 306-15	10.2	23
12	A measurement based analysis of the spatial distribution, temporal variation and chemical composition of particulate matter in Munich and Augsburg. <i>Meteorologische Zeitschrift</i> , 2011 , 20, 47-57	3.1	8
11	Effects of water-soluble functionalized multi-walled carbon nanotubes examined by different cytotoxicity methods in human astrocyte D384 and lung A549 cells. <i>Toxicology</i> , 2010 , 269, 41-53	4.4	106
10	Spatially explicit multimedia fate models for pollutants in Europe: state of the art and perspectives. <i>Science of the Total Environment</i> , 2010 , 408, 3817-30	10.2	47
9	Bayesian algorithm implementation in a real time exposure assessment model on benzene with calculation of associated cancer risks. <i>Sensors</i> , 2009 , 9, 731-55	3.8	19
8	Impact of European legislation on marketed pesticides--a view from the standpoint of health impact assessment studies. <i>Environment International</i> , 2009 , 35, 1096-107	12.9	74
7	Mechanistic Full Chain Approach for ETS Carcinogenicity Impact Assessment in the EU. <i>Epidemiology</i> , 2009 , 20, S88	3.1	3
6	Satellite-derived determination of PM10 concentration and of the associated risk on public health 2004 ,		2
5	Computer-aided design for environment in the process industries. <i>Computers and Chemical Engineering</i> , 1996 , 20, S1407-S1412	4	4
4	Short term dynamics of the reaction between beryllium and steam on the PFCs coating of ITER. <i>Fusion Engineering and Design</i> , 1996 , 31, 267-277	1.7	
3	Stability of the Be+steam reaction and its impact on safety. <i>Journal of Nuclear Materials</i> , 1996 , 233-237, 852-856	3.3	2
2	On order reduction in hydrogen isotope distillation models. <i>Fusion Engineering and Design</i> , 1995 , 28, 406-412	1.7	3

1 TRITIUM PROCESS MODELLING : A SYSTEMS APPROACH **1993**, 1211-1215