

Verdin Anthony

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.

50
papers

1,966
citations

28
h-index

44
g-index

50
ext. papers

2,202
ext. citations

6.3
avg, IF

4.36
L-index

#	Paper	IF	Citations
50	Toxicological appraisal of the chemical fractions of ambient fine (PM) and quasi-ultrafine (PM) particles in human bronchial epithelial BEAS-2B cells. <i>Environmental Pollution</i> , 2020 , 263, 114620	9.3	9
49	Toxicity of fine and quasi-ultrafine particles: Focus on the effects of organic extractable and non-extractable matter fractions. <i>Chemosphere</i> , 2020 , 243, 125440	8.4	15
48	An in vitro model to evaluate the impact of environmental fine particles (PM) on skin damage. <i>Toxicology Letters</i> , 2019 , 305, 94-102	4.4	17
47	Essential Oil Chemical Polymorphism According to Soil Type. <i>Foods</i> , 2019 , 8,	4.9	13
46	In vitro evaluation of organic extractable matter from ambient PM using human bronchial epithelial BEAS-2B cells: Cytotoxicity, oxidative stress, pro-inflammatory response, genotoxicity, and cell cycle deregulation. <i>Environmental Research</i> , 2019 , 171, 510-522	7.9	45
45	Aided Phytoremediation to Clean Up Dioxins/Furans-Aged Contaminated Soil: correlation between microbial communities and pollutant dissipation. <i>Microorganisms</i> , 2019 , 7,	4.9	7
44	Physico-chemical characterization and in vitro inflammatory and oxidative potency of atmospheric particles collected in Dakar city (Senegal). <i>Environmental Pollution</i> , 2019 , 245, 568-581	9.3	9
43	Polycyclic aromatic hydrocarbon derivatives in airborne particulate matter: sources, analysis and toxicity. <i>Environmental Chemistry Letters</i> , 2018 , 16, 439-475	13.3	80
42	Chemical characterization of fine and ultrafine PM, direct and indirect genotoxicity of PM and their organic extracts on pulmonary cells. <i>Journal of Environmental Sciences</i> , 2018 , 71, 168-178	6.4	26
41	Ecotoxicity evaluation and human risk assessment of an agricultural polluted soil. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 738	3.1	8
40	Influence of aging in the modulation of epigenetic biomarkers of carcinogenesis after exposure to air pollution. <i>Experimental Gerontology</i> , 2018 , 110, 125-132	4.5	5
39	Nature of fly ash amendments differently influences oxidative stress alleviation in four forest tree species and metal trace element phytostabilization in aged contaminated soil: A long-term field experiment. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 138, 190-198	7	17
38	Fine and ultrafine atmospheric particulate matter at a multi-influenced urban site: Physicochemical characterization, mutagenicity and cytotoxicity. <i>Environmental Pollution</i> , 2017 , 221, 130-140	9.3	54
37	Essential oil components decrease pulmonary and hepatic cells inflammation induced by air pollution particulate matter. <i>Environmental Chemistry Letters</i> , 2016 , 14, 345-351	13.3	14
36	Chemical characteristics of PM _{2.5-0.3} and PM _{0.3} and consequence of a dust storm episode at an urban site in Lebanon. <i>Atmospheric Research</i> , 2016 , 180, 274-286	5.4	20
35	Sustainability of an in situ aided phytostabilisation on highly contaminated soils using fly ashes: Effects on the vertical distribution of physicochemical parameters and trace elements. <i>Journal of Environmental Management</i> , 2016 , 171, 204-216	7.9	15
34	In vitro short-term exposure to air pollution PM _{2.5-0.3} induced cell cycle alterations and genetic instability in a human lung cell coculture model. <i>Environmental Research</i> , 2016 , 147, 146-58	7.9	41

33	Characterisation and seasonal variations of particles in the atmosphere of rural, urban and industrial areas: Organic compounds. <i>Journal of Environmental Sciences</i> , 2016 , 44, 45-56	6.4	35
32	Temporal-spatial variations of the physicochemical characteristics of air pollution Particulate Matter (PM _{2.5-0.3}) and toxicological effects in human bronchial epithelial cells (BEAS-2B). <i>Environmental Research</i> , 2015 , 137, 256-67	7.9	82
31	Effects of environmental cadmium and lead exposure on adults neighboring a discharge: Evidences of adverse health effects. <i>Environmental Pollution</i> , 2015 , 206, 247-55	9.3	51
30	Comparison between ultrafine and fine particulate matter collected in Lebanon: Chemical characterization, in vitro cytotoxic effects and metabolizing enzymes gene expression in human bronchial epithelial cells. <i>Environmental Pollution</i> , 2015 , 205, 250-60	9.3	28
29	Is the arbuscular mycorrhizal fungus <i>Rhizophagus irregularis</i> able to fulfil its life cycle in the presence of diesel pollution?. <i>International Biodeterioration and Biodegradation</i> , 2015 , 105, 58-65	4.8	13
28	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. <i>Environmental Research</i> , 2015 , 136, 352-62	7.9	52
27	Arbuscular mycorrhizal fungal inoculation protects <i>Miscanthus giganteus</i> against trace element toxicity in a highly metal-contaminated site. <i>Science of the Total Environment</i> , 2015 , 527-528, 91-9	10.2	45
26	Proinflammatory effects and oxidative stress within human bronchial epithelial cells exposed to atmospheric particulate matter (PM _{2.5} and PM _{>2.5}) collected from Cotonou, Benin. <i>Environmental Pollution</i> , 2014 , 185, 340-51	9.3	116
25	Xenobiotic metabolism induction and bulky DNA adducts generated by particulate matter pollution in BEAS-2B cell line: geographical and seasonal influence. <i>Journal of Applied Toxicology</i> , 2014 , 34, 703-13 ^{4.1}		22
24	Polycyclic aromatic hydrocarbons within airborne particulate matter (PM _{2.5}) produced DNA bulky stable adducts in a human lung cell coculture model. <i>Journal of Applied Toxicology</i> , 2013 , 33, 109-19	4.1	39
23	Relationship between physicochemical characterization and toxicity of fine particulate matter (PM _{2.5}) collected in Dakar city (Senegal). <i>Environmental Research</i> , 2012 , 113, 1-13	7.9	58
22	Prooxidant and proinflammatory potency of air pollution particulate matter (PM _{2.5}) produced in rural, urban, or industrial surroundings in human bronchial epithelial cells (BEAS-2B). <i>Chemical Research in Toxicology</i> , 2012 , 25, 904-19	4	102
21	Assessment of fly ash-aided phytostabilisation of highly contaminated soils after an 8-year field trial Part 2. Influence on plants. <i>Science of the Total Environment</i> , 2011 , 409, 4504-10	10.2	50
20	Influence of fly ash aided phytostabilisation of Pb, Cd and Zn highly contaminated soils on <i>Lolium perenne</i> and <i>Trifolium repens</i> metal transfer and physiological stress. <i>Environmental Pollution</i> , 2011 , 159, 1721-9	9.3	57
19	Metabolic Activation of the Organic Fraction Coated-Onto Air Pollution PM _{2.5} and its Genotoxicity in a Co-Culture Model of Human Lung Cells. <i>Advanced Materials Research</i> , 2011 , 324, 473-476	0.5	
18	Toxicological Impact of Air Pollution Particulate Matter (PM _{2.5}) Collected under Urban, Industrial or Rural Influence: Occurrence of Oxidative Stress and Inflammatory Reaction in BEAS-2B Human Bronchial Epithelial Cells (Corrected Version). <i>Advanced Materials Research</i> , 2011 , 324, 489-492	0.5	5
17	Caractérisation physico-chimique et effets cytotoxiques de particules atmosphériques PM _{2.5} de la ville de Dakar (Sénégal). <i>Toxicologie Analytique Et Clinique</i> , 2011 , 23, 157-167	0.4	2
16	Oxidative damage induced in A549 cells by physically and chemically characterized air particulate matter (PM _{2.5}) collected in Abidjan, Côte d'Ivoire. <i>Journal of Applied Toxicology</i> , 2010 , 30, 310-20	4.1	44

15	Arbuscular mycorrhiza partially protect chicory roots against oxidative stress induced by two fungicides, fenpropimorph and fenhexamid. <i>Mycorrhiza</i> , 2010 , 20, 167-78	3.9	26
14	Occurrence of molecular abnormalities of cell cycle in L132 cells after in vitro short-term exposure to air pollution PM(2.5). <i>Chemico-Biological Interactions</i> , 2010 , 188, 558-65	5	23
13	Seasonal and annual variations of metal uptake, bioaccumulation, and toxicity in <i>Trifolium repens</i> and <i>Lolium perenne</i> growing in a heavy metal-contaminated field. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 42-53	5.1	62
12	Mycorrhization alleviates benzo[a]pyrene-induced oxidative stress in an in vitro chicory root model. <i>Phytochemistry</i> , 2009 , 70, 1421-7	4	53
11	Air pollution particulate matter (PM2.5)-induced gene expression of volatile organic compound and/or polycyclic aromatic hydrocarbon-metabolizing enzymes in an in vitro coculture lung model. <i>Toxicology in Vitro</i> , 2009 , 23, 37-46	3.6	46
10	Role of air pollution Particulate Matter (PM2.5) in the occurrence of loss of heterozygosity in multiple critical regions of 3p chromosome in human epithelial lung cells (L132). <i>Toxicology Letters</i> , 2009 , 187, 172-9	4.4	30
9	In vitro evaluation of the oxidative stress and genotoxic potentials of anthracene on mycorrhizal chicory roots. <i>Environmental and Experimental Botany</i> , 2008 , 64, 120-127	5.9	48
8	Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM 2.5) in human lung epithelial A549 cells. <i>Cancer Letters</i> , 2008 , 270, 144-55	9.9	78
7	Gene expression induction of volatile organic compound and/or polycyclic aromatic hydrocarbon-metabolizing enzymes in isolated human alveolar macrophages in response to airborne particulate matter (PM2.5). <i>Toxicology</i> , 2008 , 244, 220-30	4.4	34
6	Role of nuclear factor-kappa B activation in the adverse effects induced by air pollution particulate matter (PM2.5) in human epithelial lung cells (L132) in culture. <i>Journal of Applied Toxicology</i> , 2007 , 27, 284-90	4.1	77
5	Ambient particulate matter (PM2.5): physicochemical characterization and metabolic activation of the organic fraction in human lung epithelial cells (A549). <i>Environmental Research</i> , 2007 , 105, 212-23	7.9	123
4	Effect of the high polycyclic aromatic hydrocarbon, benzo[a]pyrene, on the lipid content of <i>Fusarium solani</i> . <i>Mycological Research</i> , 2006 , 110, 479-84		9
3	Polycyclic aromatic hydrocarbons storage by <i>Fusarium solani</i> in intracellular lipid vesicles. <i>Environmental Pollution</i> , 2005 , 133, 283-91	9.3	65
2	Effect of the polycyclic aromatic hydrocarbon, benzo[a]pyrene, on the intracellular protein composition of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> . <i>International Biodeterioration and Biodegradation</i> , 2005 , 55, 171-174	4.8	5
1	Degradation of benzo[a]pyrene by mitosporic fungi and extracellular oxidative enzymes. <i>International Biodeterioration and Biodegradation</i> , 2004 , 53, 65-70	4.8	91