

# Verdin Anthony

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8827098/verdin-anthony-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Ambient particulate matter (PM <sub>2.5</sub> ): physicochemical characterization and metabolic activation of the organic fraction in human lung epithelial cells (A549). <i>Environmental Research</i> , <b>2007</b> , 105, 212-23	7.9	123
49	Proinflammatory effects and oxidative stress within human bronchial epithelial cells exposed to atmospheric particulate matter (PM <sub>2.5</sub> and PM <sub>&gt;2.5</sub> ) collected from Cotonou, Benin. <i>Environmental Pollution</i> , <b>2014</b> , 185, 340-51	9.3	116
48	Prooxidant and proinflammatory potency of air pollution particulate matter (PM <sub>10</sub> ) produced in rural, urban, or industrial surroundings in human bronchial epithelial cells (BEAS-2B). <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 904-19	4	102
47	Degradation of benzo[a]pyrene by mitosporic fungi and extracellular oxidative enzymes. <i>International Biodeterioration and Biodegradation</i> , <b>2004</b> , 53, 65-70	4.8	91
46	Temporal-spatial variations of the physicochemical characteristics of air pollution Particulate Matter (PM <sub>2.5-0.3</sub> ) and toxicological effects in human bronchial epithelial cells (BEAS-2B). <i>Environmental Research</i> , <b>2015</b> , 137, 256-67	7.9	82
45	Polycyclic aromatic hydrocarbon derivatives in airborne particulate matter: sources, analysis and toxicity. <i>Environmental Chemistry Letters</i> , <b>2018</b> , 16, 439-475	13.3	80
44	Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM <sub>2.5</sub> ) in human lung epithelial A549 cells. <i>Cancer Letters</i> , <b>2008</b> , 270, 144-55	9.9	78
43	Role of nuclear factor-kappa B activation in the adverse effects induced by air pollution particulate matter (PM <sub>2.5</sub> ) in human epithelial lung cells (L132) in culture. <i>Journal of Applied Toxicology</i> , <b>2007</b> , 27, 284-90	4.1	77
42	Polycyclic aromatic hydrocarbons storage by <i>Fusarium solani</i> in intracellular lipid vesicles. <i>Environmental Pollution</i> , <b>2005</b> , 133, 283-91	9.3	65
41	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> , <b>2009</b> , 16, 42-53	5.1	62
40	Relationship between physicochemical characterization and toxicity of fine particulate matter (PM <sub>2.5</sub> ) collected in Dakar city (Senegal). <i>Environmental Research</i> , <b>2012</b> , 113, 1-13	7.9	58
39	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> , <b>2011</b> , 159, 1721-9	9.3	57
38	Fine and ultrafine atmospheric particulate matter at a multi-influenced urban site: Physicochemical characterization, mutagenicity and cytotoxicity. <i>Environmental Pollution</i> , <b>2017</b> , 221, 130-140	9.3	54
37	Mycorrhization alleviates benzo[a]pyrene-induced oxidative stress in an in vitro chicory root model. <i>Phytochemistry</i> , <b>2009</b> , 70, 1421-7	4	53
36	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. <i>Environmental Research</i> , <b>2015</b> , 136, 352-62	7.9	52
35	Effects of environmental cadmium and lead exposure on adults neighboring a discharge: Evidences of adverse health effects. <i>Environmental Pollution</i> , <b>2015</b> , 206, 247-55	9.3	51
34	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> , <b>2011</b> , 409, 4504-10	10.2	50

33	In vitro evaluation of the oxidative stress and genotoxic potentials of anthracene on mycorrhizal chicory roots. <i>Environmental and Experimental Botany</i> , <b>2008</b> , 64, 120-127	5.9	48
32	Air pollution particulate matter (PM <sub>2.5</sub> )-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> , <b>2009</b> , 23, 37-46	3.6	46
31	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> , <b>2019</b> , 171, 510-522	7.9	45
30	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> , <b>2015</b> , 527-528, 91-9	10.2	45
29	Oxidative damage induced in A549 cells by physically and chemically characterized air particulate matter (PM <sub>2.5</sub> ) collected in Abidjan, Côte d'Ivoire. <i>Journal of Applied Toxicology</i> , <b>2010</b> , 30, 310-20	4.1	44
28	In vitro short-term exposure to air pollution PM <sub>2.5-0.3</sub> induced cell cycle alterations and genetic instability in a human lung cell coculture model. <i>Environmental Research</i> , <b>2016</b> , 147, 146-58	7.9	41
27	Polycyclic aromatic hydrocarbons within airborne particulate matter (PM <sub>2.5</sub> ) produced DNA bulky stable adducts in a human lung cell coculture model. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 109-19	4.1	39
26	Characterisation and seasonal variations of particles in the atmosphere of rural, urban and industrial areas: Organic compounds. <i>Journal of Environmental Sciences</i> , <b>2016</b> , 44, 45-56	6.4	35
25	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 (PM <sub>2.5</sub> ). <i>Toxicology</i> , <b>2008</b> , 244, 220-30	4.4	34
24	Role of air pollution Particulate Matter (PM <sub>2.5</sub> ) in the occurrence of loss of heterozygosity in multiple critical regions of 3p chromosome in human epithelial lung cells (L132). <i>Toxicology Letters</i> , <b>2009</b> , 187, 172-9	4.4	30
23	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> , <b>2015</b> , 205, 250-60	9.3	28
22	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> , <b>2018</b> , 71, 168-178	6.4	26
21	Arbuscular mycorrhiza partially protect chicory roots against oxidative stress induced by two fungicides, fenpropimorph and fenhexamid. <i>Mycorrhiza</i> , <b>2010</b> , 20, 167-78	3.9	26
20	Occurrence of molecular abnormalities of cell cycle in L132 cells after in vitro short-term exposure to air pollution PM <sub>2.5</sub> . <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 558-65	5	23
19	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> , <b>2014</b> , 34, 703-134.1	4.1	22
18	Chemical characteristics of PM <sub>2.5-0.3</sub> and PM <sub>0.3</sub> and consequence of a dust storm episode at an urban site in Lebanon. <i>Atmospheric Research</i> , <b>2016</b> , 180, 274-286	5.4	20
17	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> , <b>2017</b> , 138, 190-198	7	17
16	An in vitro model to evaluate the impact of environmental fine particles (PM) on skin damage. <i>Toxicology Letters</i> , <b>2019</b> , 305, 94-102	4.4	17

15	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> , <b>2016</b> , 171, 204-216	7.9	15
14	Toxicity of fine and quasi-ultrafine particles: Focus on the effects of organic extractable and non-extractable matter fractions. <i>Chemosphere</i> , <b>2020</b> , 243, 125440	8.4	15
13	Essential oil components decrease pulmonary and hepatic cells inflammation induced by air pollution particulate matter. <i>Environmental Chemistry Letters</i> , <b>2016</b> , 14, 345-351	13.3	14
12	Essential Oil Chemical Polymorphism According to Soil Type. <i>Foods</i> , <b>2019</b> , 8,	4.9	13
11	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> , <b>2015</b> , 105, 58-65	4.8	13
10	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> , <b>2020</b> , 263, 114620	9.3	9
9	Effect of the high polycyclic aromatic hydrocarbon, benzo[a]pyrene, on the lipid content of <i>Fusarium solani</i> . <i>Mycological Research</i> , <b>2006</b> , 110, 479-84		9
8	Physico-chemical characterization and in vitro inflammatory and oxidative potency of atmospheric particles collected in Dakar city (Senegal). <i>Environmental Pollution</i> , <b>2019</b> , 245, 568-581	9.3	9
7	Ecotoxicity evaluation and human risk assessment of an agricultural polluted soil. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 738	3.1	8
6	Aided Phytoremediation to Clean Up Dioxins/Furans-Aged Contaminated Soil: correlation between microbial communities and pollutant dissipation. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	7
5	Toxicological Impact of Air Pollution Particulate Matter (PM2.5) 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> , <b>2011</b> , 324, 489-492	0.5	5
4	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> , <b>2005</b> , 55, 171-174	4.8	5
3	Influence of aging in the modulation of epigenetic biomarkers of carcinogenesis after exposure to air pollution. <i>Experimental Gerontology</i> , <b>2018</b> , 110, 125-132	4.5	5
2	Caractérisation physico-chimique et effets cytotoxiques de particules atmosphériques PM2,5 de la ville de Dakar (Sénégal). <i>Toxicologie Analytique Et Clinique</i> , <b>2011</b> , 23, 157-167	0.4	2
1	Metabolic Activation of the Organic Fraction Coated-Onto Air Pollution PM2.5 and its Genotoxicity in a Co-Culture Model of Human Lung Cells. <i>Advanced Materials Research</i> , <b>2011</b> , 324, 473-476	0.5	