

Katrien Poels

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9287107/publications.pdf>

Version: 2024-02-01

34
papers

858
citations

623734

14
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Placental DNA hypomethylation in association with particulate air pollution in early life. <i>Particle and Fibre Toxicology</i> , 2013, 10, 22.	6.2	161
2	Monomer elution in relation to degree of conversion for different types of composite. <i>Journal of Dentistry</i> , 2015, 43, 1448-1455.	4.1	60
3	Global Methylation and Hydroxymethylation in DNA from Blood and Saliva in Healthy Volunteers. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	58
4	Differences in MWCNT- and SWCNT-induced DNA methylation alterations in association with the nuclear deposition. <i>Particle and Fibre Toxicology</i> , 2018, 15, 11.	6.2	57
5	Epigenetic Factors in Cancer Risk: Effect of Chemical Carcinogens on Global DNA Methylation Pattern in Human TK6 Cells. <i>PLoS ONE</i> , 2012, 7, e34674.	2.5	57
6	Changes in DNA Methylation in Mouse Lungs after a Single Intra-Tracheal Administration of Nanomaterials. <i>PLoS ONE</i> , 2017, 12, e0169886.	2.5	47
7	Epigenetic effects of carbon nanotubes in human monocytic cells. <i>Mutagenesis</i> , 2017, 32, 181-191.	2.6	46
8	Changes in DNA methylation induced by multi-walled carbon nanotube exposure in the workplace. <i>Nanotoxicology</i> , 2017, 11, 1195-1210.	3.0	41
9	Microprobe Speciation Analysis of Inorganic Solids by Fourier Transform Laser Mass Spectrometry. <i>Analytical Chemistry</i> , 1998, 70, 504-512.	6.5	36
10	Pulmonary and hemostatic toxicity of multi-walled carbon nanotubes and zinc oxide nanoparticles after pulmonary exposure in Bmal1 knockout mice. <i>Particle and Fibre Toxicology</i> , 2014, 11, 61.	6.2	34
11	HBM4EU chromates study - Overall results and recommendations for the biomonitoring of occupational exposure to hexavalent chromium. <i>Environmental Research</i> , 2022, 204, 111984.	7.5	32
12	Fourier transform laser microprobe mass spectrometry for the molecular identification of inorganic compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 482-497.	2.8	29
13	Epigenetic changes in lymphocytes of solvent-exposed individuals. <i>Epigenomics</i> , 2012, 4, 269-277.	2.1	21
14	LASER MICROPROBE MASS SPECTROMETRY: PRINCIPLE AND APPLICATIONS IN BIOLOGY AND MEDICINE. <i>Cell Biology International</i> , 1997, 21, 635-648.	3.0	20
15	Systematic review of biomonitoring data on occupational exposure to hexavalent chromium. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113799.	4.3	16
16	A Method to Quantitatively Assess Dermal Exposure to Volatile Organic Compounds. <i>Annals of Work Exposures and Health</i> , 2017, 61, 975-985.	1.4	15
17	HBM4EU Occupational Biomonitoring Study on e-Waste – Study Protocol. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12987.	2.6	14
18	Nanoparticles in the lungs of old mice: Pulmonary inflammation and oxidative stress without procoagulant effects. <i>Science of the Total Environment</i> , 2018, 644, 907-915.	8.0	13

#	ARTICLE	IF	CITATIONS
19	Assessment of the absorbed dose after exposure to surgical smoke in an operating room. <i>Toxicology Letters</i> , 2020, 328, 45-51.	0.8	13
20	HBM4EU Chromates Study: Determinants of Exposure to Hexavalent Chromium in Plating, Welding and Other Occupational Settings. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3683.	2.6	13
21	Untargeted DNA-Demethylation Therapy Neither Prevents Nor Attenuates Ischemia-Reperfusion-Induced Renal Fibrosis. <i>Nephron</i> , 2017, 137, 124-136.	1.8	12
22	Biomass smoke exposure as an occupational risk: cross-sectional study of respiratory health of women working as street cooks in Nigeria. <i>Occupational and Environmental Medicine</i> , 2017, 74, 737-744.	2.8	10
23	Feasibility of Fourier Transform Laser Microprobe Mass Spectrometry for the Analysis of Lubricating Emulsions on Rolled Aluminium. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1351-1360.	1.5	9
24	Molecular Identification of Foreign Inclusions in Inflammatory Tissue Surrounding Metal Implants by Fourier Transform Laser Microprobe Mass Spectrometry. <i>Pathology Research and Practice</i> , 1997, 193, 313-318.	2.3	9
25	Environmental Contamination and Occupational Exposure of Algerian Hospital Workers. <i>Frontiers in Public Health</i> , 2020, 8, 374.	2.7	7
26	HBM4EU chromates study - Usefulness of measurement of blood chromium levels in the assessment of occupational Cr(VI) exposure.. <i>Environmental Research</i> , 2022, 214, 113758.	7.5	7
27	Integrated evaluation of solvent exposure in an occupational setting: air, dermal and bio-monitoring. <i>Toxicology Letters</i> , 2018, 298, 150-157.	0.8	6
28	An alternative method to assess permeation through disposable gloves. <i>Journal of Hazardous Materials</i> , 2021, 411, 125045.	12.4	5
29	HBM4EU Chromates Study: Urinary Metabolomics Study of Workers Exposed to Hexavalent Chromium. <i>Metabolites</i> , 2022, 12, 362.	2.9	5
30	Exploratory analysis of the human breast DNA methylation profile upon soymilk exposure. <i>Scientific Reports</i> , 2018, 8, 13617.	3.3	3
31	Response to Cherrie Letter, "How to Quantitatively Assess Dermal Exposure to Volatile Organic Compounds". <i>Annals of Work Exposures and Health</i> , 2018, 62, 255-256.	1.4	1
32	The Parental Pesticide and Offspring's Epigenome Study: Towards an Integrated Use of Human Biomonitoring of Exposure and Effect Biomarkers. <i>Toxics</i> , 2021, 9, 332.	3.7	1
33	O18-1-...Epigenetic effects of occupational exposure to carbon nanotubes. , 2016, , .		0
34	855-...Dermal exposure to diisocyanates: development and validation of an analytical method for accurately assessment of very low levels of exposure. , 2018, , .		0