

Bo Strandberg

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,161
citations

430874

18
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of urban vegetation on air pollution and noise exposure – A case study in Gothenburg, Sweden. <i>Science of the Total Environment</i> , 2017, 599-600, 1728-1739.	8.0	122
2	Observations on persistent organic pollutants in indoor and outdoor air using passive polyurethane foam samplers. <i>Atmospheric Environment</i> , 2008, 42, 7234-7241.	4.1	108
3	Use of Depuration Compounds in Passive Air Samplers: Results from Active Sampling-Supported Field Deployment, Potential Uses, and Recommendations. <i>Environmental Science & Technology</i> , 2009, 43, 3227-3232.	10.0	76
4	Dialysis with Semipermeable Membranes as an Efficient Lipid Removal Method in the Analysis of Bioaccumulative Chemicals. <i>Analytical Chemistry</i> , 1998, 70, 526-533.	6.5	70
5	Occupational and indoor air exposure to persistent organic pollutants: A review of passive sampling techniques and needs. <i>Journal of Environmental Monitoring</i> , 2007, 9, 501.	2.1	63
6	Effects on airways of short-term exposure to two kinds of wood smoke in a chamber study of healthy humans. <i>Inhalation Toxicology</i> , 2012, 24, 47-59.	1.6	63
7	Urban PM _{2.5} Induces Cellular Toxicity, Hormone Dysregulation, Oxidative Damage, Inflammation, and Mitochondrial Interference in the HRT8 Trophoblast Cell Line. <i>Frontiers in Endocrinology</i> , 2020, 11, 75.	3.5	62
8	Organophosphate esters in dust samples collected from Danish homes and daycare centers. <i>Chemosphere</i> , 2016, 154, 559-566.	8.2	61
9	Simulated Restaurant Cook Exposure to Emissions of PAHs, Mutagenic Aldehydes, and Particles from Frying Bacon. <i>Journal of Occupational and Environmental Hygiene</i> , 2013, 10, 122-131.	1.0	57
10	Field Evaluation of Polyurethane Foam Passive Air Samplers to Assess Airborne PAHs in Occupational Environments. <i>Environmental Science & Technology</i> , 2010, 44, 749-754.	10.0	54
11	Exposure of trophoblast cells to fine particulate matter air pollution leads to growth inhibition, inflammation and ER stress. <i>PLoS ONE</i> , 2019, 14, e0218799.	2.5	53
12	Semipermeable Membrane Devices as Passive Samplers To Determine Organochlorine Pollutants in Compost. <i>Environmental Science & Technology</i> , 1997, 31, 2960-2965.	10.0	39
13	Evaluation of polyurethane foam passive air sampler (PUF) as a tool for occupational PAH measurements. <i>Chemosphere</i> , 2018, 190, 35-42.	8.2	38
14	Field evaluation of a passive personal air sampler for screening of PAH exposure in workplaces. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1437.	2.1	32
15	Exposure to wood smoke particles leads to inflammation, disrupted proliferation and damage to cellular structures in a human first trimester trophoblast cell line. <i>Environmental Pollution</i> , 2020, 264, 114790.	7.5	24
16	The use of semipermeable membrane devices as passive samplers to determine persistent organic compounds in indoor air. <i>Journal of Environmental Monitoring</i> , 2006, 8, 257-262.	2.1	23
17	Airborne and Dermal Exposure to Polycyclic Aromatic Hydrocarbons, Volatile Organic Compounds, and Particles among Firefighters and Police Investigators. <i>Annals of Work Exposures and Health</i> , 2019, 63, 533-545.	1.4	22
18	Exposure, respiratory symptoms, lung function and inflammation response of road-paving asphalt workers. <i>Occupational and Environmental Medicine</i> , 2018, 75, 494-500.	2.8	20

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19	The pro-inflammatory effects of particulate matter on epithelial cells are associated with elemental composition. <i>Chemosphere</i> , 2018, 202, 530-537.	8.2	18
20	Emissions into the Air from Bitumen and Rubber Bitumenâ€™Implications for Asphalt Workersâ€™™ Exposure. <i>Annals of Work Exposures and Health</i> , 2018, 62, 828-839.	1.4	18
21	Effect of Renewable Fuels and Intake O2 Concentration on Diesel Engine Emission Characteristics and Reactive Oxygen Species (ROS) Formation. <i>Atmosphere</i> , 2020, 11, 641.	2.3	17
22	Emission factors and composition of PM2.5 from laboratory combustion of five Western Australian vegetation types. <i>Science of the Total Environment</i> , 2020, 703, 134796.	8.0	14
23	Polycyclic aromatic hydrocarbon (PAH) accumulation in <i>Quercus palustris</i> and <i>Pinus nigra</i> in the urban landscape of Gothenburg, Sweden. <i>Science of the Total Environment</i> , 2022, 805, 150163.	8.0	14
24	The Use of Polyurethane Foam (PUF) Passive Air Samplers in Exposure Studies to PAHs in Swedish Seafarers. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 448-459.	2.6	13
25	Evaluation of three types of passive samplers for measuring 1,3-butadiene and benzene at workplaces. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1008-1014.	3.5	12
26	An improved method for determining dermal exposure to polycyclic aromatic hydrocarbons. <i>Chemosphere</i> , 2018, 198, 274-280.	8.2	12
27	Emissions of soot, PAHs, ultrafine particles, NO _x and other health relevant compounds from stressed burning of candles in indoor air. <i>Indoor Air</i> , 2021, 31, 2033-2048.	4.3	11
28	Organochlorine pesticides and polychlorinated biphenyls in household composts and earthworms (<i>Eisenia foetida</i>). <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1157-1163.	4.3	10
29	OUP accepted manuscript. <i>Annals of Work Exposures and Health</i> , 2017, 61, 152-163.	1.4	8
30	Roof cavity dust as an exposure proxy for extreme air pollution events. <i>Chemosphere</i> , 2020, 244, 125537.	8.2	8
31	Biomarkers after Controlled Inhalation Exposure to Exhaust from Hydrogenated Vegetable Oil (HVO). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6492.	2.6	7
32	Lung function and self-rated symptoms in healthy volunteers after exposure to hydrotreated vegetable oil (HVO) exhaust with and without particles. <i>Particle and Fibre Toxicology</i> , 2022, 19, 9.	6.2	6
33	Underground emissions and minersâ€™™ personal exposure to diesel and renewable diesel exhaust in a Swedish iron ore mine. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1369-1388.	2.3	6
34	O1D.1â€™...Dermal PAH exposure in swedish firefighters and police forensic investigators â€™™ preliminary results from tape stripping on wrist and collarbone. <i>Occupational and Environmental Medicine</i> , 2019, 76, A9.1-A9.	2.8	0