Leena A Nylander-French

List of Publications by Year
in descending order

77	1,637	304743	345221
papers	citations	22 h-index	36 g-index

79	79	79	1577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occupational exposure to crystalline silica and risk of systemic lupus erythematosus: A population-based, case-control study in the Southeastern United States. Arthritis and Rheumatism, 2002, 46, 1840-1850.	6.7	176
2	Association of Silica Exposure with Antiâ€“Neutrophil Cytoplasmic Autoantibody Small-Vessel Vasculitis: A Population-Based, Case-Control Study. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 290-299.	4.5	112
3	Electromagnetic Fields, Polychlorinated Biphenyls, and Prostate Cancer Mortality in Electric Utility Workers. American Journal of Epidemiology, 2003, 157, 683-691.	3.4	68
4	Occupational Silica Exposure and Chronic Kidney Disease. Renal Failure, 2012, 34, 40-46.	2.1	57
5	Self-Report Versus Ultrasound Measurement of Uterine Fibroid Status. Journal of Women's Health, 2012, 21, 285-293.	3.3	52
6	Quantifying the Relative Importance of Predictors in Multiple Linear Regression Analyses for Public Health Studies. Journal of Occupational and Environmental Hygiene, 2008, 5, 519-529.	1.0	48
7	Dermal absorption and penetration of jet fuel components in humans. Toxicology Letters, 2006, 165, 11-21.	0.8	46
8	Determination of Keratin Protein in a Tape-stripped Skin Sample from Jet Fuel Exposed Skin. Annals of Occupational Hygiene, 2004, 48, 65-73.	1.9	45
9	Dermal Exposure to Jet Fuel JP-8 Significantly Contributes to the Production of Urinary Naphthols in Fuel-Cell Maintenance Workers. Environmental Health Perspectives, 2006, 114, 182-185.	6.0	42
10	A tape-stripping method for measuring dermal exposure to multifunctional acrylates. Annals of Occupational Hygiene, 2000, 44, 645-651.	1.9	41
11	Population-Based Case-Control Study of Occupational Exposure to Electromagnetic Fields and Breast Cancer. Annals of Epidemiology, 2001, 11, 297-303.	1.9	41
12	Quantitative monitoring of dermal and inhalation exposure to 1,6-hexamethylene diisocyanate monomer and oligomers. Journal of Environmental Monitoring, 2008, 10, 500.	2.1	39
13	Comparing Urinary Biomarkers of Airborne and Dermal Exposure to Polycyclic Aromatic Compounds in Asphalt-Exposed Workers. Annals of Occupational Hygiene, 2009, 53, 561-71.	1.9	39
14	Comparing Questionnaire-Based Methods to Assess Occupational Silica Exposure. Epidemiology, 2004, 15, 433-441.	2.7	35
15	Case-cohort analysis of brain cancer and leukemia in electric utility workers using a refined magnetic field job-exposure matrix. American Journal of Industrial Medicine, 2000, 38, 417-425.	2.1	33
16	Exposure to Respirable Crystalline Silica in Eastern North Carolina Farm Workers. AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety, 2002, 63, 750-755.	0.4	28
17	Estimating Dermal Exposure to Jet Fuel (Naphthalene) Using Adhesive Tape Strip Samples. Annals of Occupational Hygiene, 2004, 48, 139-46.	1.9	28
18	Quantification and Statistical Modelingâ€”Part I: Breathing-Zone Concentrations of Monomeric and Polymeric 1,6-Hexamethylene Diisocyanate. Annals of Occupational Hygiene, 2009, 53, 677-89.	1.9	28

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19	Tape-strip sampling for measuring dermal exposure to 1,6-hexamethylene diisocyanate. Scandinavian Journal of Work, Environment and Health, 2006, 32, 225-240.	3.4	28
20	Urine 1,6-Hexamethylene Diamine (HDA) Levels Among Workers Exposed to 1,6-Hexamethylene Diisocyanate (HDI). Annals of Occupational Hygiene, 2010, 54, 678-91.	1.9	26
21	Inorganic Arsenic as an Endocrine Disruptor: Modulation of the Glucocorticoid Receptor Pathway in Placental Cells via CpG Methylation. Chemical Research in Toxicology, 2019, 32, 493-499.	3.3	25
22	Refined PBPK model of aggregate exposure to methyl tertiary-butyl ether. Toxicology Letters, 2007, 169, 222-235.	0.8	24
23	Dermal Exposure to Jet Fuel (JP-8) in US Air Force Personnel. Annals of Occupational Hygiene, 2005, 49, 639-45.	1.9	23
24	Effect of creatinine and specific gravity normalization on urinary biomarker 1,6-hexamethylene diamine. Journal of Environmental Monitoring, 2010, 12, 591.	2.1	23
25	Tripropylene Glycol Diacrylate but Not Ethyl Acrylate Induces Skin Tumors in a Twenty-Week Short-Term Tumorigenesis Study in Tg.AC (v-Ha-ras) Mice. Toxicologic Pathology, 1998, 26, 476-483.	1.8	22
26	Development and application of quantitative methods for monitoring dermal and inhalation exposure to propiconazole. Journal of Environmental Monitoring, 2008, 10, 336.	2.1	22
27	Quantification and Statistical Modelingâ€"Part II: Dermal Concentrations of Monomeric and Polymeric 1,6-Hexamethylene Diisocyanate. Annals of Occupational Hygiene, 2009, 53, 691-702.	1.9	22
28	Assessing Exposure to Crystalline Silica from Farm Work: A Population-based Study in the Southeastern United States. Annals of Epidemiology, 2003, 13, 385-392.	1.9	21
29	Early Adoption of an Improved Household Energy System in Urban Rwanda. EcoHealth, 2019, 16, 7-20.	2.0	19
30	PBTK Modeling Demonstrates Contribution of Dermal and Inhalation Exposure Components to End-Exhaled Breath Concentrations of Naphthalene. Environmental Health Perspectives, 2007, 115, 894-901.	6.0	18
31	Effective Message Elements for Disclosures About Chemicals in Cigarette Smoke. Nicotine and Tobacco Research, 2018, 20, 1047-1054.	2.6	18
32	Quantitative Plasma Biomarker Analysis in HDI Exposure Assessment. Annals of Occupational Hygiene, 2010, 54, 41-54.	1.9	17
33	Airborne Isocyanate Exposures in the Collision Repair Industry and a Comparison to Occupational Exposure Limits. Journal of Occupational and Environmental Hygiene, 2012, 9, 329-339.	1.0	17
34	Animal production, insecticide use and self-reported symptoms and diagnoses of COPD, including chronic bronchitis, in the Agricultural Health Study. Environment International, 2019, 127, 764-772.	10.0	17
35	Biomarkers of nasal inflammation in wood-surface coating industry workers. , 1998, 33, 392-399.		16
36	Hemoglobin adducts in workers exposed to 1,6-hexamethylene diisocyanate. Biomarkers, 2011, 16, 261-270.	1.9	15

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37	Mortality and cancer incidence among underground uranium miners in the Czech Republic 1977â€“1992. Occupational and Environmental Medicine, 2019, 76, 511-518.	2.8	15
38	Radon and cancer mortality among underground uranium miners in the PÅ™Ãbram region of the Czech Republic. American Journal of Industrial Medicine, 2020, 63, 859-867.	2.1	15
39	A Dermatotoxicokinetic Model of Human Exposures to Jet Fuel. Toxicological Sciences, 2006, 93, 22-33.	3.1	14
40	Exposure to naphthalene induces naphthyl-keratin adducts in human epidermisin vitroandin vivo. Biomarkers, 2010, 15, 488-497.	1.9	14
41	Personal exposure to benzene from fuel emissions among commercial fishers: comparison of two-stroke, four-stroke and diesel engines. Journal of Exposure Science and Environmental Epidemiology, 2007, 17, 151-158.	3.9	13
42	Assessment of Worker Exposure in the Processing of Ultraviolet Radiation-Cured Acrylate Lacquer-Coated Wood Products. Journal of Occupational and Environmental Hygiene, 1994, 9, 962-976.	0.4	12
43	S-Arylcysteineâˆ'Keratin Adducts as Biomarkers of Human Dermal Exposure to Aromatic Hydrocarbons. Chemical Research in Toxicology, 2008, 21, 852-858.	3.3	12
44	Occupational exposure to HDI: Progress and challenges in biomarker analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2635-2642.	2.3	12
45	Factors affecting variability in the urinary biomarker 1,6-hexamethylene diamine in workers exposed to 1,6-hexamethylene diisocyanate. Journal of Environmental Monitoring, 2011, 13, 119-127.	2.1	12
46	Trisaminohexyl isocyanurate, a urinary biomarker of HDI isocyanurate exposure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1076, 117-129.	2.3	11
47	Survey of Dermal Protection in Washington State Collision Repair Industry. Journal of Occupational and Environmental Hygiene, 2011, 8, 551-560.	1.0	9
48	Development of a Sampling Patch to Measure Dermal Exposures to Monomeric and Polymeric 1,6-Hexamethylene Diisocyanate: A Pilot Study. Journal of Occupational and Environmental Hygiene, 2011, 8, 709-717.	1.0	9
49	Self-collected Breath Sampling for Monitoring Low-level Benzene Exposures among Automobile Mechanics. Annals of Occupational Hygiene, 0, , .	1.9	9
50	A Method for Monitoring Worker Exposure to Airborne Multifunctional Acrylates. Journal of Occupational and Environmental Hygiene, 1994, 9, 977-983.	0.4	8
51	Upper airway symptoms and function in wood surface coating industry workers. American Journal of Industrial Medicine, 1995, 28, 207-220.	2.1	8
52	Modeling Dermal Exposureâ€"An Illustration for Spray Painting Applications. Journal of Occupational and Environmental Hygiene, 2006, 3, 475-480.	1.0	8
53	Tape-stripping as a method for measuring dermal exposure to resin acids during wood pellet production. Journal of Environmental Monitoring, 2008, 10, 345.	2.1	8
54	Dose reconstruction for an occupational cohort at the Savannah River nuclear facility: evaluation of a hybrid method. Radiation Protection Dosimetry, 2008, 131, 188-197.	0.8	8

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55	Penetration patterns of monomeric and polymeric 1,6-hexamethylene diisocyanate monomer in human skin. Journal of Environmental Monitoring, 2012, 14, 951.	2.1	8
56	Estimated burden of disease attributable to selected occupational exposures in the United Arab Emirates. American Journal of Industrial Medicine, 2012, 55, 940-952.	2.1	8
57	A Physiologically Based Pharmacokinetic Model for Naphthalene With Inhalation and Skin Routes of Exposure. Toxicological Sciences, 2020, 177, 377-391.	3.1	8
58	Exposure to extremely low frequency magnetic fields among working women and homemakers. Annals of Occupational Hygiene, 2001, 45, 643-650.	1.9	7
59	Testing transformations for the linear mixed model. Computational Statistics and Data Analysis, 2007, 51, 4297-4307.	1.2	7
60	DNA methylation modifies urine biomarker levels in 1,6-hexamethylene diisocyanate exposed workers: A pilot study. Toxicology Letters, 2014, 231, 217-226.	0.8	7
61	Human Cytomegalovirus Infections Are Associated With Elevated Biomarkers of Vascular Injury. Frontiers in Cellular and Infection Microbiology, 2020, 10, 334.	3.9	7
62	The utility of naphthyl-keratin adducts as biomarkers for jet-fuel exposure. Biomarkers, 2011, 16, 590-599.	1.9	6
63	Mathematical description of the uptake of hydrocarbons in jet fuel into the stratum corneum of human volunteers. Toxicology Letters, 2008, 178, 146-151.	0.8	5
64	Single-Nucleotide Polymorphisms Associated with Skin Naphthylâ€“Keratin Adduct Levels in Workers Exposed to Naphthalene. Environmental Health Perspectives, 2012, 120, 857-864.	6.0	5
65	Influence of Genetic Variance on Biomarker Levels After Occupational Exposure to 1,6-Hexamethylene Diisocyanate Monomer and 1,6-Hexamethylene Diisocyanate Isocyanurate. Frontiers in Genetics, 2020, 11, 836.	2.3	5
66	Epigenetic Markers Are Associated With Differences in Isocyanate Biomarker Levels in Exposed Spray-Painters. Frontiers in Genetics, 2021, 12, 700636.	2.3	5
67	SYNTHESIS OFS-ARYL-D,L-CYSTEINES AND INCORPORATION INTO KERATIN SEQUENCES. Organic Preparations and Procedures International, 2003, 35, 375-382.	1.3	4
68	Physiologically based toxicokinetic models and their application in human exposure and internal dose assessment. Exs, 2009, 99, 37-55.	1.4	4
69	Field Comparison of Air Sampling Methods for Monomeric and Polymeric 1,6-Hexamethylene Diisocyanate. Journal of Occupational and Environmental Hygiene, 2011, 8, 161-178.	1.0	4
70	Assessment of Ultraviolet Radiation Exposure in the Wood Surface Coating Industry. Journal of Occupational and Environmental Hygiene, 1997, 12, 261-270.	0.4	3
71	A laboratory comparison of analytical methods used for isocyanates. Analytical Methods, 2011, 3, 2478.	2.7	3
72	Comparative in vitro cytotoxicity of ethyl acrylate and tripropylene glycol diacrylate to normal human skin and lung cells. In Vitro Cellular and Developmental Biology - Animal, 2000, 36, 611-616.	1.5	2

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73	Occupational Chemicals: Metabolism, Toxicity, and Mode of Action. Progress in Molecular Biology and Translational Science, 2012, 112, 163-207.	1.7	2
74	Review: Endogenously Produced Volatiles forIn VitroToxicity Testing Using Cell Lines. Applied in Vitro Toxicology, 2018, 4, 129-138.	1.1	2
75	Viability of cultured human skin cells treated with 1,6-hexamethylene diisocyanate monomer and its oligomer isocyanurate in different culture media. Scientific Reports, 2021, 11, 23804.	3.3	2
76	Volatile emissions from skin. , 2020, , 409-423.		1
77	Synthesis of FMOC-Protected S -arylcysteines and Modified Keratin Sequence Peptides as Specific Epitopes as Immunogens. Polycyclic Aromatic Compounds, 2002, 22, 239-248.	2.6	0