Dennis J Paustenbach

List of Publications by Year
in descending order

43 papers	1,363 citations	331259 21 h-index	344852 36 g-index
44 all docs	44 docs citations	44 times ranked	1503 citing authors

#	Article	IF	Citations
1	A review of the health hazards posed by cobalt. Critical Reviews in Toxicology, 2013, 43, 316-362.	1.9	180
2	Derivation of a chronic oral reference dose for cobalt. Regulatory Toxicology and Pharmacology, 2012, 64, 491-503.	1.3	104
3	Interpreting cobalt blood concentrations in hip implant patients. Clinical Toxicology, 2014, 52, 98-112.	0.8	68
4	Toxicology of wear particles of cobalt-chromium alloy metal-on-metal hip implants Part I: Physicochemical properties in patient and simulator studies. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1201-1215.	1.7	64
5	Dose-Response Relationships For Blood Cobalt Concentrations and Health Effects: A Review of the Literature and Application of a Biokinetic Model. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2012, 15, 493-523.	2.9	63
6	The toxicity of crude 4-methylcyclohexanemethanol (MCHM): review of experimental data and results of predictive models for its constituents and a putative metabolite. Critical Reviews in Toxicology, 2015, 45, 1-55.	1.9	59
7	An Evaluation of the Historical Exposures of Mechanics to Asbestos in Brake Dust. Journal of Occupational and Environmental Hygiene, 2003, 18, 786-804.	0.5	58
8	Inorganic cobalt supplementation: Prediction of cobalt levels in whole blood and urine using a biokinetic model. Food and Chemical Toxicology, 2012, 50, 2456-2461.	1.8	57
9	Environmental And Occupational Health Hazards Associated With The Presence Of Asbestos In Brake Linings and Pads (1900 To Present): A â€œState-of-the-Artâ€•Review. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2004, 7, 25-80.	2.9	53
10	Effects and blood concentrations of cobalt after ingestion of 1 mg/d by human volunteers for 90 d. American Journal of Clinical Nutrition, 2014, 99, 632-646.	2.2	45
11	Reconstruction of Benzene Exposure for the Pliofilm Cohort (1936-1976) Using Monte Carlo Techniques. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 677-781.	1.1	41
12	Evaluation of take home (para-occupational) exposure to asbestos and disease: a review of the literature. Critical Reviews in Toxicology, 2012, 42, 703-731.	1.9	41
13	Cobalt whole blood concentrations in healthy adult male volunteers following two-weeks of ingesting a cobalt supplement. Food and Chemical Toxicology, 2013, 53, 432-439.	1.8	41
14	Review of cobalt toxicokinetics following oral dosing: Implications for health risk assessments and metal-on-metal hip implant patients. Critical Reviews in Toxicology, 2015, 45, 367-387.	1.9	41
15	Toxicologyâ€based cancer causation analysis of CoCrâ€containing hip implants: a quantitative assessment of genotoxicity and tumorigenicity studies. Journal of Applied Toxicology, 2014, 34, 939-967.	1.4	38
16	Toxicology of wear particles of cobalt-chromium alloy metal-on-metal hip implants Part II: Importance of physicochemical properties and dose in animal and in vitro studies as a basis for risk assessment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1285-1298.	1.7	36
17	Cumulative asbestos exposure for US automobile mechanics involved in brake repair (circa) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	32
18	31-Day Study of Cobalt(II) Chloride Ingestion in Humans: Pharmacokinetics and Clinical Effects. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 1210-1224.	1.1	32

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19	Shanghai Health Study (2001â€“2009): What was learned about benzene health effects?. Critical Reviews in Toxicology, 2018, 48, 217-251.	1.9	31
20	Understanding outcomes and toxicological aspects of second generation metal-on-metal hip implants: a state-of-the-art review. Critical Reviews in Toxicology, 2018, 48, 839-887.	1.9	31
21	Characterization of wear debris from metalâ€onâ€metal hip implants during normal wear versus edgeâ€loading conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 986-996.	1.6	24
22	Evaluation of bystander exposures to asbestos in occupational settings: A review of the literature and application of a simple eddy diffusion model. Critical Reviews in Toxicology, 2011, 41, 50-72.	1.9	21
23	Government and Navy knowledge regarding health hazards of asbestos: A state of the science evaluation (1900 to 1970). Inhalation Toxicology, 2011, 23, 1-20.	0.8	18
24	Cobalt speciation assay for human serum, Part I. Method for measuring large and small molecular cobalt and protein-binding capacity using size exclusion chromatography with inductively coupled plasma-mass spectroscopy detection. Toxicological and Environmental Chemistry, 2013, 95, 687-708.	0.6	18
25	An evaluation of short-term exposures of brake mechanics to asbestos during automotive and truck brake cleaning and machining activities. Journal of Exposure Science and Environmental Epidemiology, 2009, 19, 458-474.	1.8	17
26	A Visual Historical Review of Exposure to Asbestos at Puget Sound Naval Shipyard (1962â€“1972). Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2009, 12, 124-156.	2.9	16
27	The Employerâ€™s Responsibility to Maintain a Safe and Healthful Work Environment: An Historical Review of Societal Expectations and Industrial Practices. Employee Responsibilities and Rights Journal, 2007, 19, 173-192.	0.6	15
28	Cobalt speciation assay for human serum, Part II. Method validation in a study of human volunteers ingesting cobalt(II) chloride dietary supplement for 90Âdays. Toxicological and Environmental Chemistry, 2013, 95, 709-718.	0.6	14
29	Correlation of blood Cr(III) and adverse health effects: Application of PBPK modeling to determine non-toxic blood concentrations. Critical Reviews in Toxicology, 2014, 44, 618-637.	1.9	12
30	History of knowledge and evolution of occupational health and regulatory aspects of asbestos exposure science: 1900â€“1975. Critical Reviews in Toxicology, 2017, 47, 286-316.	1.9	11
31	Risks associated with arsenic exposure resulting from the consumption of California wines sold in the United States. Food Chemistry, 2016, 211, 107-113.	4.2	10
32	Airborne asbestos take-home exposures during handling of chrysotile-contaminated clothing following simulated full shift workplace exposures. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 48-62.	1.8	10
33	Characteristics of Cobalt-Related Cardiomyopathy in Metal Hip Implant Patients: An Evaluation of 15 Published Reports. Cardiovascular Toxicology, 2018, 18, 206-220.	1.1	10
34	Airborne Concentrations of Asbestos Onboard Maritime Shipping Vessels (1978â€“1992). Annals of Occupational Hygiene, 2008, 52, 267-79.	1.9	9
35	Chromium speciation in the blood of metal-on-metal hip implant patients. Toxicological and Environmental Chemistry, 2017, 99, 48-64.	0.6	7
36	Evaluation of take-home exposure to asbestos from handling asbestos-contaminated worker clothing following the abrasive sawing of cement pipe. Inhalation Toxicology, 2017, 29, 555-566.	0.8	7

#	Article	IF	Citations
37	A preliminary evaluation of immune stimulation following exposure to metal particles and ions using the mouse popliteal lymph node assay. Toxicology and Applied Pharmacology, 2016, 308, 77-90.	1.3	5
38	Tier-based skin irritation testing of hair cleansing conditioners and their constituents. Cutaneous and Ocular Toxicology, 2019, 38, 44-47.	0.5	5
39	A Case-Control Study of Chronic Myelomonocytic Leukemia (CMML) in Shanghai, China: Evaluation of Risk Factors for CMML, With Special Focus on Benzene. Archives of Environmental and Occupational Health, 2012, 67, 206-218.	0.7	3
40	Authorsâ€™ Response to Letters to the Editor Re: Interpreting cobalt blood concentrations in hip implant patients. Clinical Toxicology, 2014, 52, 569-570.	0.8	2
41	The 2014 crude 4-methylcyclohexanemethanol chemical release and birth outcomes in West Virginia. Archives of Environmental and Occupational Health, 2018, 73, 292-301.	0.7	2
42	Re: Comments on Egilman's response to Hessel regarding the health hazards of brake dust and his reflections on corporate behavior. American Journal of Industrial Medicine, 2019, 62, 616-624.	1.0	2
43	Crude 4-methylcyclohexanemethanol (MCHM) did not cause skin irritation in humans in 48-h patch test. Cutaneous and Ocular Toxicology, 2017, 36, 351-355.	0.5	1