

# CITATION REPORT

List of articles citing

Fate of manganese associated with the inhalation of welding fumes: potential neurological effects

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| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 84 | Development of an animal model to study the potential neurotoxic effects associated with welding fume inhalation. <i>NeuroToxicology</i> , <b>2006</b> , 27, 745-51   | 4.4 | 10        |
| 83 | Manganese: a unique neuroimaging contrast agent. <i>Future Neurology</i> , <b>2007</b> , 2, 297-305   | 1.5 | 15        |
| 82 | State-of-the-science review: Does manganese exposure during welding pose a neurological risk?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2007</b> , 10, 417-65  | 8.6 | 76        |
| 81 | Nanomaterials and nanoparticles: sources and toxicity. <i>Biointerphases</i> , <b>2007</b> , 2, MR17-71   | 1.8 | 2132      |
| 80 | Tissue distribution of manganese in iron-sufficient or iron-deficient rats after stainless steel welding-fume exposure. <i>Inhalation Toxicology</i> , <b>2007</b> , 19, 563-72   | 2.7 | 14        |
| 79 | Effect of short-term stainless steel welding fume inhalation exposure on lung inflammation, injury, and defense responses in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 223, 234-45   | 4.6 | 73        |
| 78 | Production of ozone and reactive oxygen species after welding. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2007</b> , 53, 513-8  | 3.2 | 33        |
| 77 | Longitudinal study on potential neurotoxic effects of aluminium: I. Assessment of exposure and neurobehavioural performance of Al welders in the train and truck construction industry over 4 years. <i>International Archives of Occupational and Environmental Health</i> , <b>2007</b> , 81, 41-67 | 3.2 | 31        |
| 76 | Cerebrospinal fluid to brain transport of manganese in a non-human primate revealed by MRI. <i>Brain Research</i> , <b>2008</b> , 1198, 160-70  | 3.7 | 64        |
| 75 | Deposition of inhaled nanoparticles in the rat nasal passages: dose to the olfactory region. <i>Inhalation Toxicology</i> , <b>2009</b> , 21, 1165-75   | 2.7 | 48        |
| 74 | Grain size, chemistry, and structure of fine and ultrafine particles in stainless steel welding fumes. <i>Journal of Aerosol Science</i> , <b>2009</b> , 40, 938-949  | 4.3 | 31        |
| 73 | High signal intensity on magnetic resonance imaging is a better predictor of neurobehavioral performances than blood manganese in asymptomatic welders. <i>NeuroToxicology</i> , <b>2009</b> , 30, 555-63   | 4.4 | 65        |
| 72 | Mild steel welding fume causes manganese accumulation and subtle neuroinflammatory changes but not overt neuronal damage in discrete brain regions of rats after short-term inhalation exposure. <i>NeuroToxicology</i> , <b>2009</b> , 30, 915-25  | 4.4 | 50        |
| 71 | Subacute intratracheal exposure of rats to manganese nanoparticles: behavioral, electrophysiological, and general toxicological effects. <i>Inhalation Toxicology</i> , <b>2009</b> , 21 Suppl 1, 83-91   | 2.7 | 22        |
| 70 | Gestational manganese intoxication and anxiolytic-like effects of diazepam and the 5-HT1A receptor agonist 8-OH-DPAT in male Wistar rats. <i>Pharmacological Reports</i> , <b>2009</b> , 61, 1061-8   | 3.9 | 2         |
| 69 | Total fume and metal concentrations during welding in selected factories in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 2978-87   | 4.6 | 28        |
| 68 | Neuroplastic changes within the brains of manganese-exposed welders: recruiting additional neural resources for successful motor performance. <i>Occupational and Environmental Medicine</i> , <b>2010</b> , 67, 809-15 <sup>2.1</sup>  |     | 14        |

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| 67 | Assessment of occupational exposure to manganese and other metals in welding fumes by portable X-ray fluorescence spectrometer. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2010</b> , 7, 456-65                                  | 2.9  | 14  |
| 66 | Elevated manganese and cognitive performance in school-aged children and their mothers. <i>Environmental Research</i> , <b>2011</b> , 111, 156-63   | 7.9  | 180 |
| 65 | A Scanning Transmission Electron Microscopy Method for Determining Manganese Composition in Welding Fume as a Function of Primary Particle Size. <i>Journal of Aerosol Science</i> , <b>2011</b> , 42, 408-418                                      | 4.3  | 12  |
| 64 | Neuropsychological effects of low-level manganese exposure in welders. <i>NeuroToxicology</i> , <b>2011</b> , 32, 171-9   | 4.4  | 60  |
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| 62 | Economic aspects of sanitation in developing countries. <i>Environmental Health Insights</i> , <b>2011</b> , 5, 63-70   | 1.4  | 48  |
| 61 | Statistical modeling to determine sources of variability in exposures to welding fumes. <i>Annals of Occupational Hygiene</i> , <b>2011</b> , 55, 305-18  |      | 19  |
| 60 | Manganese in occupational arc welding fumes--aspects on physiochemical properties, with focus on solubility. <i>Annals of Occupational Hygiene</i> , <b>2013</b> , 57, 6-25   |      | 33  |
| 59 | Occupational exposure to manganese-containing welding fumes and pulmonary function indices among natural gas transmission pipeline welders. <i>Journal of Occupational Health</i> , <b>2012</b> , 54, 316-22  | 2.3  | 15  |
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| 57 | Fe and Mn oxidation states by TEM-EELS in fine-particle emissions from a Fe-Mn alloy making plant. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 10832-40   | 10.3 | 32  |
| 56 | Decreased brain volumes in manganese-exposed welders. <i>NeuroToxicology</i> , <b>2013</b> , 37, 182-9  | 4.4  | 20  |
| 55 | A comparison of cytotoxicity and oxidative stress from welding fumes generated with a new nickel-, copper-based consumable versus mild and stainless steel-based welding in RAW 264.7 mouse macrophages. <i>PLoS ONE</i> , <b>2014</b> , 9, e101310 | 3.7  | 36  |
| 54 | Health related quality of life and influencing factors among welders. <i>PLoS ONE</i> , <b>2014</b> , 9, e101982  | 3.7  | 14  |
| 53 | Evaluation of the Pulmonary Toxicity of a Fume Generated from a Nickel-, Copper-Based Electrode to be Used as a Substitute in Stainless Steel Welding. <i>Environmental Health Insights</i> , <b>2014</b> , 8, 11-20                                | 1.4  | 10  |
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| 51 | Analysis of manganese and iron in exhaled endogenous particles. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 730-735  | 3.7  | 7   |
| 50 | Saturation diving; physiology and pathophysiology. <i>Comprehensive Physiology</i> , <b>2014</b> , 4, 1229-72   | 7.7  | 34  |

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| 49 | Blood manganese as an exposure biomarker: state of the evidence. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2014</b> , 11, 210-7  | 2.9 | 50 |
| 48 | Exposure to respirable dust and manganese and prevalence of airways symptoms, among Swedish mild steel welders in the manufacturing industry. <i>International Archives of Occupational and Environmental Health</i> , <b>2014</b> , 87, 623-34            | 3.2 | 36 |
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| 44 | Manganese Fractionation Using a Sequential Extraction Method to Evaluate Welders' Shielded Metal Arc Welding Exposures During Construction Projects in Oil Refineries. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2015</b> , 12, 774-84 | 2.9 | 6  |
| 43 | Genome-wide association study of toxic metals and trace elements reveals novel associations. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4739-45   | 5.6 | 75 |
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| 40 | Influence of Metal Transfer Stability and Shielding Gas Composition on CO and CO <sub>2</sub> Emissions during Short-circuiting MIG/MAG Welding. <i>Soldagem E Inspecao</i> , <b>2016</b> , 21, 253-268  | 0.3 | 2  |
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| 13 | Characterization of the ultrafine and fine particles formed during laser cladding with the Inconel 718 metal powder by means of X-ray spectroscopic techniques. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2021</b> , 177, 106110 | 3.1 | 2              |
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| 1  | Blood lead concentrations in exposed forecourt attendants and taxi drivers in parts of South Africa.  |     | 0              |