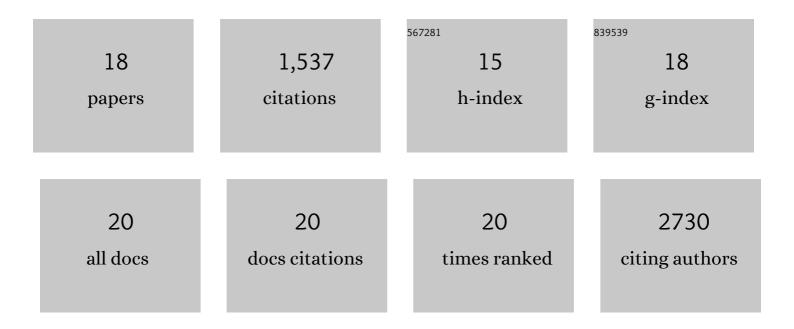
David M Brown

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Oxidative stress and calcium signaling in the adverse effects of environmental particles (PM10). Free Radical Biology and Medicine, 2003, 34, 1369-1382. | 2.9 | 384 |
| 2 | The impact of different nanoparticle surface chemistry and size on uptake and toxicity in a murine macrophage cell line. Toxicology and Applied Pharmacology, 2008, 232, 418-427. | 2.8 | 311 |
| 3 | Multi-walled carbon nanotube induced frustrated phagocytosis, cytotoxicity and pro-inflammatory conditions in macrophages are length dependent and greater than that of asbestos. Toxicology in Vitro, 2015, 29, 1513-1528. | 2.4 | 132 |
| 4 | Free Radical Activity of PM 10 : Iron-Mediated Generation of Hydroxyl Radicals. Environmental Health Perspectives, 1997, 105, 1285. | 6.0 | 122 |
| 5 | The effects of serum on the toxicity of manufactured nanoparticles. Toxicology Letters, 2010, 198, 358-365. | 0.8 | 83 |
| 6 | The uptake and intracellular fate of a series of different surface coated quantum dots in vitro. Toxicology, 2011, 286, 58-68. | 4.2 | 67 |
| 7 | An investigation into the potential for different surface-coated quantum dots to cause oxidative stress and affect macrophage cell signalling <i>in vitro</i> . Nanotoxicology, 2010, 4, 139-149. | 3.0 | 66 |
| 8 | Quantum dot cytotoxicity <i>in vitro</i> : An investigation into the cytotoxic effects of a series of different surface chemistries and their core/shell materials. Nanotoxicology, 2011, 5, 664-674. | 3.0 | 61 |
| 9 | Interaction between nanoparticles and cytokine proteins: impact on protein and particle functionality. Nanotechnology, 2010, 21, 215104. | 2.6 | 60 |
| 10 | The effects of PM10 particles and oxidative stress on macrophages and lung epithelial cells: modulating effects of calcium-signaling antagonists. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1444-L1451. | 2.9 | 53 |
| 11 | Adoption of <i>in vitro</i> systems and zebrafish embryos as alternative models for reducing rodent use in assessments of immunological and oxidative stress responses to nanomaterials. Critical Reviews in Toxicology, 2018, 48, 252-271. | 3.9 | 46 |
| 12 | Transcriptional profiling reveals gene expression changes associated with inflammation and cell proliferation following shortâ€ŧerm inhalation exposure to copper oxide nanoparticles. Journal of Applied Toxicology, 2018, 38, 385-397. | 2.8 | 44 |
| 13 | The effect of refurbishing a UK steel plant on PM10 metal composition and ability to induce inflammation. Respiratory Research, 2005, 6, 43. | 3.6 | 36 |
| 14 | Nuclear Translocation of Nrf2 and Expression of Antioxidant Defence Genes in THP-1 Cells Exposed to Carbon Nanotubes. Journal of Biomedical Nanotechnology, 2010, 6, 224-233. | 1.1 | 33 |
| 15 | Mechanism of neutrophil activation and toxicity elicited by engineered nanomaterials. Toxicology in Vitro, 2015, 29, 1172-1184. | 2.4 | 19 |
| 16 | Serum enhanced cytokine responses of macrophages to silica and iron oxide particles and nanomaterials: a comparison of serum to lung lining fluid and albumin dispersions. Journal of Applied Toxicology, 2014, 34, 1177-1187. | 2.8 | 7 |
| 17 | Silica nanoparticles and biological dispersants: genotoxic effects on A549 lung epithelial cells. Journal of Nanoparticle Research, 2015, 17, 1. | 1.9 | 7 |
| 18 | Exploring the cellular and tissue uptake of nanomaterials in a range of biological samples using multimodal nonlinear optical microscopy. Nanotechnology, 2015, 26, 505102. | 2.6 | 6 |