

Vicki Stone

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

16,437
citations

55
h-index

128
g-index

143
ext. papers

17,849
ext. citations

6.1
avg, IF

6.35
L-index

#	Paper	IF	Citations
138	Development of a standard operating procedure for the DCFH-DA acellular assessment of reactive oxygen species produced by nanomaterials.. <i>Toxicology Mechanisms and Methods</i> , 2022 , 1-14	3.6	2
137	Acute hazard assessment of silver nanoparticles following intratracheal instillation, oral and intravenous injection exposures.. <i>Nanotoxicology</i> , 2022 , 1-17	5.3	1
136	Bayesian based similarity assessment of nanomaterials to inform grouping.. <i>NanoImpact</i> , 2022 , 25, 100389	3.6	1
135	Determining nanoform similarity via assessment of surface reactivity by abiotic and in vitro assays.. <i>NanoImpact</i> , 2022 , 26, 100390	5.6	3
134	An in vitro assessment of the toxicity of two-dimensional synthetic and natural layered silicates. <i>Toxicology in Vitro</i> , 2022 , 78, 105273	3.6	1
133	How can we justify grouping of nanoforms for hazard assessment? Concepts and tools to quantify similarity.. <i>NanoImpact</i> , 2022 , 25, 100366	5.6	7
132	The Road to Achieving the European Commission's Chemicals Strategy for Nanomaterial Sustainability-A PATROLS Perspective on New Approach Methodologies.. <i>Small</i> , 2022 , e2200231	11	3
131	An investigation of the hepatic toxicity of PEGylated polymeric redox responsive nanoparticles.. <i>RSC Advances</i> , 2022 , 12, 12860-12870	3.7	0
130	The application of existing genotoxicity methodologies for grouping of nanomaterials: towards an integrated approach to testing and assessment.. <i>Particle and Fibre Toxicology</i> , 2022 , 19, 32	8.4	1
129	Particulate and drug-induced toxicity assessed in novel quadruple cell human primary hepatic disease models of steatosis and pre-fibrotic NASH. <i>Archives of Toxicology</i> , 2021 , 96, 287	5.8	3
128	Grouping Hypotheses and an Integrated Approach to Testing and Assessment of Nanomaterials Following Oral Ingestion. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
127	Pulmonary toxicity and gene expression changes after short-term inhalation exposure to surface-modified copper oxide nanoparticles.. <i>NanoImpact</i> , 2021 , 22, 100313	5.6	4
126	An integrated approach to testing and assessment of high aspect ratio nanomaterials and its application for grouping based on a common mesothelioma hazard.. <i>NanoImpact</i> , 2021 , 22, 100314	5.6	10
125	Neutrophil activation by nanomaterials : comparing strengths and limitations of primary human cells with those of an immortalized (HL-60) cell line. <i>Nanotoxicology</i> , 2021 , 15, 1-20	5.3	7
124	Acute waterborne and chronic sediment toxicity of silver and titanium dioxide nanomaterials towards the oligochaete, <i>Lumbriculus variegatus</i> .. <i>NanoImpact</i> , 2021 , 21, 100291	5.6	3
123	Time dependent impact of copper oxide nanomaterials on the expression of genes associated with oxidative stress, metal binding, inflammation and mucus secretion in single and co-culture intestinal in vitro models. <i>Toxicology in Vitro</i> , 2021 , 74, 105161	3.6	5
122	An Integrated Approach to Testing and Assessment to Support Grouping and Read-Across of Nanomaterials After Inhalation Exposure. <i>Applied in Vitro Toxicology</i> , 2021 , 7, 112-128	1.3	6

121	A Method to Assess the Relevance of Nanomaterial Dissolution During Reactivity Testing. <i>Materials</i> , 2020 , 13,	3.5	13
120	Polylactic is a Sustainable, Low Absorption, Low Autofluorescence Alternative to Other Plastics for Microfluidic and Organ-on-Chip Applications. <i>Analytical Chemistry</i> , 2020 , 92, 6693-6701	7.8	20
119	Ongoing inflammation enhances the toxicity of engineered nanomaterials: Application of an in vitro co-culture model of the healthy and inflamed intestine. <i>Toxicology in Vitro</i> , 2020 , 63, 104738	3.6	20
118	A framework for grouping and read-across of nanomaterials- supporting innovation and risk assessment. <i>Nano Today</i> , 2020 , 35, 100941	17.9	37
117	Improving Quality in Nanoparticle-Induced Cytotoxicity Testing by a Tiered Inter-Laboratory Comparison Study. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
116	An In Vitro Lung System to Assess the Proinflammatory Hazard of Carbon Nanotube Aerosols. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
115	Risk Management Framework for Nano-Biomaterials Used in Medical Devices and Advanced Therapy Medicinal Products. <i>Materials</i> , 2020 , 13,	3.5	11
114	A review of hepatic nanotoxicology - summation of recent findings and considerations for the next generation of study designs. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020 , 23, 137-176	8.6	16
113	Novel polylactic acid (PLA)-organoclay nanocomposite bio-packaging for the cosmetic industry; migration studies and in vitro assessment of the dermal toxicity of migration extracts. <i>Polymer Degradation and Stability</i> , 2019 , 168, 108938	4.7	16
112	SUNDS probabilistic human health risk assessment methodology and its application to organic pigment used in the automotive industry. <i>NanoImpact</i> , 2019 , 13, 26-36	5.6	13
111	Using 3D gastrointestinal tract in vitro models with microfold cells and mucus secreting ability to assess the hazard of copper oxide nanomaterials. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 70	9.4	18
110	Comparing the sensitivity of different intestinal Caco-2 in vitro monocultures and co-cultures to amorphous silicon dioxide nanomaterials and the clay montmorillonite. <i>NanoImpact</i> , 2019 , 15, 100165	5.6	8
109	The importance of inter-individual Kupffer cell variability in the governance of hepatic toxicity in a 3D primary human liver microtissue model. <i>Scientific Reports</i> , 2019 , 9, 7295	4.9	17
108	The influence of organic modification on the cytotoxicity of clay particles to keratinocytes, hepatocytes and macrophages; an investigation towards the safe use of polymer-clay nanocomposite packaging. <i>Food and Chemical Toxicology</i> , 2019 , 126, 178-191	4.7	9
107	The variances in cytokine production profiles from non- or activated THP-1, Kupffer cell and human blood derived primary macrophages following exposure to either alcohol or a panel of engineered nanomaterials. <i>PLoS ONE</i> , 2019 , 14, e0220974	3.7	6
106	The mechanism-based toxicity screening of particles with use in the food and nutrition sector via the ToxTracker reporter system. <i>Toxicology in Vitro</i> , 2019 , 61, 104594	3.6	10
105	Assessment of nanomaterial-induced hepatotoxicity using a 3D human primary multi-cellular microtissue exposed repeatedly over 21 days - the suitability of the in vitro system as an in vivo surrogate. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 42	8.4	14
104	Toxicity of copper oxide and basic copper carbonate nanoparticles after short-term oral exposure in rats. <i>Nanotoxicology</i> , 2019 , 13, 50-72	5.3	48

103	A cross-species and model comparison of the acute toxicity of nanoparticles used in the pigment and ink industries. <i>NanoImpact</i> , 2018 , 11, 20-32	5.6	11
102	Transcriptional profiling reveals gene expression changes associated with inflammation and cell proliferation following short-term inhalation exposure to copper oxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2018 , 38, 385-397	4.1	32
101	Comparative, collaborative, and integrative risk governance for emerging technologies. <i>Environment Systems and Decisions</i> , 2018 , 38, 170-176	4.1	61
100	Quantitative human health risk assessment along the lifecycle of nano-scale copper-based wood preservatives. <i>Nanotoxicology</i> , 2018 , 12, 747-765	5.3	17
99	Nonanimal Approaches to Assessing the Toxicity of Inhaled Substances: Current Progress and Future Promise. <i>Applied in Vitro Toxicology</i> , 2018 , 4, 82-88	1.3	3
98	Adoption of in vitro systems and zebrafish embryos as alternative models for reducing rodent use in assessments of immunological and oxidative stress responses to nanomaterials. <i>Critical Reviews in Toxicology</i> , 2018 , 48, 252-271	5.7	27
97	The Essential Elements of a Risk Governance Framework for Current and Future Nanotechnologies. <i>Risk Analysis</i> , 2018 , 38, 1321-1331	3.9	18
96	Nanodelivery systems and stabilized solid-drug nanoparticles for orally administered medicine: current landscape. <i>International Journal of Nanomedicine</i> , 2018 , 13, 7575-7605	7.3	26
95	Assessing the bioactivity of crystalline silica in heated high-temperature insulation wools. <i>Inhalation Toxicology</i> , 2018 , 30, 255-272	2.7	4
94	Impact of serum as a dispersion agent for in vitro and in vivo toxicological assessments of TiO nanoparticles. <i>Archives of Toxicology</i> , 2017 , 91, 353-363	5.8	41
93	Silver Nanoparticles and Metallic Silver Interfere with the Griess Reaction: Reduction of Azo Dye Formation via a Competing Sandmeyer-Like Reaction. <i>Chemical Research in Toxicology</i> , 2017 , 30, 1030-1037	4.7	8
92	Aligning nanotoxicology with the 3Rs: What is needed to realise the short, medium and long-term opportunities?. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 91, 257-266	3.4	27
91	Impact of copper oxide nanomaterials on differentiated and undifferentiated Caco-2 intestinal epithelial cells; assessment of cytotoxicity, barrier integrity, cytokine production and nanomaterial penetration. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 31	8.4	52
90	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <i>Environmental Health Perspectives</i> , 2017 , 125, 106002	8.4	210
89	Development of an in vitro co-culture model to mimic the human intestine in healthy and diseased state. <i>Toxicology in Vitro</i> , 2017 , 45, 31-43	3.6	69
88	Intracellular delivery of nano-formulated antituberculosis drugs enhances bactericidal activity. <i>Journal of Interdisciplinary Nanomedicine</i> , 2017 , 2, 146-156	4	9
87	The 3Rs as a framework to support a 21st century approach for nanosafety assessment. <i>Nano Today</i> , 2017 , 12, 10-13	17.9	48
86	Synthesis, characterization and evaluation of in vitro toxicity in hepatocytes of linear polyesters with varied aromatic and aliphatic co-monomers. <i>Journal of Controlled Release</i> , 2016 , 244, 214-228	11.7	3

85	Advancing Risk Analysis for Nanoscale Materials: Report from an International Workshop on the Role of Alternative Testing Strategies for Advancement. <i>Risk Analysis</i> , 2016 , 36, 1520-37	3.9	13
84	A Tractable Method for Measuring Nanomaterial Risk Using Bayesian Networks. <i>Nanoscale Research Letters</i> , 2016 , 11, 503	5	26
83	A rapid screening assay for identifying mycobacteria targeted nanoparticle antibiotics. <i>Nanotoxicology</i> , 2016 , 10, 761-9	5.3	13
82	Approaches to Develop Alternative Testing Strategies to Inform Human Health Risk Assessment of Nanomaterials. <i>Risk Analysis</i> , 2016 , 36, 1538-50	3.9	20
81	An Overview of Nanoparticle Biocompatibility for Their Use in Nanomedicine 2016 , 443-468		0
80	A Multilaboratory Toxicological Assessment of a Panel of 10 Engineered Nanomaterials to Human Health--ENPRA Project--The Highlights, Limitations, and Current and Future Challenges. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016 , 19, 1-28	8.6	96
79	Organ burden and pulmonary toxicity of nano-sized copper (II) oxide particles after short-term inhalation exposure. <i>Nanotoxicology</i> , 2016 , 10, 1084-95	5.3	87
78	Expert consensus on an in vitro approach to assess pulmonary fibrogenic potential of aerosolized nanomaterials. <i>Archives of Toxicology</i> , 2016 , 90, 1769-83	5.8	41
77	Neurodegenerative and neurological disorders by small inhaled particles. <i>NeuroToxicology</i> , 2016 , 56, 94-106	4.4	175
76	Accumulation dynamics and acute toxicity of silver nanoparticles to <i>Daphnia magna</i> and <i>Lumbriculus variegatus</i> : implications for metal modeling approaches. <i>Environmental Science & Technology</i> , 2015 , 49, 4389-97	10.3	68
75	Multi-walled carbon nanotube induced frustrated phagocytosis, cytotoxicity and pro-inflammatory conditions in macrophages are length dependent and greater than that of asbestos. <i>Toxicology in Vitro</i> , 2015 , 29, 1513-28	3.6	111
74	Assessing the acute hazards of zinc oxide nanomaterials to <i>Lumbriculus variegatus</i> . <i>Ecotoxicology</i> , 2015 , 24, 1372-84	2.9	3
73	Nanomaterial categorization for assessing risk potential to facilitate regulatory decision-making. <i>ACS Nano</i> , 2015 , 9, 3409-17	16.7	119
72	Characterisation of bioaccumulation dynamics of three differently coated silver nanoparticles and aqueous silver in a simple freshwater food chain. <i>Environmental Chemistry</i> , 2015 , 12, 662	3.2	42
71	Toxicology of ZnO and TiO ₂ nanoparticles on hepatocytes: impact on metabolism and bioenergetics. <i>Nanotoxicology</i> , 2015 , 9, 126-34	5.3	36
70	Utility of models of the gastrointestinal tract for assessment of the digestion and absorption of engineered nanomaterials released from food matrices. <i>Nanotoxicology</i> , 2015 , 9, 523-42	5.3	86
69	Silica nanoparticles and biological dispersants: genotoxic effects on A549 lung epithelial cells. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	7
68	Comparative hazard identification by a single dose lung exposure of zinc oxide and silver nanomaterials in mice. <i>PLoS ONE</i> , 2015 , 10, e0126934	3.7	45

67	Mechanism of neutrophil activation and toxicity elicited by engineered nanomaterials. <i>Toxicology in Vitro</i> , 2015 , 29, 1172-84	3.6	15
66	Exploring the cellular and tissue uptake of nanomaterials in a range of biological samples using multimodal nonlinear optical microscopy. <i>Nanotechnology</i> , 2015 , 26, 505102	3.4	5
65	ITS-NANO--prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 9	8.4	112
64	The role of Kupffer cells in the hepatic response to silver nanoparticles. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 149-54	5.3	30
63	Inflammation and gene expression in the rat lung after instillation of silica nanoparticles: Effect of size, dispersion medium and particle surface charge. <i>Toxicology Letters</i> , 2014 , 224, 147-156	4.4	32
62	Mechanisms of genotoxicity. A review of in vitro and in vivo studies with engineered nanoparticles. <i>Nanotoxicology</i> , 2014 , 8, 233-78	5.3	424
61	Risk Assessment of Engineered Nanomaterials 2014 , 459-478		3
60	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 56	8.4	61
59	Cytotoxicity and cytokine release in rat hepatocytes, C3A cells and macrophages exposed to gold nanoparticles--effect of biological dispersion media or corona. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 3416-29	4	16
58	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. <i>Journal of Applied Toxicology</i> , 2014 , 34, 1177-87	4.1	7
57	In vitro toxicological screening of nanoparticles on primary human endothelial cells and the role of flow in modulating cell response. <i>Nanotoxicology</i> , 2014 , 8, 697-708	5.3	45
56	An in vitro assessment of panel of engineered nanomaterials using a human renal cell line: cytotoxicity, pro-inflammatory response, oxidative stress and genotoxicity. <i>BMC Nephrology</i> , 2013 , 14, 96	2.7	87
55	Effects of silver nanoparticles on the liver and hepatocytes in vitro. <i>Toxicological Sciences</i> , 2013 , 131, 537-47	4.4	120
54	In vitro assessment of engineered nanomaterials using a hepatocyte cell line: cytotoxicity, pro-inflammatory cytokines and functional markers. <i>Nanotoxicology</i> , 2013 , 7, 301-13	5.3	100
53	Primary human hepatocytes versus hepatic cell line: assessing their suitability for in vitro nanotoxicology. <i>Nanotoxicology</i> , 2013 , 7, 1255-71	5.3	27
52	Engineered nanomaterial risk. Lessons learnt from completed nanotoxicology studies: potential solutions to current and future challenges. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 1-20	5.7	116
51	Zinc oxide nanoparticles and monocytes: impact of size, charge and solubility on activation status. <i>Toxicology and Applied Pharmacology</i> , 2013 , 266, 19-26	4.6	72
50	Silver nanoparticles induce cytotoxicity, but not cell transformation or genotoxicity on Balb3T3 mouse fibroblasts. <i>BioNanoMaterials</i> , 2013 , 14, 49-60		7

49	Interspecies comparisons on the uptake and toxicity of silver and cerium dioxide nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 144-54	3.8	131
48	Quantum dots: an insight and perspective of their biological interaction and how this relates to their relevance for clinical use. <i>Theranostics</i> , 2012 , 2, 668-80	12.1	46
47	An in vitro liver model--assessing oxidative stress and genotoxicity following exposure of hepatocytes to a panel of engineered nanomaterials. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 28	8.4	94
46	Investigating the relationship between nanomaterial hazard and physicochemical properties: Informing the exploitation of nanomaterials within therapeutic and diagnostic applications. <i>Journal of Controlled Release</i> , 2012 , 164, 307-13	11.7	57
45	Minimal analytical characterization of engineered nanomaterials needed for hazard assessment in biological matrices. <i>Nanotoxicology</i> , 2011 , 5, 1-11	5.3	126
44	Effects of silver and cerium dioxide micro- and nano-sized particles on <i>Daphnia magna</i> . <i>Journal of Environmental Monitoring</i> , 2011 , 13, 1227-35		104
43	Weight of evidence approach for the relative hazard ranking of nanomaterials. <i>Nanotoxicology</i> , 2011 , 5, 445-58	5.3	35
42	The uptake and intracellular fate of a series of different surface coated quantum dots in vitro. <i>Toxicology</i> , 2011 , 286, 58-68	4.4	59
41	Nano-TiO ₂ feasibility and challenges for human health risk assessment based on open literature. <i>Nanotoxicology</i> , 2011 , 5, 110-24	5.3	47
40	Relating the physicochemical characteristics and dispersion of multiwalled carbon nanotubes in different suspension media to their oxidative reactivity in vitro and inflammation in vivo. <i>Nanotoxicology</i> , 2010 , 4, 331-42	5.3	49
39	Review of carbon nanotubes toxicity and exposure--appraisal of human health risk assessment based on open literature. <i>Critical Reviews in Toxicology</i> , 2010 , 40, 759-90	5.7	187
38	A critical review of the biological mechanisms underlying the in vivo and in vitro toxicity of carbon nanotubes: The contribution of physico-chemical characteristics. <i>Nanotoxicology</i> , 2010 , 4, 207-46	5.3	306
37	An investigation into the potential for different surface-coated quantum dots to cause oxidative stress and affect macrophage cell signalling in vitro. <i>Nanotoxicology</i> , 2010 , 4, 139-49	5.3	64
36	The effects of serum on the toxicity of manufactured nanoparticles. <i>Toxicology Letters</i> , 2010 , 198, 358-65	4.4	75
35	Nano-silver - feasibility and challenges for human health risk assessment based on open literature. <i>Nanotoxicology</i> , 2010 , 4, 284-95	5.3	126
34	Interaction between nanoparticles and cytokine proteins: impact on protein and particle functionality. <i>Nanotechnology</i> , 2010 , 21, 215104	3.4	57
33	The biological mechanisms and physicochemical characteristics responsible for driving fullerene toxicity. <i>Toxicological Sciences</i> , 2010 , 114, 162-82	4.4	153
32	A review of the in vivo and in vitro toxicity of silver and gold particulates: particle attributes and biological mechanisms responsible for the observed toxicity. <i>Critical Reviews in Toxicology</i> , 2010 , 40, 328-46	5.7	676

31	Nanomaterials for environmental studies: classification, reference material issues, and strategies for physico-chemical characterisation. <i>Science of the Total Environment</i> , 2010 , 408, 1745-54	10.2	290
30	Evaluating the uptake and intracellular fate of polystyrene nanoparticles by primary and hepatocyte cell lines in vitro. <i>Toxicology and Applied Pharmacology</i> , 2010 , 242, 66-78	4.6	142
29	Review of fullerene toxicity and exposure--appraisal of a human health risk assessment, based on open literature. <i>Regulatory Toxicology and Pharmacology</i> , 2010 , 58, 455-73	3.4	134
28	Identification of the mechanisms that drive the toxicity of TiO ₂ particulates: the contribution of physicochemical characteristics. <i>Particle and Fibre Toxicology</i> , 2009 , 6, 33	8.4	166
27	Development of in vitro systems for nanotoxicology: methodological considerations. <i>Critical Reviews in Toxicology</i> , 2009 , 39, 613-26	5.7	319
26	Assessing exposure, uptake and toxicity of silver and cerium dioxide nanoparticles from contaminated environments. <i>Environmental Health</i> , 2009 , 8 Suppl 1, S2	6	83
25	Carbon nanotubes introduced into the abdominal cavity of mice show asbestos-like pathogenicity in a pilot study. <i>Nature Nanotechnology</i> , 2008 , 3, 423-8	28.7	2057
24	The impact of different nanoparticle surface chemistry and size on uptake and toxicity in a murine macrophage cell line. <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 418-27	4.6	281
23	Interactions between carbon black nanoparticles and the brown algae <i>Fucus serratus</i> : Inhibition of fertilization and zygotic development. <i>Nanotoxicology</i> , 2008 , 2, 88-97	5.3	31
22	A multidisciplinary approach to the identification of reference materials for engineered nanoparticle toxicology. <i>Nanotoxicology</i> , 2008 , 2, 71-78	5.3	21
21	Nanoparticle interactions with zinc and iron: implications for toxicology and inflammation. <i>Toxicology and Applied Pharmacology</i> , 2007 , 225, 80-9	4.6	53
20	The effects of PM ₁₀ particles and oxidative stress on macrophages and lung epithelial cells: modulating effects of calcium-signaling antagonists. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L1444-51	5.8	46
19	Toxicology of nanoparticles: A historical perspective. <i>Nanotoxicology</i> , 2007 , 1, 2-25	5.3	724
18	Proinflammogenic effects of low-toxicity and metal nanoparticles in vivo and in vitro: highlighting the role of particle surface area and surface reactivity. <i>Inhalation Toxicology</i> , 2007 , 19, 849-56	2.7	366
17	Air pollution, ultrafine and nanoparticle toxicology: cellular and molecular interactions. <i>IEEE Transactions on Nanobioscience</i> , 2007 , 6, 331-40	3.4	249
16	Carbon nanotubes: a review of their properties in relation to pulmonary toxicology and workplace safety. <i>Toxicological Sciences</i> , 2006 , 92, 5-22	4.4	924
15	The potential risks of nanomaterials: a review carried out for ECETOC. <i>Particle and Fibre Toxicology</i> , 2006 , 3, 11	8.4	870
14	Safe handling of nanotechnology. <i>Nature</i> , 2006 , 444, 267-9	50.4	1202

13	Nanotoxicology: signs of stress. <i>Nature Nanotechnology</i> , 2006 , 1, 23-4	28.7	150
12	The effect of refurbishing a UK steel plant on PM10 metal composition and ability to induce inflammation. <i>Respiratory Research</i> , 2005 , 6, 43	7.3	30
11	Combustion-derived nanoparticles: a review of their toxicology following inhalation exposure. <i>Particle and Fibre Toxicology</i> , 2005 , 2, 10	8.4	602
10	Inflammatory effects of coarse and fine particulate matter in relation to chemical and biological constituents. <i>Toxicology and Applied Pharmacology</i> , 2004 , 195, 1-11	4.6	273
9	The role of free radicals in the toxic and inflammatory effects of four different ultrafine particle types. <i>Inhalation Toxicology</i> , 2003 , 15, 39-52	2.7	292
8	Investigating the potential for interaction between the components of PM(10). <i>Environmental Health and Preventive Medicine</i> , 2003 , 7, 246-53	4.2	15
7	Oxidative stress and calcium signaling in the adverse effects of environmental particles (PM10). <i>Free Radical Biology and Medicine</i> , 2003 , 34, 1369-82	7.8	331
6	Current hypotheses on the mechanisms of toxicity of ultrafine particles. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2003 , 39, 405-10	1.6	167
5	Interactions between ultrafine particles and transition metals in vivo and in vitro. <i>Toxicology and Applied Pharmacology</i> , 2002 , 184, 172-9	4.6	348
4	Surface modification of quartz inhibits toxicity, particle uptake, and oxidative DNA damage in human lung epithelial cells. <i>Chemical Research in Toxicology</i> , 2002 , 15, 1166-73	4	150
3	The pulmonary toxicology of ultrafine particles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2002 , 15, 213-20		395
2	Environmental air pollution. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, S44-7	10.2	32
1	Poly(lactic acid), a sustainable, biocompatible, transparent substrate material for Organ-On-Chip, and Microfluidic applications		1