

# CITATION REPORT

List of articles citing

Detection of nanomaterials in food and consumer products: bridging the gap from legislation to enforcement

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Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 1175-82.

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| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 38 | Nanoparticles in Foods, Determination of. <b>2013</b> ,   |      | 2         |
| 37 | Detection and quantification of montmorillonite nanoclay in water-ethanol solutions by graphite furnace atomic absorption spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 2177-83  | 3.2  | 7         |
| 36 | Progress in the characterization and safety evaluation of engineered inorganic nanomaterials in food. <i>Nanomedicine</i> , <b>2013</b> , 8, 2007-25  | 5.6  | 73        |
| 35 | Elucidation of toxicity pathways in lung epithelial cells induced by silicon dioxide nanoparticles. <i>PLoS ONE</i> , <b>2013</b> , 8, e72363   | 3.7  | 34        |
| 34 | Effects of engineered nanomaterials on plants growth: an overview. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 641759  | 2.2  | 200       |
| 33 | Silver migration from nanosilver and a commercially available zeolite filler polyethylene composites to food simulants. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2014</b> , 31, 1132-40  | 3.2  | 49        |
| 32 | Determination of Titanium in Nano-Titanium(IV) Oxide Composite Food Packaging by Microwave Digestion and Inductively Coupled Plasma Atomic Emission Spectrometry and Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Letters</i> , <b>2014</b> , 47, 2095-2103  | 2.2  | 3         |
| 31 | Measurement Methods to Detect, Characterize, and Quantify Engineered Nanomaterials in Foods. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2014</b> , 13, 693-704   | 16.4 | 78        |
| 30 | Methods to Evaluate Uptake of Engineered Nanomaterials by the Alimentary Tract. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2014</b> , 13, 705-729  | 16.4 | 21        |
| 29 | Uptake of bright fluorophore core-silica shell nanoparticles by biological systems. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 1547-67  | 7.3  | 15        |
| 28 | First steps towards a generic sample preparation scheme for inorganic engineered nanoparticles in a complex matrix for detection, characterization, and quantification by asymmetric flow-field flow fractionation coupled to multi-angle light scattering and ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 1921-1927 | 3.7  | 60        |
| 27 | Highly monodisperse, lanthanide-containing polystyrene nanoparticles as potential standard reference materials for environmental nano-fate analysis. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a   | 2.9  | 25        |
| 26 | Assessment of the migration potential of nanosilver from nanoparticle-coated low-density polyethylene food packaging into food simulants. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 167-78   | 3.2  | 14        |
| 25 | Silica nanoparticles induced metabolic stress through EGR1, CCND, and E2F1 genes in human mesenchymal stem cells. <i>Applied Biochemistry and Biotechnology</i> , <b>2015</b> , 175, 1181-92  | 3.2  | 10        |
| 24 | Epistemology of contaminants of emerging concern and literature meta-analysis. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 282, 2-9   | 12.8 | 56        |
| 23 | Nanotoxicity: emerging concerns regarding nanomaterial safety and occupational hard metal (WC-Co) nanoparticle exposure. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 6421-6433   | 7.3  | 40        |
| 22 | International Implications of Labeling Foods Containing Engineered Nanomaterials. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 830-42  | 2.5  | 5         |

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|----|--|------|----|
| 21 | Current trends and challenges in sample preparation for metallic nanoparticles analysis in daily products and environmental samples: A review. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2016</b> , 125, 66-96                                      | 3.1  | 58 |
| 20 | Fe3 O4 nanoparticle redox system modulation via cell-cycle progression and gene expression in human mesenchymal stem cells. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 901-12   | 4.2  | 23 |
| 19 | Prioritizing research needs for analytical techniques suited for engineered nanomaterials in food. <i>Trends in Food Science and Technology</i> , <b>2016</b> , 50, 219-229  | 15.3 | 21 |
| 18 | Characterisation of food contact non-stick coatings containing TiO nanoparticles and study of their possible release into food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2017</b> , 34, 421-433 | 3.2  | 20 |
| 17 | Analytical approaches for the characterization and quantification of nanoparticles in food and beverages. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 63-80   | 4.4  | 47 |
| 16 | Detection and characterisation of aluminium-containing nanoparticles in Chinese noodles by single particle ICP-MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2018</b> , 35, 86-93                | 3.2  | 18 |
| 15 | Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. <i>Talanta</i> , <b>2018</b> , 177, 104-121  | 6.2  | 43 |
| 14 | Nanomaterials in Food: An Overview. <b>2019</b> , 110-117  |      | 2  |
| 13 | Analytical Challenges and Practical Solutions for Enforcing Labeling of Nanoingredients in Food Products in the European Union. <b>2019</b> , 273-311  |      | 2  |
| 12 | Legal and practical challenges in classifying nanomaterials according to regulatory definitions. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 208-216  | 28.7 | 72 |
| 11 | Analytical metrology for nanomaterials: Present achievements and future challenges. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1059, 1-15   | 6.6  | 29 |
| 10 | Release mechanisms for PA6 nanocomposites under weathering conditions simulating their outdoor uses. <i>NanoImpact</i> , <b>2020</b> , 20, 100260  | 5.6  | 0  |
| 9  | Construction of a web-based nanomaterial database by big data curation and modeling friendly nanostructure annotations. <i>Nature Communications</i> , <b>2020</b> , 11, 2519  | 17.4 | 37 |
| 8  | State-of-Art Bio-Assay Systems and Electrochemical Approaches for Nanotoxicity Assessment. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 325   | 5.8  | 8  |
| 7  | Accurate quantification of TiO nanoparticles in commercial sunscreens using standard materials and orthogonal particle sizing methods for verification. <i>Talanta</i> , <b>2020</b> , 215, 120921   | 6.2  | 15 |
| 6  | Rapid assessment of silver nanoparticle migration from food containers into food simulants using a qualitative method. <i>Food Chemistry</i> , <b>2021</b> , 361, 130091   | 8.5  | 2  |
| 5  | Physical Characterization of Nanomaterials in Dispersion by Transmission Electron Microscopy in a Regulatory Framework. <b>2015</b> , 249-270  |      | 2  |
| 4  | Nanoemulsions for Nutrient Delivery in Food. <i>Sustainable Agriculture Reviews</i> , <b>2017</b> , 81-121   | 1.3  | 6  |

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| 3 | Nanotechnology in Consumer Products. <b>2014</b> , 97-112   | 6     |
| 2 | Chemical and Biological Remediation Technologies for the Effluents—Mineralization and Toxicological Effects of Nanocatalysts: An Overview. <i>Emerging Contaminants and Associated Treatment Technologies</i> , <b>2022</b> , 321-341 | 0.5   |
| 1 | Analytical Methods for Nanomaterial Determination in Biological Matrices. <i>Methods and Protocols</i> , <b>2022</b> , 5, 61  | 2.5 0 |