# Peter Peter Neil Gibson

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 22 papers | 2,811 citations | 567281 15 h-index | 713466 21 g-index |
| 22 all docs | 22 docs citations | 22 times ranked | 4557 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Scherrer equation versus the 'Debye-Scherrer equation'. Nature Nanotechnology, 2011, 6, 534-534. | 31.5 | 2,117 |
| 2 | Quantitative biokinetics of titanium dioxide nanoparticles after oral application in rats: Part 2. Nanotoxicology, 2017, 11, 443-453. | 3.0 | 115 |
| 3 | Quantitative biokinetics of titanium dioxide nanoparticles after intratracheal instillation in rats: Part 3. Nanotoxicology, 2017, 11, 454-464. | 3.0 | 71 |
| 4 | Quantitative biokinetics of titanium dioxide nanoparticles after intravenous injection in rats: Part 1. Nanotoxicology, 2017, 11, 434-442. | 3.0 | 68 |
| 5 | Age-Dependent Rat Lung Deposition Patterns of Inhaled 20 Nanometer Gold Nanoparticles and their Quantitative Biokinetics in Adult Rats. ACS Nano, 2018, 12, 7771-7790. | 14.6 | 66 |
| 6 | Diffusion mechanisms of multiple strontium species in clay. Geochimica Et Cosmochimica Acta, 2000, 64, 385-396. | 3.9 | 64 |
| 7 | Preparation of<sup>67</sup>Cuviadeuteron irradiation of<sup>70</sup>Zn. Radiochimica Acta, 2012, 100, 419-424. | 1.2 | 37 |
| 8 | Biodistribution of Inhaled Gold Nanoparticles in Mice and the Influence of Surfactant Protein D. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2013, 26, 24-30. | 1.4 | 37 |
| 9 | A novel method for n.c.a. 64Cu production by the 64Zn(d, 2p)64Cu reaction and dual ion-exchange column chromatography. Radiochimica Acta, 2007, 95, 75-80. | 1.2 | 36 |
| 10 | Radiolabelling of TiO2 nanoparticles for radiotracer studies. Journal of Nanoparticle Research, 2010, 12, 2435-2443. | 1.9 | 36 |
| 11 | Quantitative biokinetics over a 28â€‰day period of freshly generated, pristine, 20 nm titanium dioxide nanoparticle aerosols in healthy adult rats after a single two-hour inhalation exposure. Particle and Fibre Toxicology, 2019, 16, 29. | 6.2 | 27 |
| 12 | Generation and characterization of stable, highly concentrated titanium dioxide nanoparticle aerosols for rodent inhalation studies. Journal of Nanoparticle Research, 2011, 13, 511-524. | 1.9 | 26 |
| 13 | Quantitative biokinetics over a 28â€‰day period of freshly generated, pristine, 20â€‰nm silver nanoparticle aerosols in healthy adult rats after a single 1Â½-hour inhalation exposure. Particle and Fibre Toxicology, 2020, 17, 21. | 6.2 | 20 |
| 14 | Strategies for radiolabeling of commercial TiO2 nanopowder as a tool for sensitive nanoparticle detection in complex matrices. Journal of Nanoparticle Research, 2015, 17, 1. | 1.9 | 18 |
| 15 | Radiolabelling of nanoparticles by proton irradiation: temperature control in nanoparticulate powder targets. Journal of Nanoparticle Research, 2012, 14, 1. | 1.9 | 15 |
| 16 | Gold nanoparticle aerosols for rodent inhalation and translocation studies. Journal of Nanoparticle Research, 2013, 15, 1. | 1.9 | 14 |
| 17 | Quantitative determination of the biodistribution of nanoparticles: could radiolabeling be the answer?. Nanomedicine, 2013, 8, 1035-1038. | 3.3 | 13 |
| 18 | Volume-specific surface area by gas adsorption analysis with the BET method. , 2020, , 265-294. | | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 7Be-recoil radiolabelling of industrially manufactured silica nanoparticles. Journal of Nanoparticle Research, 2014, 16, 2574. | 1.9 | 10 |
| 20 | Comments on the article by A. J. Lecloux (J Nanopart Res (2015) 17:447) regarding the use of volume-specific surface area (VSSA) to classify nanomaterials. Journal of Nanoparticle Research, 2016, 18, 250. | 1.9 | 7 |
| 21 | Disorder and bond hybridization in boron nitride thin films. Solid State Communications, 1996, 99, 645-649. | 1.9 | 2 |
| 22 | Update on 67Cu half-life. Radiochimica Acta, 2011, 99, 771-773. | 1.2 | 1 |