

Peter Peter Neil Gibson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,811
citations

566801

15
h-index

713013

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'. <i>Nature Nanotechnology</i> , 2011, 6, 534-534.	15.6	2,117
2	Quantitative biokinetics of titanium dioxide nanoparticles after oral application in rats: Part 2. <i>Nanotoxicology</i> , 2017, 11, 443-453.	1.6	115
3	Quantitative biokinetics of titanium dioxide nanoparticles after intratracheal instillation in rats: Part 3. <i>Nanotoxicology</i> , 2017, 11, 454-464.	1.6	71
4	Quantitative biokinetics of titanium dioxide nanoparticles after intravenous injection in rats: Part 1. <i>Nanotoxicology</i> , 2017, 11, 434-442.	1.6	68
5	Age-Dependent Rat Lung Deposition Patterns of Inhaled 20 Nanometer Gold Nanoparticles and their Quantitative Biokinetics in Adult Rats. <i>ACS Nano</i> , 2018, 12, 7771-7790.	7.3	66
6	Diffusion mechanisms of multiple strontium species in clay. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 385-396.	1.6	64
7	Preparation of ^{67}Cu via d^{67}Zn deuteron irradiation of ^{70}Zn . <i>Radiochimica Acta</i> , 2012, 100, 419-424.	0.5	37
8	Biodistribution of Inhaled Gold Nanoparticles in Mice and the Influence of Surfactant Protein D. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2013, 26, 24-30.	0.7	37
9	A novel method for n.c.a. ^{64}Cu production by the $^{64}\text{Zn}(d, 2p)^{64}\text{Cu}$ reaction and dual ion-exchange column chromatography. <i>Radiochimica Acta</i> , 2007, 95, 75-80.	0.5	36
10	Radiolabelling of TiO_2 nanoparticles for radiotracer studies. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2435-2443.	0.8	36
11	Quantitative biokinetics over a 28% day period of freshly generated, pristine, 20 nm titanium dioxide nanoparticle aerosols in healthy adult rats after a single two-hour inhalation exposure. <i>Particle and Fibre Toxicology</i> , 2019, 16, 29.	2.8	27
12	Generation and characterization of stable, highly concentrated titanium dioxide nanoparticle aerosols for rodent inhalation studies. <i>Journal of Nanoparticle Research</i> , 2011, 13, 511-524.	0.8	26
13	Quantitative biokinetics over a 28% day period of freshly generated, pristine, 20 nm silver nanoparticle aerosols in healthy adult rats after a single 1½-hour inhalation exposure. <i>Particle and Fibre Toxicology</i> , 2020, 17, 21.	2.8	20
14	Strategies for radiolabeling of commercial TiO_2 nanopowder as a tool for sensitive nanoparticle detection in complex matrices. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	18
15	Radiolabelling of nanoparticles by proton irradiation: temperature control in nanoparticulate powder targets. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	15
16	Gold nanoparticle aerosols for rodent inhalation and translocation studies. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	14
17	Quantitative determination of the biodistribution of nanoparticles: could radiolabeling be the answer?. <i>Nanomedicine</i> , 2013, 8, 1035-1038.	1.7	13
18	Volume-specific surface area by gas adsorption analysis with the BET method. , 2020, , 265-294.		11

#	ARTICLE	IF	CITATIONS
19	⁷ Be-recoil radiolabelling of industrially manufactured silica nanoparticles. Journal of Nanoparticle Research, 2014, 16, 2574.	0.8	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.	0.8	7
21	Disorder and bond hybridization in boron nitride thin films. Solid State Communications, 1996, 99, 645-649.	0.9	2
22	Update on ⁶⁷ Cu half-life. Radiochimica Acta, 2011, 99, 771-773.	0.5	1