

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

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

4557
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume-specific surface area by gas adsorption analysis with the BET method. , 2020, , 265-294.		11
2	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. Particle and Fibre Toxicology, 2020, 17, 21.	6.2	20
3	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. Particle and Fibre Toxicology, 2019, 16, 29.	6.2	27
4	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
5	Quantitative biokinetics of titanium dioxide nanoparticles after intratracheal instillation in rats: Part 3. Nanotoxicology, 2017, 11, 454-464.	3.0	71
6	Quantitative biokinetics of titanium dioxide nanoparticles after intravenous injection in rats: Part 1. Nanotoxicology, 2017, 11, 434-442.	3.0	68
7	Quantitative biokinetics of titanium dioxide nanoparticles after oral application in rats: Part 2. Nanotoxicology, 2017, 11, 443-453.	3.0	115
8	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
9	Strategies for radiolabeling of commercial TiO ₂ nanopowder as a tool for sensitive nanoparticle detection in complex matrices. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	18
10	⁷ Be-recoil radiolabelling of industrially manufactured silica nanoparticles. Journal of Nanoparticle Research, 2014, 16, 2574.	1.9	10
11	Gold nanoparticle aerosols for rodent inhalation and translocation studies. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	14
12	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
13	Quantitative determination of the biodistribution of nanoparticles: could radiolabeling be the answer?. Nanomedicine, 2013, 8, 1035-1038.	3.3	13
14	Preparation of ⁶⁷ Cu via <i>deuteron</i> irradiation of ⁷⁰ Zn. Radiochimica Acta, 2012, 100, 419-424.	1.2	37
15	Radiolabelling of nanoparticles by proton irradiation: temperature control in nanoparticulate powder targets. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	15
16	The Scherrer equation versus the 'Debye-Scherrer equation'. Nature Nanotechnology, 2011, 6, 534-534.	31.5	2,117
17	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
18	Update on ⁶⁷ Cu half-life. Radiochimica Acta, 2011, 99, 771-773.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Radiolabelling of TiO ₂ nanoparticles for radiotracer studies. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2435-2443.	1.9	36
20	A novel method for n.c.a. ⁶⁴ Cu production by the ⁶⁴ Zn(d, 2p) ⁶⁴ Cu reaction and dual ion-exchange column chromatography. <i>Radiochimica Acta</i> , 2007, 95, 75-80.	1.2	36
21	Diffusion mechanisms of multiple strontium species in clay. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 385-396.	3.9	64
22	Disorder and bond hybridization in boron nitride thin films. <i>Solid State Communications</i> , 1996, 99, 645-649.	1.9	2