

Olivier Joubert

List of Publications by Year in descending order

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49
papers

1,165
citations

361413
20
h-index

395702
33
g-index

53
all docs

53
docs citations

53
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hedgehog Receptor Patched Is Involved in Cholesterol Transport. PLoS ONE, 2011, 6, e23834.	2.5	98
2	Drug delivery by polymeric nanoparticles induces autophagy in macrophages. International Journal of Pharmaceutics, 2012, 422, 495-503.	5.2	82
3	Long-term moderate magnesium-deficient diet shows relationships between blood pressure, inflammation and oxidant stress defense in aging rats. Free Radical Biology and Medicine, 2006, 41, 277-284.	2.9	80
4	Core-shell microcapsules of solid lipid nanoparticles and mesoporous silica for enhanced oral delivery of curcumin. Colloids and Surfaces B: Biointerfaces, 2016, 140, 161-168.	5.0	63
5	Cytotoxicity assessment of heparin nanoparticles in NR8383 macrophages. International Journal of Pharmaceutics, 2010, 396, 156-165.	5.2	62
6	Synthesis, antibacterial, cytotoxicity and sensing properties of starch-capped silver nanoparticles. Journal of Molecular Liquids, 2016, 213, 75-81.	4.9	58
7	Neuronal Uptake and Neuroprotective Properties of Curcumin-Loaded Nanoparticles on SK-N-SH Cell Line: Role of Poly(lactide-co-glycolide) Polymeric Matrix Composition. Molecular Pharmaceutics, 2016, 13, 391-403.	4.6	53
8	Metal accumulation, biochemical and behavioral responses on the Mediterranean clams Ruditapes decussatus exposed to two photocatalyst nanocomposites (TiO ₂ NPs and AuTiO ₂ NPs). Aquatic Toxicology, 2019, 208, 71-79.	4.0	51
9	Chitosan nanoparticles and quercetin modulate gene expression and prevent the genotoxicity of aflatoxin B ₁ in rat liver. Toxicology Reports, 2015, 2, 737-747.	3.3	49
10	Impact of gold nanoparticle coating on redox homeostasis. International Journal of Pharmaceutics, 2012, 438, 107-116.	5.2	42
11	One-Step Synthesis of Diamine-Functionalized Graphene Quantum Dots from Graphene Oxide and Their Chelating and Antioxidant Activities. Nanomaterials, 2020, 10, 104.	4.1	39
12	Single wall and multiwall carbon nanotubes induce different toxicological responses in rat alveolar macrophages. Journal of Applied Toxicology, 2019, 39, 764-772.	2.8	30
13	Cytotoxicity and global transcriptional responses induced by zinc oxide nanoparticles NM 110 in PMA-differentiated THP-1 cells. Toxicology Letters, 2019, 308, 65-73.	0.8	30
14	Cytotoxicity, fluorescence tagging and gene-expression study of CuInS/ZnS QDs - meso (hydroxyphenyl) porphyrin conjugate against human monocytic leukemia cells. Scientific Reports, 2020, 10, 4936.	3.3	29
15	Engineered covalent leucotoxin heterodimers form functional pores: insights into S-F interactions. Biochemical Journal, 2006, 396, 381-389.	3.7	28
16	A covalent S-F heterodimer of leucotoxin reveals molecular plasticity of Î ² -barrel pore-forming toxins. Proteins: Structure, Function and Bioinformatics, 2008, 71, 485-496.	2.6	28
17	Insights in Nanoparticle-Bacterium Interactions: New Frontiers to Bypass Bacterial Resistance to Antibiotics. Current Pharmaceutical Design, 2015, 21, 4095-4105.	1.9	27
18	p-Sulfonato-calix[n]arenes inhibit staphylococcal bicomponent leukotoxins by supramolecular interactions. Biochemical Journal, 2013, 450, 559-571.	3.7	24

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19	Stability study of the human G-protein coupled receptor, Smoothed. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1100-1110.	2.6	20
20	Viability and gene expression responses to polymeric nanoparticles in human and rat cells. <i>Cell Biology and Toxicology</i> , 2014, 30, 137-146.	5.3	20
21	Genes expression profiling of alveolar macrophages exposed to non-functionalized, anionic and cationic multi-walled carbon nanotubes shows three different mechanisms of toxicity. <i>Journal of Nanobiotechnology</i> , 2020, 18, 36.	9.1	19
22	Short- and long-term gene expression profiles induced by inhaled TiO ₂ nanostructured aerosol in rat lung. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 54-64.	2.8	16
23	Protein and lipid homeostasis altered in rat macrophages after exposure to metallic oxide nanoparticles. <i>Cell Biology and Toxicology</i> , 2020, 36, 65-82.	5.3	16
24	Homologous versus heterologous interactions in the bicomponent staphylococcal β -haemolysin pore1. <i>Biochemical Journal</i> , 2006, 394, 217-225.	3.7	15
25	Human Monocyte Response to <i>S</i> -Nitrosoglutathione-Loaded Nanoparticles: Uptake, Viability, and Transcriptome. <i>Molecular Pharmaceutics</i> , 2015, 12, 554-561.	4.6	15
26	Functional studies of membrane-bound and purified human Hedgehog receptor Patched expressed in yeast. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1813-1821.	2.6	14
27	Prediction of Chronic Inflammation for Inhaled Particles: the Impact of Material Cycling and Quarantining in the Lung Epithelium. <i>Advanced Materials</i> , 2020, 32, e2003913.	21.0	14
28	Distinction between Pore Assembly by Staphylococcal α -Toxin versus Leukotoxins. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-13.	3.0	13
29	Blood Compatibility of Multilayered Polyelectrolyte Films Containing Immobilized Gold Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600184.	2.3	12
30	Unique growth pattern of human mammary epithelial cells induced by polymeric nanoparticles. <i>Physiological Reports</i> , 2013, 1, e00027.	1.7	11
31	Cytotoxic effects of four Caryophyllaceae species extracts on macrophage cell lines. <i>Pharmaceutical Biology</i> , 2014, 52, 919-925.	2.9	11
32	Heterologous Expression of Human Membrane Receptors in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2010, 601, 87-103.	0.9	11
33	Toxicity of TiO ₂ Nanoparticles: Validation of Alternative Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4855.	4.1	10
34	A molecular pin to study the dynamics of β -barrel formation in pore-forming toxins on erythrocytes: a sliding model. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 312-323.	5.4	9
35	Layer-by-Layer Self-Assembly of Polyelectrolytes on Superparamagnetic Nanoparticle Surfaces. <i>ACS Omega</i> , 2020, 5, 4770-4777.	3.5	9
36	Green synthesis of amino acid functionalized CuInS/ZnS- mTHPP conjugate for biolabeling application. <i>Dyes and Pigments</i> , 2021, 185, 108960.	3.7	9

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37	Sensitive and Specific Detection of Staphylococcal Epidermolysins A and B in Broth Cultures by Flow Cytometry-Assisted Multiplex Immunoassay. <i>Journal of Clinical Microbiology</i> , 2005, 43, 1076-1080.	3.9	8
38	Comment on "Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles". <i>ACS Nano</i> , 2015, 9, 5634-5635.	14.6	7
39	CdTe _{0.5} S _{0.5} /ZnS Quantum Dots Embedded in a Molecularly Imprinted Polymer for the Selective Optosensing of Dopamine. <i>Nanomaterials</i> , 2019, 9, 693.	4.1	6
40	Toxicity assessment of organophosphorus in <i>Ruditapes decussatus</i> via physiological, chemical and biochemical determination: A case study with the compounds ¹³ C-oximo- and ¹³ C-amino-phosphonates and phosphine oxides. <i>Marine Pollution Bulletin</i> , 2021, 169, 112556.	5.0	6
41	Aerosol "Cell Exposure System Applied to Semi-Adherent Cells for Aerosolization of Lung Surfactant and Nanoparticles Followed by High Quality RNA Extraction. <i>Nanomaterials</i> , 2022, 12, 1362.	4.1	6
42	Validation of an air/liquid interface device for TiO ₂ nanoparticle toxicity assessment on NR8383 cells: preliminary results. <i>Cellular and Molecular Biology</i> , 2020, 66, 112-116.	0.9	4
43	Biological Effects and Applications of Bulk and Surface Acoustic Waves on In Vitro Cultured Mammal Cells: New Insights. <i>Biomedicines</i> , 2022, 10, 1166.	3.2	4
44	Comment on: S-nitrosoglutathione (GSNO) is cytotoxic to intracellular amastigotes and promotes healing of topically treated <i>Leishmania major</i> or <i>Leishmania braziliensis</i> skin lesions. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2300-2302.	3.0	3
45	Encapsulation of S-nitrosoglutathione: a transcriptomic validation. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 423-429.	2.0	1
46	Validation of an air/liquid interface device for TiO ₂ nanoparticle toxicity assessment on NR8383 cells: preliminary results. <i>Cellular and Molecular Biology</i> , 2020, 66, 112-116.	0.9	1
47	Influence of gold nanoparticle surface chemistry on macrophage reactivity. <i>Free Radical Biology and Medicine</i> , 2012, 53, S161-S162.	2.9	0
48	Translocation des particules ultrafines À travers le placenta, une revue des Résultats obtenus in vitro, ex vivo et in vivo. <i>Environnement, Risques Et Sante (discontinued)</i> , 2021, 20, 207-208.	0.1	0
49	Toxicité chronique et aiguë des aflatoxines : mécanismes d'action. <i>Environnement, Risques Et Sante (discontinued)</i> , 2020, 19, 294-295.	0.1	0