

Lydia-Marie Joubert

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,840
citations

331670

21
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

5798
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic structure of sensitive battery materials and interfaces revealed by cryo-electron microscopy. <i>Science</i> , 2017, 358, 506-510.	12.6	1,039
2	Engulfed cadherin fingers are polarized junctional structures between collectively migrating endothelial cells. <i>Nature Cell Biology</i> , 2016, 18, 1311-1323.	10.3	230
3	Single upconversion nanoparticle imaging at sub-10 W cm ⁻² irradiance. <i>Nature Photonics</i> , 2018, 12, 548-553.	31.4	193
4	Revealing the Cell-Material Interface with Nanometer Resolution by Focused Ion Beam/Scanning Electron Microscopy. <i>ACS Nano</i> , 2017, 11, 8320-8328.	14.6	152
5	Genetically targeted chemical assembly of functional materials in living cells, tissues, and animals. <i>Science</i> , 2020, 367, 1372-1376.	12.6	132
6	External push and internal pull forces recruit curvature-sensing N-BAR domain proteins to the plasma membrane. <i>Nature Cell Biology</i> , 2012, 14, 874-881.	10.3	120
7	Elevated AIM2-mediated pyroptosis triggered by hypercytotoxic <i>Francisella</i> mutant strains is attributed to increased intracellular bacteriolysis. <i>Cellular Microbiology</i> , 2011, 13, 1586-1600.	2.1	95
8	Design and Characterization of an Injectable Tendon Hydrogel: A Novel Scaffold for Guided Tissue Regeneration in the Musculoskeletal System. <i>Tissue Engineering - Part A</i> , 2014, 20, 1550-1561.	3.1	87
9	Tumor treating fields increases membrane permeability in glioblastoma cells. <i>Cell Death Discovery</i> , 2018, 4, 113.	4.7	79
10	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	70
11	Analysis of the <i>Aspergillus fumigatus</i> Biofilm Extracellular Matrix by Solid-State Nuclear Magnetic Resonance Spectroscopy. <i>Eukaryotic Cell</i> , 2015, 14, 1064-1072.	3.4	66
12	Pf4 bacteriophage produced by <i>Pseudomonas aeruginosa</i> inhibits <i>Aspergillus fumigatus</i> metabolism via iron sequestration. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1583-1594.	1.8	63
13	Contributions of <i>Francisella tularensis</i> subsp. <i>novicida</i> Chitinases and Sec Secretion System to Biofilm Formation on Chitin. <i>Applied and Environmental Microbiology</i> , 2010, 76, 596-608.	3.1	62
14	Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles. <i>Biomaterials</i> , 2014, 35, 803-813.	11.4	46
15	The hippocampal extracellular matrix regulates pain and memory after injury. <i>Molecular Psychiatry</i> , 2018, 23, 2302-2313.	7.9	43
16	Studies of the Extracellular Glycocalyx of the Anaerobic Cellulolytic Bacterium <i>Ruminococcus albus</i> 7. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7559-7566.	3.1	40
17	Bright sub-20-nm cathodoluminescent nanoprobe for electron microscopy. <i>Nature Nanotechnology</i> , 2019, 14, 420-425.	31.5	36
18	<i>Pseudomonas</i> phage inhibition of <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , 2017, 163, 1568-1577.	1.8	33

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19	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , 2021, 10, .	6.0	31
20	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16357-16362.	13.8	29
21	Adipose tissue-derived stem cells display a proangiogenic phenotype on 3D scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 383-393.	4.0	24
22	Visualization of <i>Aspergillus fumigatus</i> biofilms with Scanning Electron Microscopy and Variable Pressure-Scanning Electron Microscopy: A comparison of processing techniques. <i>Journal of Microbiological Methods</i> , 2017, 132, 46-55.	1.6	21
23	Spatiotemporal Tracking of Brain-Tumor-Associated Myeloid Cells <i>in Vivo</i> through Optical Coherence Tomography with Plasmonic Labeling and Speckle Modulation. <i>ACS Nano</i> , 2019, 13, 7985-7995.	14.6	18
24	<i>Aspergillus fumigatus</i> Biofilms: a Comparison of Processing Techniques for Scanning Electron Microscopy of Fungal Mycelium and Extracellular Matrix. <i>Microscopy and Microanalysis</i> , 2015, 21, 935-936.	0.4	17
25	Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering. <i>Cytotherapy</i> , 2016, 18, 510-517.	0.7	17
26	Integration of electron microscopy and solid-state NMR analysis for new views and compositional parameters of <i>Aspergillus fumigatus</i> biofilms. <i>Medical Mycology</i> , 2019, 57, S239-S244.	0.7	16
27	A Combination of Itraconazole and Amiodarone Is Highly Effective against <i>Trypanosoma cruzi</i> Infection of Human Stem Cell-Derived Cardiomyocytes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 383-391.	1.4	16
28	Visualization of Hydrogels with Variable-Pressure SEM. <i>Microscopy and Microanalysis</i> , 2009, 15, 1308-1309.	0.4	15
29	Designed Antimicrobial Peptides for Recurrent Vulvovaginal Candidiasis Treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	11
30	The antifungal and <i>Cryptococcus neoformans</i> virulence attenuating activity of <i>Pelargonium sidoides</i> extracts. <i>Journal of Ethnopharmacology</i> , 2019, 235, 122-132.	4.1	11
31	Formation of Polymeric Nanocubes by Self-Assembly and Crystallization of Dithiolane-Containing Triblock Copolymers. <i>Angewandte Chemie</i> , 2017, 129, 16575-16580.	2.0	7
32	Airtight container for the transfer of atmosphere-sensitive materials into vacuum-operated characterization instruments. <i>Review of Scientific Instruments</i> , 2011, 82, 123705.	1.3	6
33	SEM Visualization of Biological Samples using Hitachi Ionic Liquid HILEM [®] IL 1000: a Comparative Study. <i>Microscopy and Microanalysis</i> , 2016, 22, 1170-1171.	0.4	6
34	Intratendinous Injection of Hydrogel for Reseeding Decellularized Human Flexor Tendons. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1305e-1314e.	1.4	6
35	SEM and TEM for identification of capsular fibrosis and cellular behavior around breast implants – a descriptive analysis. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 25.	2.0	2
36	The Agony and the Ecstasy: Correlative Microscopy from Photons to Electrons and X-Rays. Lessons from Recent Case Studies.. <i>Microscopy and Microanalysis</i> , 2016, 22, 208-209.	0.4	0

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37	Cross-Training to shared standards at the national cryoEM centers using "Merit Badges". Microscopy and Microanalysis, 2021, 27, 1424-1425.	0.4	0
38	Correlative Light and Electron Microscopy (CLEM): Bringing Together the Best of Both Worlds to Study Neuronal Autophagy. Neuromethods, 2022, , 135-147.	0.3	0
39	Abstract 6258: Combining the glioblastoma cell membrane-permeabilizing effect of tumor treating fields with chemotherapy. , 2020, , .		0