Lydia-Marie Joubert

List of Publications by Year
in descending order

39	2,840	331670 21	361022 35
papers	citations	h-index	g-index

41	41	41	5798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Correlative Light and Electron Microscopy (CLEM): Bringing Together the Best of Both Worlds to Study Neuronal Autophagy. Neuromethods, 2022, , 135-147.	0.3	0
2	SEM and TEM for identification of capsular fibrosis and cellular behavior around breast implants â€“ a descriptive analysis. BMC Molecular and Cell Biology, 2021, 22, 25.	2.0	2
3	Cross-Training to shared standards at the national cryoEM centers using â€œMerit Badgesâ€: Microscopy and Microanalysis, 2021, 27, 1424-1425.	0.4	0
4	Vision, challenges and opportunities for a Plant Cell Atlas. ELife, 2021, 10, .	6.0	31
5	Genetically targeted chemical assembly of functional materials in living cells, tissues, and animals. Science, 2020, 367, 1372-1376.	12.6	132
6	Abstract 6258: Combining the glioblastoma cell membrane-permeabilizing effect of tumor treating fields with chemotherapy. , 2020, , .		0
7	Spatiotemporal Tracking of Brain-Tumor-Associated Myeloid Cells in Vivo through Optical Coherence Tomography with Plasmonic Labeling and Speckle Modulation. ACS Nano, 2019, 13, 7985-7995.	14.6	18
8	Designed Antimicrobial Peptides for Recurrent Vulvovaginal Candidiasis Treatment. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	11
9	Bright sub-20-nm cathodoluminescent nanoprobes for electron microscopy. Nature Nanotechnology, 2019, 14, 420-425.	31.5	36
10	Integration of electron microscopy and solid-state NMR analysis for new views and compositional parameters ofAspergillus fumigatusbiofilms. Medical Mycology, 2019, 57, S239-S244.	0.7	16
11	The antifungal and Cryptococcus neoformans virulence attenuating activity of Pelargonium sidoides extracts. Journal of Ethnopharmacology, 2019, 235, 122-132.	4.1	11
12	A Combination of Itraconazole and Amiodarone Is Highly Effective against Trypanosoma cruzi Infection of Human Stem Cellâ€“Derived Cardiomyocytes. American Journal of Tropical Medicine and Hygiene, 2019, 101, 383-391.	1.4	16
13	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. Science Translational Medicine, 2018, 10, .	12.4	70
14	Tumor treating fields increases membrane permeability in glioblastoma cells. Cell Death Discovery, 2018, 4, 113.	4.7	79
15	The hippocampal extracellular matrix regulates pain and memory after injury. Molecular Psychiatry, 2018, 23, 2302-2313.	7.9	43
16	Single upconversion nanoparticle imaging at sub-10 W cmâ^'2 irradiance. Nature Photonics, 2018, 12, 548-553.	31.4	193
17	Intratendinous Injection of Hydrogel for Reseeding Decellularized Human Flexor Tendons. Plastic and Reconstructive Surgery, 2017, 139, 1305e-1314e.	1.4	6
18	Atomic structure of sensitive battery materials and interfaces revealed by cryoâ€“electron microscopy. Science, 2017, 358, 506-510.	12.6	1,039

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19	Formation of Polymeric Nanocubes by Selfâ€Assembly and Crystallization of Dithiolaneâ€Containing Triblock Copolymers. Angewandte Chemie - International Edition, 2017, 56, 16357-16362.	13.8	29
20	Formation of Polymeric Nanocubes by Selfâ€Assembly and Crystallization of Dithiolaneâ€Containing Triblock Copolymers. Angewandte Chemie, 2017, 129, 16575-16580.	2.0	7
21	Revealing the Cellâ€“Material Interface with Nanometer Resolution by Focused Ion Beam/Scanning Electron Microscopy. ACS Nano, 2017, 11, 8320-8328.	14.6	152
22	Visualization of Aspergillus fumigatus biofilms with Scanning Electron Microscopy and Variable Pressure-Scanning Electron Microscopy: A comparison of processing techniques. Journal of Microbiological Methods, 2017, 132, 46-55.	1.6	21
23	Pseudomonas phage inhibition of Candida albicans. Microbiology (United Kingdom), 2017, 163, 1568-1577.	1.8	33
24	The Agony and the Ecstasy: Correlative Microscopy from Photons to Electrons and X-Rays. Lessons from Recent Case Studies.. Microscopy and Microanalysis, 2016, 22, 208-209.	0.4	0
25	SEM Visualization of Biological Samples using Hitachi Ionic Liquid HILEMÂ® IL 1000: a Comparative Study. Microscopy and Microanalysis, 2016, 22, 1170-1171.	0.4	6
26	Isolation and trans-differentiation of mesenchymal stromal cells into smooth muscle cells: Utility and applicability for cell-sheet engineering. Cytotherapy, 2016, 18, 510-517.	0.7	17
27	Engulfed cadherin fingers are polarized junctional structures between collectively migrating endothelialÂcells. Nature Cell Biology, 2016, 18, 1311-1323.	10.3	230
28	Pf4 bacteriophage produced by Pseudomonas aeruginosa inhibits Aspergillus fumigatus metabolism via iron sequestration. Microbiology (United Kingdom), 2016, 162, 1583-1594.	1.8	63
29	Aspergillus fumigatus Biofilms: a Comparison of Processing Techniques for Scanning Electron Microscopy of Fungal Mycelium and Extracellular Matrix. Microscopy and Microanalysis, 2015, 21, 935-936.	0.4	17
30	Analysis of the Aspergillus fumigatus Biofilm Extracellular Matrix by Solid-State Nuclear Magnetic Resonance Spectroscopy. Eukaryotic Cell, 2015, 14, 1064-1072.	3.4	66
31	Design and Characterization of an Injectable Tendon Hydrogel: A Novel Scaffold for Guided Tissue Regeneration in the Musculoskeletal System. Tissue Engineering - Part A, 2014, 20, 1550-1561.	3.1	87
32	Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles. Biomaterials, 2014, 35, 803-813.	11.4	46
33	External push and internal pull forces recruit curvature-sensing N-BAR domain proteins to the plasma membrane. Nature Cell Biology, 2012, 14, 874-881.	10.3	120
34	Elevated AIM2-mediated pyroptosis triggered by hypercytotoxic Francisella mutant strains is attributed to increased intracellular bacteriolysis. Cellular Microbiology, 2011, 13, 1586-1600.	2.1	95
35	Adipose tissueâ€derived stem cells display a proangiogenic phenotype on 3D scaffolds. Journal of Biomedical Materials Research - Part A, 2011, 98A, 383-393.	4.0	24
36	Airtight container for the transfer of atmosphere-sensitive materials into vacuum-operated characterization instruments. Review of Scientific Instruments, 2011, 82, 123705.	1.3	6

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37	Contributions ofFrancisella tularensissubsp.novicidaChitinases and Sec Secretion System to Biofilm Formation on Chitin. Applied and Environmental Microbiology, 2010, 76, 596-608.	3.1	62
38	Visualization of Hydrogels with Variable-Pressure SEM. Microscopy and Microanalysis, 2009, 15, 1308-1309.	0.4	15
39	Studies of the Extracellular Glycocalyx of the Anaerobic Cellulolytic Bacterium Ruminococcus albus 7. Applied and Environmental Microbiology, 2006, 72, 7559-7566.	3.1	40