

# Lara Leclerc

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4055930/publications.pdf>

Version: 2024-02-01

33  
papers

609  
citations

567144

15  
h-index

610775

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of cerium oxide nanoparticles shape on their in vitro cellular toxicity. <i>Toxicology in Vitro</i> , 2017, 38, 136-141.	1.1	107
2	Characterization of aerosols containing Legionella generated upon nebulization. <i>Scientific Reports</i> , 2016, 6, 33998.	1.6	43
3	Validation of Anatomical Models to Study Aerosol Deposition in Human Nasal Cavities. <i>Pharmaceutical Research</i> , 2014, 31, 228-237.	1.7	35
4	Impact of the Physicochemical Features of TiO <sub>2</sub> Nanoparticles on Their <i>In Vitro</i> Toxicity. <i>Chemical Research in Toxicology</i> , 2020, 33, 2324-2337.	1.7	33
5	Testicular biodistribution of silica-gold nanoparticles after intramuscular injection in mice. <i>Biomedical Microdevices</i> , 2015, 17, 66.	1.4	32
6	Impact of Airborne Particle Size, Acoustic Airflow and Breathing Pattern on Delivery of Nebulized Antibiotic into the Maxillary Sinuses Using a Realistic Human Nasal Replica. <i>Pharmaceutical Research</i> , 2014, 31, 2335-2343.	1.7	28
7	Metals distribution in colorectal biopsies: New insight on the elemental fingerprint of tumour tissue. <i>Digestive and Liver Disease</i> , 2015, 47, 602-607.	0.4	28
8	Development of an ex vivo human-porcine respiratory model for preclinical studies. <i>Scientific Reports</i> , 2017, 7, 43121.	1.6	23
9	Reuse of medical face masks in domestic and community settings without sacrificing safety: Ecological and economical lessons from the Covid-19 pandemic. <i>Chemosphere</i> , 2022, 288, 132364.	4.2	23
10	Micron-sized and submicron-sized aerosol deposition in a new ex vivo preclinical model. <i>Respiratory Research</i> , 2016, 17, 78.	1.4	22
11	Impact of acoustic airflow on intrasinus drug deposition: New insights into the vibrating mode and the optimal acoustic frequency to enhance the delivery of nebulized antibiotic. <i>International Journal of Pharmaceutics</i> , 2015, 494, 227-234.	2.6	21
12	Assessment of nanoparticles and metal exposure of airport workers using exhaled breath condensate. <i>Journal of Breath Research</i> , 2016, 10, 036006.	1.5	21
13	New insights into the standard method of assessing bacterial filtration efficiency of medical face masks. <i>Scientific Reports</i> , 2021, 11, 5887.	1.6	18
14	Assessing sinus aerosol deposition: Benefits of SPECT-CT imaging. <i>International Journal of Pharmaceutics</i> , 2014, 462, 135-141.	2.6	17
15	Towards an alternative to nano-QSAR for nanoparticle toxicity ranking in case of small datasets. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	16
16	A new Strategy to Improve Drug Delivery to the Maxillary Sinuses: The Frequency Sweep Acoustic Airflow. <i>Pharmaceutical Research</i> , 2016, 33, 1074-1084.	1.7	14
17	Effect of E Cigarette Emissions on Tracheal Cells Monitored at the Air-Liquid Interface Using an Organic Electrochemical Transistor. <i>Advanced Biology</i> , 2019, 3, e1800249.	3.0	14
18	A valuable experimental setup to model exposure to Legionella™s aerosols generated by shower-like systems. <i>Water Research</i> , 2020, 172, 115496.	5.3	13

#	ARTICLE	IF	CITATIONS
19	Toward smart Nebulization: Engineering acoustic airflow to penetrate maxillary sinuses in chronic rhinosinusitis. <i>International Journal of Pharmaceutics</i> , 2018, 546, 188-193.	2.6	12
20	Impact of the chemical composition of poly-substituted hydroxyapatite particles on the in vitro pro-inflammatory response of macrophages. <i>Biomedical Microdevices</i> , 2016, 18, 27.	1.4	11
21	Metal load assessment in patient pulmonary lavages: towards a comprehensive mineralogical analysis including the nano-sized fraction. <i>Nanotoxicology</i> , 2017, 11, 1211-1224.	1.6	9
22	Development of an ex vivo respiratory pediatric model of bronchopulmonary dysplasia for aerosol deposition studies. <i>Scientific Reports</i> , 2019, 9, 5720.	1.6	9
23	Development of an ex vivo preclinical respiratory model of idiopathic pulmonary fibrosis for aerosol regional studies. <i>Scientific Reports</i> , 2019, 9, 17949.	1.6	9
24	Nano to micron-sized particle detection in patients' lungs and its pathological significance. <i>Environmental Science: Nano</i> , 2019, 6, 1343-1350.	2.2	7
25	Aerosol delivery during invasive mechanical ventilation: development of a preclinical ex vivo respiratory model for aerosol regional deposition. <i>Scientific Reports</i> , 2019, 9, 17930.	1.6	7
26	Experimental human-like model to assess the part of viable <i>Legionella</i> reaching the thoracic region after nebulization. <i>PLoS ONE</i> , 2017, 12, e0186042.	1.1	7
27	Elemental fingerprint of human amniotic fluids and relationship with potential sources of maternal exposure. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 60, 126477.	1.5	6
28	Reusability of face masks: Influence of washing and comparison of performance between medical face masks and community face masks. <i>Environmental Technology and Innovation</i> , 2022, 28, 102710.	3.0	6
29	Quantitative cellular uptake of double fluorescent core-shelled model submicronic particles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	5
30	Aerosol regional deposition of electronic cigarette emissions using an original ex vivo respiratory model. <i>Journal of Aerosol Science</i> , 2021, 151, 105633.	1.8	5
31	Risk Exposure to <i>Legionella pneumophila</i> during Showering: The Difference between a Classical and a Water Saving Shower System. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3285.	1.2	5
32	&lt;p&gt;Nebulised Gadolinium-Based Nanoparticles for a Multimodal Approach: Quantitative and Qualitative Lung Distribution Using Magnetic Resonance and Scintigraphy Imaging in Isolated Ventilated Porcine Lungs&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7251-7262.	3.3	3
33	COLOR SEGMENTATION OF MGG COLORED CYTOLOGICAL IMAGES USING NON LINEAR OPPONENT COLOR SPACES. <i>Image Analysis and Stereology</i> , 2013, 32, 167.	0.4	0