

Mariangela Macchione

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,027
citations

361413

20
h-index

477307

29
g-index

55
all docs

55
docs citations

55
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of chronic exposure to traffic derived air pollution on the ocular surface. <i>Environmental Research</i> , 2010, 110, 372-374.	7.5	106
2	Ambient Levels of Air Pollution Induce Goblet-Cell Hyperplasia in Human Conjunctival Epithelium. <i>Environmental Health Perspectives</i> , 2007, 115, 1753-1756.	6.0	98
3	Effects of a heat and moisture exchanger and a heated humidifier on respiratory mucus in patients undergoing mechanical ventilation. <i>Critical Care Medicine</i> , 2000, 28, 312-317.	0.9	58
4	Effects of São Paulo air pollution on the upper airways of mice. <i>Environmental Research</i> , 2006, 101, 356-361.	7.5	43
5	Composition of Diesel Particles Influences Acute Pulmonary Toxicity: An Experimental Study in MICE. <i>Inhalation Toxicology</i> , 2008, 20, 1037-1042.	1.6	37
6	Effects of Cigarette Smoking Intensity on the Mucociliary Clearance of Active Smokers. <i>Respiration</i> , 2013, 86, 479-485.	2.6	35
7	The effects of particulate matter on inflammation of respiratory system: Differences between male and female. <i>Science of the Total Environment</i> , 2017, 586, 284-295.	8.0	35
8	Nrf2 positively regulates autophagy antioxidant response in human bronchial epithelial cells exposed to diesel exhaust particles. <i>Scientific Reports</i> , 2020, 10, 3704.	3.3	34
9	Acute exposure to diesel and sewage biodiesel exhaust causes pulmonary and systemic inflammation in mice. <i>Science of the Total Environment</i> , 2018, 628-629, 1223-1233.	8.0	31
10	In vitro mucus transportability, cytogenotoxicity, and hematological changes as non-destructive physiological biomarkers in fish chronically exposed to metals. <i>Ecotoxicology and Environmental Safety</i> , 2015, 112, 162-168.	6.0	30
11	Th17/Treg imbalance in COPD progression: A temporal analysis using a CS-induced model. <i>PLoS ONE</i> , 2019, 14, e0209351.	2.5	30
12	Primary ciliary dyskinesia: evaluation using cilia beat frequency assessment via spectral analysis of digital microscopy images. <i>Journal of Applied Physiology</i> , 2011, 111, 295-302.	2.5	27
13	Chronic Exposure to Urban Air Pollution Induces Structural Alterations in Murine Pulmonary and Coronary Arteries. <i>Inhalation Toxicology</i> , 2006, 18, 247-253.	1.6	23
14	Diesel exhaust particulates affect cell signaling, mucin profiles, and apoptosis in trachea explants of Balb/C mice. <i>Environmental Toxicology</i> , 2015, 30, 1297-1308.	4.0	23
15	Inhibition of MAPK and STAT3-SOCS3 by Sakuranetin Attenuated Chronic Allergic Airway Inflammation in Mice. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	3.0	23
16	Effects of different mechanical ventilation strategies on the mucociliary system. <i>Intensive Care Medicine</i> , 2011, 37, 132-140.	8.2	22
17	Nasal and systemic inflammatory profile after short term smoking cessation. <i>Respiratory Medicine</i> , 2014, 108, 999-1006.	2.9	22
18	Acute cardiopulmonary effects induced by the inhalation of concentrated ambient particles during seasonal variation in the city of São Paulo. <i>Journal of Applied Physiology</i> , 2014, 117, 492-499.	2.5	21

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19	Chronic exposure of diesel exhaust particles induces alveolar enlargement in mice. <i>Respiratory Research</i> , 2015, 16, 18.	3.6	21
20	Human bronchial epithelial cells exposed in vitro to diesel exhaust particles exhibit alterations in cell rheology and cytotoxicity associated with decrease in antioxidant defenses and imbalance in pro- and anti-apoptotic gene expression. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9862-9870.	5.3	21
21	MODELING THE AIRWAY EPITHELIUM IN ALLERGIC ASTHMA: INTERLEUKIN-13 INDUCED EFFECTS IN DIFFERENTIATED MURINE TRACHEAL EPITHELIAL CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2005, 41, 217.	1.5	19
22	Evaluation of the mutagenic potential of urban air pollution in São Paulo, Southeastern Brazil, using the Tradescantiastamen-hair assay. <i>Environmental Toxicology</i> , 2004, 19, 578-584.	4.0	18
23	Tradescantia pallida cv. <i>purpurea</i> Boom in the Characterization of Air Pollution by Accumulation of Trace Elements. <i>Journal of the Air and Waste Management Association</i> , 2003, 53, 574-579.	1.9	16
24	Methods for Studying Mucociliary Transport. <i>Brazilian Journal of Otorhinolaryngology</i> , 2007, 73, 704-712.	1.0	16
25	Nasal Mucociliary Clearance in Subjects With COPD After Smoking Cessation. <i>Respiratory Care</i> , 2015, 60, 399-405.	1.6	16
26	Métodos de estudo do transporte mucociliar. <i>Revista Brasileira De Otorrinolaringologia</i> , 2007, 73, 704-712.	0.2	15
27	pH in exhaled breath condensate and nasal lavage as a biomarker of air pollution-related inflammation in street traffic-controllers and office-workers. <i>Clinics</i> , 2013, 68, 1488-1494.	1.5	15
28	Severe pulmonary disease in an adult primary ciliary dyskinesia population in Brazil. <i>Scientific Reports</i> , 2019, 9, 8693.	3.3	15
29	Effectiveness of the 40-Minute Handmade Manikin Program to Teach Hands-on Cardiopulmonary Resuscitation at School Communities. <i>American Journal of Cardiology</i> , 2021, 139, 126-130.	1.6	15
30	Repeated intranasal exposure to microcystin-LR affects lungs but not nasal epithelium in mice. <i>Toxicol</i> , 2015, 104, 14-18.	1.6	14
31	Vesicular acetylcholine transport deficiency potentiates some inflammatory responses induced by diesel exhaust particles. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 494-504.	6.0	14
32	Chemical composition modulates the adverse effects of particles on the mucociliary epithelium. <i>Clinics</i> , 2015, 70, 706-713.	1.5	14
33	Anti-oxidants reduce the acute adverse effects of residual oil fly ash on the frog palate mucociliary epithelium. <i>Environmental Research</i> , 2005, 98, 349-354.	7.5	13
34	Avaliação da qualidade de vida relacionada à saúde de cortadores de cana-de-açúcar nos períodos de entressafra e safra. <i>Revista De Saude Publica</i> , 2012, 46, 1058-1065.	1.7	11
35	Viscoelastic Properties of Bronchial Mucus After Respiratory Physiotherapy in Subjects With Bronchiectasis. <i>Respiratory Care</i> , 2015, 60, 724-730.	1.6	11
36	Enriched inorganic compounds in diesel exhaust particles induce mitogen-activated protein kinase activation, cytoskeleton instability, and cytotoxicity in human bronchial epithelial cells. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 323-329.	2.1	10

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37	Effects of Aerosolized Amiloride on Mucociliary Transport Velocity and Transepithelial Potential Difference in Isolated Frog Palate. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 1995, 8, 167-176.	1.2	9
38	Organic and Inorganic Fractions of Diesel Exhaust Particles Produce Changes in Mucin Profile of Mouse Trachea Explants. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 215-225.	2.3	9
39	Low-dose chlorine exposure impairs lung function, inflammation and oxidative stress in mice. <i>Life Sciences</i> , 2021, 267, 118912.	4.3	9
40	Acute Effects of Uridine 5â€²-Triphosphate on Mucociliary Clearance in Isolated Frog Palate. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 1997, 10, 25-39.	1.2	8
41	Salbutamol improves markers of epithelial function in mice with chronic allergic pulmonary inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 155-161.	1.6	8
42	Effects of organic and inorganic compounds of diesel exhaust particles on the mucociliary epithelium: An experimental study on the frog palate preparation. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 608-614.	6.0	4
43	Physicochemical properties and toxicological assessment of modified CdS nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	3
44	Interleukin-13, a Mediator of Subepithelial Fibrosis, Enhances Growth Factor Production and Proliferation in Human Airway Epithelial Cells. <i>Chest</i> , 2001, 120, S15.	0.8	2
45	Nasal mucus transportability in children with cleft palate. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2008, 72, 581-585.	1.0	2
46	Expression patterns of peroxiredoxin genes in bronchial epithelial cells exposed to diesel exhaust particles. <i>Experimental and Molecular Pathology</i> , 2021, 120, 104641.	2.1	1
47	Air Pollution, Oxidative Stress and Pulmonary Defense. , 2010, , 231-237.		0
48	Effects Of Cigarette Smoke Associated To Diesel Exhaust Particles In Mice. , 2011, ,		0
49	Effects of intrauterine exposure to concentrated ambient particles on allergic sensitization in juvenile mice. <i>Toxicology</i> , 2021, 463, 152970.	4.2	0
50	Modeling the Airway Epithelium in Allergic Asthma: Interleukin-13-induced Effects in Differentiated Murine Tracheal Epithelial Cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2005, ,	1.5	0
51	Effects of air pollution on inflammation of respiratory system: Differences between male and female. , 2015, ,		0
52	Sakuranetin treatment from baccharis retusa reduces acid mucus in a murine model of asthma. , 2016, ,		0
53	Regulatory T cells in COPD development: How the animal model resembles the human pathophysiological features. , 2017, ,		0
54	Relationship between Nrf2-Keap1 system and cell death in BEAS-2B exposed to Diesel Exhaust Particles. , 2017, ,		0

#	ARTICLE	IF	CITATIONS
55	Effects of Intrauterine Exposure to Concentrated Ambient Particles on Mice Offspring Sensitized with House Dust Mite. , 2017, , .		0