Mariangela Macchione

List of Publications by Year
in descending order

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	Effectiveness of the 40-Minute Handmade Manikin Program to Teach Hands-on Cardiopulmonary Resuscitation at School Communities. American Journal of Cardiology, 2021, 139, 126-130.	1.6	15
2	Low-dose chlorine exposure impairs lung function, inflammation and oxidative stress in mice. Life Sciences, 2021, 267, 118912.	4.3	9
3	Expression patterns of peroxiredoxin genes in bronchial epithelial cells exposed to diesel exhaust particles. Experimental and Molecular Pathology, 2021, 120, 104641.	2.1	1
4	Effects of intrauterine exposure to concentrated ambient particles on allergic sensitization in juvenile mice. Toxicology, 2021, 463, 152970.	4.2	0
5	Nrf2 positively regulates autophagy antioxidant response in human bronchial epithelial cells exposed to diesel exhaust particles. Scientific Reports, 2020, 10, 3704.	3.3	34
6	Th17/Treg imbalance in COPD progression: A temporal analysis using a CS-induced model. PLoS ONE, 2019, 14, e0209351.	2.5	30
7	Inhibition of MAPK and STAT3-SOCS3 by Sakuranetin Attenuated Chronic Allergic Airway Inflammation in Mice. Mediators of Inflammation, 2019, 2019, 1-14.	3.0	23
8	Severe pulmonary disease in an adult primary ciliary dyskinesia population in Brazil. Scientific Reports, 2019, 9, 8693.	3.3	15
9	Vesicular acetylcholine transport deficiency potentiates some inflammatory responses induced by diesel exhaust particles. Ecotoxicology and Environmental Safety, 2019, 167, 494-504.	6.0	14
10	Acute exposure to diesel and sewage biodiesel exhaust causes pulmonary and systemic inflammation in mice. Science of the Total Environment, 2018, 628-629, 1223-1233.	8.0	31
11	Effects of organic and inorganic compounds of diesel exhaust particles on the mucociliary epithelium: An experimental study on the frog palate preparation. Ecotoxicology and Environmental Safety, 2018, 148, 608-614.	6.0	4
12	The effects of particulate matter on inflammation of respiratory system: Differences between male and female. Science of the Total Environment, 2017, 586, 284-295.	8.0	35
13	Regulatory T cells in COPD development: How the animal model resembles the human pathophysiological features. , 2017, , .		0
14	Relationship between Nrf2-Keap1 system and cell death in BEAS-2B exposed to Diesel Exhaust Particles. , 2017, , .		0
15	Effects of Intrauterine Exposure to Concentrated Ambient Particles on Mice Offspring Sensitized with House Dust Mite. , 2017, , .		0
16	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. Environmental Science and Pollution Research, 2016, 23, 9862-9870.	5.3	21
17	Sakuranetin treatment frombaccharis retusareduces acid mucus in a murine model of asthma. , 2016, , .		0
18	Diesel exhaust particulates affect cell signaling, mucin profiles, and apoptosis in trachea explants of Balb/C mice. Environmental Toxicology, 2015, 30, 1297-1308.	4.0	23

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19	Nasal Mucociliary Clearance in Subjects With COPD After Smoking Cessation. Respiratory Care, 2015, 60, 399-405.	1.6	16
20	Viscoelastic Properties of Bronchial Mucus After Respiratory Physiotherapy in Subjects With Bronchiectasis. Respiratory Care, 2015, 60, 724-730.	1.6	11
21	Repeated intranasal exposure to microcystin-LR affects lungs but not nasal epithelium in mice. Toxicon, 2015, 104, 14-18.	1.6	14
22	Organic and Inorganic Fractions of Diesel Exhaust Particles Produce Changes in Mucin Profile of Mouse Trachea Explants. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 215-225.	2.3	9
23	Enriched inorganic compounds in diesel exhaust particles induce mitogen-activated protein kinase activation, cytoskeleton instability, and cytotoxicity in human bronchial epithelial cells. Experimental and Toxicologic Pathology, 2015, 67, 323-329.	2.1	10
24	Chronic exposure of diesel exhaust particles induces alveolar enlargement in mice. Respiratory Research, 2015, 16, 18.	3.6	21
25	In vitro mucus transportability, cytogenotoxicity, and hematological changes as non-destructive physiological biomarkers in fish chronically exposed to metals. Ecotoxicology and Environmental Safety, 2015, 112, 162-168.	6.0	30
26	Chemical composition modulates the adverse effects of particles on the mucociliary epithelium. Clinics, 2015, 70, 706-713.	1.5	14
27	Effects of air pollution on inflammation of respiratory system: Differences between male and female. , 2015, , .		0
28	Acute cardiopulmonary effects induced by the inhalation of concentrated ambient particles during seasonal variation in the city of SÃ£o Paulo. Journal of Applied Physiology, 2014, 117, 492-499.	2.5	21
29	Physicochemical properties and toxicological assessment of modified CdS nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
30	Nasal and systemic inflammatory profile after short term smoking cessation. Respiratory Medicine, 2014, 108, 999-1006.	2.9	22
31	Effects of Cigarette Smoking Intensity on the Mucociliary Clearance of Active Smokers. Respiration, 2013, 86, 479-485.	2.6	35
32	pH in exhaled breath condensate and nasal lavage as a biomarker of air pollution-related inflammation in street traffic-controllers and office-workers. Clinics, 2013, 68, 1488-1494.	1.5	15
33	AvaliaÃ§Ã£o da qualidade de vida relacionada Ã saÃºde de cortadores de cana-de-aÃ§Ãºcar nos perÃodos de entressafra e safra. Revista De Saude Publica, 2012, 46, 1058-1065.	1.7	11
34	Effects Of Cigarette Smoke Associated To Diesel Exhaust Particles In Mice. , 2011, , .		0
35	Primary ciliary dyskinesia: evaluation using cilia beat frequency assessment via spectral analysis of digital microscopy images. Journal of Applied Physiology, 2011, 111, 295-302.	2.5	27
36	Salbutamol improves markers of epithelial function in mice with chronic allergic pulmonary inflammation. Respiratory Physiology and Neurobiology, 2011, 177, 155-161.	1.6	8

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37	Effects of different mechanical ventilation strategies on the mucociliary system. Intensive Care Medicine, 2011, 37, 132-140.	8.2	22
38	Air Pollution, Oxidative Stress and Pulmonary Defense. , 2010, , 231-237.		0
39	The effects of chronic exposure to traffic derived air pollution on the ocular surface. Environmental Research, 2010, 110, 372-374.	7.5	106
40	Nasal mucus transportability in children with cleft palate. International Journal of Pediatric Otorhinolaryngology, 2008, 72, 581-585.	1.0	2
41	Composition of Diesel Particles Influences Acute Pulmonary Toxicity: An Experimental Study in MICE. Inhalation Toxicology, 2008, 20, 1037-1042.	1.6	37
42	Methods for Studying Mucociliary Transport. Brazilian Journal of Otorhinolaryngology, 2007, 73, 704-712.	1.0	16
43	Ambient Levels of Air Pollution Induce Goblet-Cell Hyperplasia in Human Conjunctival Epithelium. Environmental Health Perspectives, 2007, 115, 1753-1756.	6.0	98
44	MÃ©todos de estudo do transporte mucociliar. Revista Brasileira De Otorrinolaringologia, 2007, 73, 704-712.	0.2	15
45	Effects of SÃ£o Paulo air pollution on the upper airways of mice. Environmental Research, 2006, 101, 356-361.	7.5	43
46	Chronic Exposure to Urban Air Pollution Induces Structural Alterations in Murine Pulmonary and Coronary Arteries. Inhalation Toxicology, 2006, 18, 247-253.	1.6	23
47	Anti-oxidants reduce the acute adverse effects of residual oil fly ash on the frog palate mucociliary epithelium. Environmental Research, 2005, 98, 349-354.	7.5	13
48	MODELING THE AIRWAY EPITHELIUM IN ALLERGIC ASTHMA: INTERLEUKIN-13â€“ INDUCED EFFECTS IN DIFFERENTIATED MURINE TRACHEAL EPITHELIAL CELLS. In Vitro Cellular and Developmental Biology - Animal, 2005, 41, 217.	1.5	19
49	Modeling the Airway Epithelium in Allergic Asthma: Interleukin-13-induced Effects in Differentiated Murine Tracheal Epithelial Cells. In Vitro Cellular and Developmental Biology - Animal, 2005, , .	1.5	0
50	Evaluation of the mutagenic potential of urban air pollution in SÃ£o Paulo, Southeastern Brazil, using theTradescantiastamen-hair assay. Environmental Toxicology, 2004, 19, 578-584.	4.0	18
51	Tradescantia pallida cv. purpurea Boom in the Characterization of Air Pollution by Accumulation of Trace Elements. Journal of the Air and Waste Management Association, 2003, 53, 574-579.	1.9	16
52	Interleukin-13, a Mediator of Subepithelial Fibrosis, Enhances Growth Factor Production and Proliferation in Human Airway Epithelial Cells. Chest, 2001, 120, S15.	0.8	2
53	Effects of a heat and moisture exchanger and a heated humidifier on respiratory mucus in patients undergoing mechanical ventilation. Critical Care Medicine, 2000, 28, 312-317.	0.9	58
54	Acute Effects of Uridine 5â€²-Triphosphate on Mucociliary Clearance in Isolated Frog Palate. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 1997, 10, 25-39.	1.2	8

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55	Effects of Aerosolized Amiloride on Mucociliary Transport Velocity and Transepithelial Potential Difference in Isolated Frog Palate. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 1995, 8, 167-176.	1.2	9