Francesca Alessandrini

List of Publications by Year
in descending order

30 papers	1,057 citations	361413 20 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	1964 citing authors

#	Article	IF	Citations
1	IL-12 protects from psoriasiform skin inflammation. Nature Communications, 2016, 7, 13466.	12.8	151
2	Effects of ultrafine carbon particle inhalation on allergic inflammation of the lung. Journal of Allergy and Clinical Immunology, 2006, 117, 824-830.	2.9	147
3	Role of Oxidative Stress in Ultrafine Particleâ€“induced Exacerbation of Allergic Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 984-991.	5.6	90
4	Artemisia pollen is the main vector for airborne endotoxin. Journal of Allergy and Clinical Immunology, 2019, 143, 369-377.e5.	2.9	50
5	Pro-Inflammatory versus Immunomodulatory Effects of Silver Nanoparticles in the Lung: The Critical Role of Dose, Size and Surface Modification. Nanomaterials, 2017, 7, 300.	4.1	48
6	Surface modifications of silica nanoparticles are crucial for their inert versus proinflammatory and immunomodulatory properties. International Journal of Nanomedicine, 2014, 9, 2815.	6.7	46
7	Effects of ultrafine particles-induced oxidative stress on Clara cells in allergic lung inflammation. Particle and Fibre Toxicology, 2010, 7, 11.	6.2	35
8	Pollenâ€derived adenosine is a necessary cofactor for ragweed allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 944-954.	5.7	35
9	Ragweed plants grown under elevated CO₂ levels produce pollen which elicit stronger allergic lung inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1718-1730.	5.7	35
10	Ultrafine particles affect the balance of endogenous pro- and anti-inflammatory lipid mediators in the lung: in-vitro and in-vivo studies. Particle and Fibre Toxicology, 2012, 9, 27.	6.2	34
11	<scp>IL</scp>â€4 receptor Î± blockade prevents sensitization and alters acute and longâ€lasting effects of allergenâ€specific immunotherapy of murine allergic asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1549-1560.	5.7	33
12	Pollen-derived nonallergenic substances enhance Th2-induced IgE production in B cells. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1450-1460.	5.7	30
13	Total and Regional Deposition of Ultrafine Particles in a Mouse Model of Allergic Inflammation of the Lung. Inhalation Toxicology, 2008, 20, 585-593.	1.6	29
14	Pulmonary microRNA profiles identify involvement of Creb1 and Sec14l3 in bronchial epithelial changes in allergic asthma. Scientific Reports, 2017, 7, 46026.	3.3	29
15	Mimicking Antigen-Driven Asthma in Rodent Modelsâ€"How Close Can We Get?. Frontiers in Immunology, 2020, 11, 575936.	4.8	29
16	Effects of ultrafine particles on the allergic inflammation in the lung of asthmatics: results of a double-blinded randomized cross-over clinical pilot study. Particle and Fibre Toxicology, 2014, 11, 39.	6.2	26
17	Environmental Pollution and Allergy: Historical Aspects. Chemical Immunology and Allergy, 2014, 100, 268-277.	1.7	25
18	Differential Effects of Surface-Functionalized Zirconium Oxide Nanoparticles on Alveolar Macrophages, Rat Lung, and a Mouse Allergy Model. Nanomaterials, 2017, 7, 280.	4.1	24

#	Article	IF	Citations
19	Specific CD8 T Cells in IgE-mediated Allergy Correlate with Allergen Dose and Allergic Phenotype. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 7-16.	5.6	23
20	Identification of immunological relevant phenotypes in ENU mutagenized mice. Mammalian Genome, 2000, 11, 526-527.	2.2	22
21	Improved efficacy of allergen-specific immunotherapy by JAK inhibition in a murine model of allergic asthma. PLoS ONE, 2017, 12, e0178563.	2.5	18
22	Permeability Barrier Disruption Increases the Level of Serine Palmitoyltransferase in Human Epidermis. Journal of Investigative Dermatology, 2002, 119, 1048-1052.	0.7	17
23	Specific Surface Modifications of Silica Nanoparticles Diminish Inflammasome Activation and In Vivo Expression of Selected Inflammatory Genes. Nanomaterials, 2017, 7, 355.	4.1	16
24	An exhausted phenotype of T H 2 cells is primed by allergen exposure, but not reinforced by allergenâ€specific immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2827-2839.	5.7	16
25	ILâ€10 signaling in dendritic cells is required for tolerance induction in a murine model of allergic airway inflammation. European Journal of Immunology, 2019, 49, 302-312.	2.9	14
26	TGF-Î²1 Drives Inflammatory Th Cell But Not Treg Cell Compartment Upon Allergen Exposure. Frontiers in Immunology, 2021, 12, 763243.	4.8	13
27	Lung Epithelial CYP1 Activity Regulates Aryl Hydrocarbon Receptor Dependent Allergic Airway Inflammation. Frontiers in Immunology, 0, 13, .	4.8	7
28	Immunological effects of adjuvanted lowâ€dose allergoid allergenâ€specific immunotherapy in experimental murine house dust mite allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 907-919.	5.7	6
29	Microbial dysbiosis in a mouse model of atopic dermatitis mimics shifts in human microbiome and correlates with the key proâ€inflammatory cytokines ILâ€4, ILâ€33 and TSLP. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 705-716.	2.4	6
30	Differential effects of lung inflammation on insulin resistance in humans and mice. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2482-2497.	5.7	3