Paola Italiani

List of Publications by Year
in descending order

46 papers	3,922 citations	257450 24 h-index	233421 45 g-index
46 all docs	46 docs citations	46 times ranked	7194 citing authors

#	Article	IF	Citations
1	From Monocytes to M1/M2 Macrophages: Phenotypical vs. Functional Differentiation. Frontiers in Immunology, 2014, 5, 514.	4.8	1,499
2	IL-37: a new anti-inflammatory cytokine of the IL-1 family. European Cytokine Network, 2011, 22, 127-147.	2.0	302
3	The family of the interleukinâ€1 receptors. Immunological Reviews, 2018, 281, 197-232.	6.0	252
4	Nanoparticles and innate immunity: new perspectives on host defence. Seminars in Immunology, 2017, 34, 33-51.	5.6	244
5	Problems and challenges in the development and validation of human cell-based assays to determine nanoparticle-induced immunomodulatory effects. Particle and Fibre Toxicology, 2011, 8, 8.	6.2	170
6	Innate Immune Memory in Invertebrate Metazoans: A Critical Appraisal. Frontiers in Immunology, 2018, 9, 1915.	4.8	121
7	Immunomodulatory activity of andrographolide on macrophage activation and specific antibody response. Acta Pharmacologica Sinica, 2010, 31, 191-201.	6.1	100
8	Interaction of nanoparticles with immunocompetent cells: nanosafety considerations. Nanomedicine, 2012, 7, 121-131.	3.3	100
9	A relationship between oxytocin and anxiety of romantic attachment. Clinical Practice and Epidemiology in Mental Health, 2006, 2, 28.	1.2	99
10	The IL-1 family cytokines and receptors in autoimmune diseases. Autoimmunity Reviews, 2020, 19, 102617.	5.8	87
11	Transcriptomic Profiling of the Development of the Inflammatory Response in Human Monocytes In Vitro. PLoS ONE, 2014, 9, e87680.	2.5	81
12	Bacterial endotoxin (lipopolysaccharide) binds to the surface of gold nanoparticles, interferes with biocorona formation and induces human monocyte inflammatory activation. Nanotoxicology, 2017, 11, 1157-1175.	3.0	80
13	Immunosenescence and vaccine failure in the elderly: Strategies for improving response. Immunology Letters, 2014, 162, 346-353.	2.5	78
14	Innate Immune Memory: Time for Adopting a Correct Terminology. Frontiers in Immunology, 2018, 9, 799.	4.8	77
15	New Insights Into Tissue Macrophages: From Their Origin to the Development of Memory. Immune Network, 2015, 15, 167.	3.6	53
16	From Antigen Delivery System to Adjuvanticy: The Board Application of Nanoparticles in Vaccinology. Vaccines, 2015, 3, 930-939.	4.4	52
17	Optimising the use of commercial LAL assays for the analysis of endotoxin contamination in metal colloids and metal oxide nanoparticles. Nanotoxicology, 2015, 9, 462-473.	3.0	52
18	Different Regulation of Interleukin-1 Production and Activity in Monocytes and Macrophages: Innate Memory as an Endogenous Mechanism of IL-1 Inhibition. Frontiers in Pharmacology, 2017, 8, 335.	3.5	50

#	Article	IF	Citations
19	Bovine colon organoids: From 3D bioprinting to cryopreserved multi-well screening platforms. Toxicology in Vitro, 2019, 61, 104606.	2.4	44
20	Assessing the Immunosafety of Engineered Nanoparticles with a Novel in Vitro Model Based on Human Primary Monocytes. ACS Applied Materials & Interfaces, 2016, 8, 28437-28447.	8.0	39
21	Addressing Nanomaterial Immunosafety by Evaluating Innate Immunity across Living Species. Small, 2020, 16, e2000598.	10.0	35
22	Induction of Innate Immune Memory by Engineered Nanoparticles: A Hypothesis That May Become True. Frontiers in Immunology, 2017, 8, 734.	4.8	29
23	Towards bio-compatible magnetic nanoparticles: Immune-related effects, in-vitro internalization, and in-vivo bio-distribution of zwitterionic ferrite nanoparticles with unexpected renal clearance. Journal of Colloid and Interface Science, 2021, 582, 678-700.	9.4	27
24	Gold Nanoparticles Modulate BCG-Induced Innate Immune Memory in Human Monocytes by Shifting the Memory Response towards Tolerance. Cells, 2020, 9, 284.	4.1	25
25	The Impact of Nanoparticles on Innate Immune Activation by Live Bacteria. International Journal of Molecular Sciences, 2020, 21, 9695.	4.1	19
26	Profiling the Course of Resolving vs. Persistent Inflammation in Human Monocytes: The Role of IL-1 Family Molecules. Frontiers in Immunology, 2020, 11, 1426.	4.8	18
27	Induction of Innate Immune Memory by Engineered Nanoparticles in Monocytes/Macrophages: From Hypothesis to Reality. Frontiers in Immunology, 2020, 11, 566309.	4.8	18
28	IL-1 family cytokines and receptors in IgG4-related disease. Cytokine, 2018, 102, 145-148.	3.2	17
29	Probing the immune responses to nanoparticles across environmental species. A perspective of the EU Horizon 2020 project PANDORA. Environmental Science: Nano, 2020, 7, 3216-3232.	4.3	17
30	Interaction of nanoparticles with endotoxin Importance in nanosafety testing and exploitation for endotoxin binding. Nanotoxicology, 2021, 15, 558-576.	3.0	16
31	Interaction between Macrophages and Nanoparticles: In Vitro 3D Cultures for the Realistic Assessment of Inflammatory Activation and Modulation of Innate Memory. Nanomaterials, 2021, 11, 207.	4.1	15
32	In Vitro-Generated Hypertrophic-Like Adipocytes Displaying PPARG Isoforms Unbalance Recapitulate Adipocyte Dysfunctions In Vivo. Cells, 2020, 9, 1284.	4.1	14
33	Binding of 3H-WIN-35,428 and 125I-RTI-121 to Human Platelet Membranes. Neurochemical Research, 2006, 31, 361-365.	3.3	13
34	Personalised Profiling of Innate Immune Memory Induced by Nano-Imaging Particles in Human Monocytes. Frontiers in Immunology, 2021, 12, 692165.	4.8	10
35	Optimization of dextran sulfate/poly-l-lysine based nanogels polyelectrolyte complex for intranasal ovalbumin delivery. Journal of Drug Delivery Science and Technology, 2021, 65, 102678.	3.0	10
36	Editorial: Interaction of Nanomaterials with the Immune System: Role in Nanosafety and Nanomedicine. Frontiers in Immunology, 2017, 8, 1688.	4.8	9

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37	Male axillary extracts modify the affinity of the platelet serotonin transporter and impulsiveness in women. Physiology and Behavior, 2010, 100, 364-368.	2.1	8
38	Interaction of engineered nanomaterials with the immune system: Health-related safety and possible benefits. Current Opinion in Toxicology, 2018, 10, 74-83.	5.0	8
39	Autoradiographic localization and binding study of benzodiazepines receptor sites in carp brain (Cyprinus carpio L.). Journal of Chemical Neuroanatomy, 2006, 31, 139-145.	2.1	6
40	Assessing Immunological Memory in the Solitary Ascidian Ciona robusta. Frontiers in Immunology, 2019, 10, 1977.	4.8	6
41	TNFÎ± Mediates Inflammation-Induced Effects on PPARG Splicing in Adipose Tissue and Mesenchymal Precursor Cells. Cells, 2022, 11, 42.	4.1	6
42	Nano-immunosafety: issues in assay validation. Journal of Physics: Conference Series, 2011, 304, 012077.	0.4	5
43	Direct LC-MS/MS Analysis of Extra- and Intracellular Glycerophosphoinositol in Model Cancer Cell Lines. Frontiers in Immunology, 2021, 12, 646681.	4.8	4
44	Methodological Approaches To Assess Innate Immunity and Innate Memory in Marine Invertebrates and Humans. Frontiers in Toxicology, 2022, 4, 842469.	3.1	4
45	Innate Memory Reprogramming by Gold Nanoparticles Depends on the Microbial Agents That Induce Memory. Frontiers in Immunology, 2021, 12, 751683.	4.8	3
46	Editorial: Immune Mechanisms in the Pathologic Response to Particles, Fibers, and Nanomaterials. Frontiers in Immunology, 2021, 12, 665810.	4.8	0