

# Mario Falchi

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,526  
citations

236925

25  
h-index

197818

49  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3969  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV protease inhibitors are potent anti-angiogenic molecules and promote regression of Kaposi sarcoma. <i>Nature Medicine</i> , 2002, 8, 225-232.	30.7	299
2	Control of tumor and microenvironment cross-talk by miR-15a and miR-16 in prostate cancer. <i>Oncogene</i> , 2011, 30, 4231-4242.	5.9	221
3	CD95 (APO-1/Fas) linkage to the actin cytoskeleton through ezrin in human T lymphocytes: a novel regulatory mechanism of the CD95 apoptotic pathway. <i>EMBO Journal</i> , 2000, 19, 5123-5134.	7.8	203
4	Microenvironmental pH and Exosome Levels Interplay in Human Cancer Cell Lines of Different Histotypes. <i>Cancers</i> , 2018, 10, 370.	3.7	141
5	3D Microfluidic model for evaluating immunotherapy efficacy by tracking dendritic cell behaviour toward tumor cells. <i>Scientific Reports</i> , 2017, 7, 1093.	3.3	130
6	Organoids as a new model for improving regenerative medicine and cancer personalized therapy in renal diseases. <i>Cell Death and Disease</i> , 2019, 10, 201.	6.3	105
7	Analysis of DNA alkylation damage and repair in mammalian cells by the comet assay. <i>Mutagenesis</i> , 1996, 11, 169-175.	2.6	88
8	The fine tuning of metabolism, autophagy and differentiation during in vitro myogenesis. <i>Cell Death and Disease</i> , 2016, 7, e2168-e2168.	6.3	86
9	Anti-LL37 Antibodies Are Present in Psoriatic Arthritis (PsA) Patients: New Biomarkers in PsA. <i>Frontiers in Immunology</i> , 2018, 9, 1936.	4.8	71
10	Expression of pannexin1 in the CNS of adult mouse: Cellular localization and effect of 4-aminopyridine-induced seizures. <i>Neuroscience</i> , 2006, 141, 167-178.	2.3	66
11	HIV-1 Tat Regulates Endothelial Cell Cycle Progression via Activation of the Ras/ERK MAPK Signaling Pathway. <i>Molecular Biology of the Cell</i> , 2006, 17, 1985-1994.	2.1	66
12	Dexamethasone targeted directly to macrophages induces macrophage niches that promote erythroid expansion. <i>Haematologica</i> , 2015, 100, 178-187.	3.5	59
13	Prostate cancer cells and exosomes in acidic condition show increased carbonic anhydrase IX expression and activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 272-278.	5.2	59
14	Expression of pannexin2 protein in healthy and ischemized brain of adult rats. <i>Neuroscience</i> , 2007, 148, 653-667.	2.3	56
15	HIV-1 Tat Promotes Integrin-Mediated HIV Transmission to Dendritic Cells by Binding Env Spikes and Competes Neutralization by Anti-HIV Antibodies. <i>PLoS ONE</i> , 2012, 7, e48781.	2.5	56
16	Protein phosphatase inhibitors induce modification of synapse structure and tau hyperphosphorylation in cultured rat hippocampal neurons. , 1997, 48, 425-438.		48
17	Human primary macrophages scavenge AuNPs and eliminate it through exosomes. A natural shuttling for nanomaterials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 23-36.	4.3	48
18	Plasmatic exosomes from prostate cancer patients show increased carbonic anhydrase IX expression and activity and low pH. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 280-288.	5.2	47

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19	Human immunodeficiency virus protease inhibitors reduce the growth of human tumors <i>via</i> a proteasomeâ€independent block of angiogenesis and matrix metalloproteinases. <i>International Journal of Cancer</i> , 2011, 128, 82-93.	5.1	40
20	Therotyping cystic fibrosis <i>in vitro</i> in ALI culture and organoid models generated from patient-derived nasal epithelial conditionally reprogrammed stem cells. <i>European Respiratory Journal</i> , 2021, 58, 2100908.	6.7	39
21	Immunohistochemical analysis of keratinocyte growth factor and fibroblast growth factor 10 expression in psoriasis. <i>Experimental Dermatology</i> , 2005, 14, 130-137.	2.9	37
22	Treatment of Generalized Granuloma annulare with Hydroxychloroquine. <i>Dermatology</i> , 2005, 211, 167-168.	2.1	35
23	Transcription Pattern of Human Herpesvirus 8 Open Reading Frame K3 in Primary Effusion Lymphoma and Kaposi's Sarcoma. <i>Journal of Virology</i> , 2001, 75, 7161-7174.	3.4	34
24	Asbestos lung burden and asbestosis after occupational and environmental exposure in an asbestos cement manufacturing area: a necropsy study. <i>Occupational and Environmental Medicine</i> , 1998, 55, 840-846.	2.8	32
25	Pedf (Pigment epitheliumâ€derived Factor) promotes increase and maturation of pigment granules in pigment epithelial cells in neonatal albino rat retinal cultures. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 423-432.	1.6	30
26	Entrance of the Tat protein of HIV-1 into human uterine cervical carcinoma cells causes upregulation of HPV-E6 expression and a decrease in p53 protein levels. <i>Oncology Letters</i> , 2016, 12, 2389-2394.	1.8	29
27	Gametocytes of the Malaria Parasite Plasmodium falciparum Interact With and Stimulate Bone Marrow Mesenchymal Cells to Secrete Angiogenetic Factors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 50.	3.9	27
28	Native/citrullinated LL37-specific T-cells help autoantibody production in Systemic Lupus Erythematosus. <i>Scientific Reports</i> , 2020, 10, 5851.	3.3	27
29	On the mechanism of cell internalization of chrysotile fibers: An immunocytochemical and ultrastructural study. <i>Environmental Research</i> , 1990, 52, 164-177.	7.5	25
30	IFN-Î± potentiates the direct and immune-mediated antitumor effects of epigenetic drugs on both metastatic and stem cells of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 26361-26373.	1.8	25
31	The human Per1 gene: genomic organization and promoter analysis of the first human orthologue of the Drosophila period gene. <i>Gene</i> , 2000, 253, 161-170.	2.2	23
32	Immunomodulatory Activity of a Plant Extract Containing Human Papillomavirus 16-E7 Protein in Human Monocyte-Derived Dendritic Cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2009, 22, 967-978.	2.1	23
33	Calreticulin: Challenges Posed by the Intrinsically Disordered Nature of Calreticulin to the Study of Its Function. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 96.	3.7	22
34	Conditionally reprogrammed cells (CRC) methodology does not allow the <i>in vitro</i> expansion of patientâ€derived primary and metastatic lung cancer cells. <i>International Journal of Cancer</i> , 2018, 143, 88-99.	5.1	22
35	Features of airborne breathable particulate in a remote rural and in an urban area. <i>Water, Air, and Soil Pollution</i> , 1989, 43, 85-94.	2.4	20
36	Macrophages Transmit Human Immunodeficiency Virus Type 1 Products to CD4-Negative Cells: Involvement of Matrix Metalloproteinase 9. <i>Journal of Virology</i> , 2007, 81, 9078-9087.	3.4	20

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37	Role of the area postrema in the hypophagic effects of oleoylethanolamide. <i>Pharmacological Research</i> , 2017, 122, 20-34.	7.1	16
38	The HIV protease inhibitor indinavir down-regulates the expression of the pro-angiogenic MT1-MMP by human endothelial cells. <i>Angiogenesis</i> , 2014, 17, 831-838.	7.2	13
39	Evolution and new frontiers of histology in bioâ€medical research. <i>Microscopy Research and Technique</i> , 2021, 84, 217-237.	2.2	13
40	Fibroblast growth factor-2 transiently activates the p53 oncosuppressor protein in human primary vascular smooth muscle cells: Implications for atherogenesis. <i>Atherosclerosis</i> , 2010, 210, 400-406.	0.8	12
41	The Calreticulin control of human stress erythropoiesis is impaired by JAK2V617F in polycythemia vera. <i>Experimental Hematology</i> , 2017, 50, 53-76.	0.4	12
42	HIV-1 Tat Protein Enters Dysfunctional Endothelial Cells via Integrins and Renders Them Permissive to Virus Replication. <i>International Journal of Molecular Sciences</i> , 2021, 22, 317.	4.1	12
43	Complementary Effects of Carbamylated and Citrullinated LL37 in Autoimmunity and Inflammation in Systemic Lupus Erythematosus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1650.	4.1	11
44	Inorganic Particles in Bronchoalveolar Lavage Fluids from Nonoccupationally Exposed Subjects. <i>Archives of Environmental Health</i> , 1996, 51, 157-161.	0.4	10
45	An altered redox balance and increased genetic instability characterize primary fibroblasts derived from xeroderma pigmentosum group A patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 782, 34-43.	1.0	9
46	Mineral lung burden of an urban population. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1991, 25, 381-385.	0.5	7
47	Phagocytosis and activation of bone marrowâ€derived macrophages by Plasmodium falciparum gametocytes. <i>Malaria Journal</i> , 2021, 20, 81.	2.3	7
48	Increased c-met Expression During Ductal Î² Cell Neogenesis in Experimental Autoimmune Diabetes. <i>Growth Factors</i> , 2001, 19, 259-267.	1.7	6
49	Phosphoproteomic Landscaping Identifies Non-canonical cKIT Signaling in Polycythemia Vera Erythroid Progenitors. <i>Frontiers in Oncology</i> , 2019, 9, 1245.	2.8	6
50	Fragile X mental retardation protein in intrahepatic cholangiocarcinoma: regulating the cancer cell behavior plasticity at the leading edge. <i>Oncogene</i> , 2021, 40, 4033-4049.	5.9	5
51	Electron Energy Loss Spectroscopy Study of Iron Deposition in Human Alveolar Macrophages: Ferritin or Hemosiderin?. <i>Microscopy Microanalysis Microstructures</i> , 1995, 6, 33-40.	0.4	5
52	Gametocyte-specific and all-blood-stage transmission-blocking chemotypes discovered from high throughput screening on Plasmodium falciparum gametocytes. <i>Communications Biology</i> , 2022, 5, .	4.4	4
53	Influence of particle size and chemical composition on efficiency of clearance mechanisms: electron microscopy studies on humans.. <i>Environmental Health Perspectives</i> , 1994, 102, 241-243.	6.0	3
54	Influence of Particle Size and Chemical Composition on Efficiency of Clearance Mechanisms: Electron Microscopy Studies on Humans. <i>Environmental Health Perspectives</i> , 1994, 102, 241.	6.0	3

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55	Silicate particles engulfed in human alveolar macrophages: An analytical electron microscopy study. <i>Mikrochimica Acta</i> , 1994, 114-115, 285-291.	5.0	3
56	Non-fibrous inorganic particles in bronchoalveolar lavage fluid of pottery workers.. <i>Occupational and Environmental Medicine</i> , 1996, 53, 762-766.	2.8	3
57	Cell Propagation of Cholera Toxin CTA ADP-Ribosylating Factor by Exosome Mediated Transfer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1521.	4.1	3
58	Quantitative analysis of airborne breathable particles: A comparison between different analytical techniques. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1991, 25, 237-242.	0.5	2
59	Mineral Particulate in the Lung Parenchyma of Subjects Not Occupationally Exposed to Dust. , 1990, , 273-277.		1
60	Cytotoxicity and morphological endpoints of exposure to UV: cultured cells as a model system. <i>Comprehensive Series in Photosciences</i> , 2001, 3, 321-336.	0.3	0