Fabio Bucchieri

List of Publications by Year
in descending order

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73 papers	4,473 citations	136950 32 h-index	102487 66 g-index
73 all docs	73 docs citations	73 times ranked	5217 citing authors

#	Article	IF	Citations
1	Asthmatic bronchial epithelial cells have a deficient innate immune response to infection with rhinovirus. Journal of Experimental Medicine, 2005, 201, 937-947.	8.5	1,105
2	The Contribution of Interleukin (IL)-4 and IL-13 to the Epithelialâ€“Mesenchymal Trophic Unit in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 385-391.	2.9	260
3	Asthmatic Bronchial Epithelium Is More Susceptible to Oxidant-Induced Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 179-185.	2.9	231
4	Epithelial-Mesenchymal Communication in the Pathogenesis of Chronic Asthma. Proceedings of the American Thoracic Society, 2004, 1, 93-98.	3.5	195
5	Cooperative Effects of Th2 Cytokines and Allergen on Normal and Asthmatic Bronchial Epithelial Cells. Journal of Immunology, 2002, 169, 407-414.	0.8	179
6	IFN-Î³â€“induced protein 10 is a novel biomarker of rhinovirus-induced asthma exacerbations. Journal of Allergy and Clinical Immunology, 2007, 120, 586-593.	2.9	157
7	Hsp60 Is Actively Secreted by Human Tumor Cells. PLoS ONE, 2010, 5, e9247.	2.5	144
8	Signal transducer and activator of transcription 6 (STAT-6) expression and function in asthmatic bronchial epithelium. Journal of Allergy and Clinical Immunology, 2001, 108, 832-838.	2.9	135
9	Heat shock protein 60 levels in tissue and circulating exosomes in human large bowel cancer before and after ablative surgery. Cancer, 2015, 121, 3230-3239.	4.1	131
10	Increased Expression of p21wafCyclin-Dependent Kinase Inhibitor in Asthmatic Bronchial Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 61-68.	2.9	122
11	The expression of HSP60 and HSP10 in large bowel carcinomas with lymph node metastase. BMC Cancer, 2005, 5, 139.	2.6	112
12	Extracellular Vesicle-Mediated Cellâ€“Cell Communication in the Nervous System: Focus on Neurological Diseases. International Journal of Molecular Sciences, 2019, 20, 434.	4.1	112
13	60KDa chaperonin (HSP60) is over-expressed during colorectal carcinogenesis. European Journal of Histochemistry, 2003, 47, 105.	1.5	108
14	The Odyssey of Hsp60 from Tumor Cells to Other Destinations Includes Plasma Membrane-Associated Stages and Golgi and Exosomal Protein-Trafficking Modalities. PLoS ONE, 2012, 7, e42008.	2.5	105
15	IL-13 receptor Î± 2: A regulator of IL-13 and IL-4 signal transduction in primary human fibroblasts. Journal of Allergy and Clinical Immunology, 2006, 118, 858-865.	2.9	84
16	Expression of 60-kD Heat Shock Protein Increases during Carcinogenesis in the Uterine Exocervix. Pathobiology, 2002, 70, 83-88.	3.8	71
17	Lymphatic vessels of the dura mater: a new discovery?. Journal of Anatomy, 2015, 227, 702-703.	1.5	65
18	Geldanamycin and its derivatives as Hsp90 inhibitors. Frontiers in Bioscience - Landmark, 2012, 17, 2269.	3.0	64

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19	Silibinin improves hepatic and myocardial injury in mice with nonalcoholic steatohepatitis. Digestive and Liver Disease, 2012, 44, 334-342.	0.9	63
20	Convergent Sets of Data from In Vivo and In Vitro Methods Point to an Active Role of Hsp60 in Chronic Obstructive Pulmonary Disease Pathogenesis. PLoS ONE, 2011, 6, e28200.	2.5	55
21	Upon oxidative stress, the antiapoptotic Hsp60/procaspase-3 complex persists in mucoepidermoid carcinoma cells. European Journal of Histochemistry, 2008, 52, 221.	1.5	54
22	Elevated blood Hsp60, its structural similarities and cross-reactivity with thyroid molecules, and its presence on the plasma membrane of oncocytes point to the chaperonin as an immunopathogenic factor in Hashimoto's thyroiditis. Cell Stress and Chaperones, 2014, 19, 343-353.	2.9	54
23	Hsp60, amateur chaperone in amyloid-beta fibrillogenesis. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2474-2483.	2.4	48
24	Human primary macrophages scavenge AuNPs and eliminate it through exosomes. A natural shuttling for nanomaterials. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 137, 23-36.	4.3	48
25	The Molecular Anatomy of Human Hsp60 and its Similarity with that of Bacterial Orthologs and Acetylcholine Receptor Reveal a Potential Pathogenetic Role of Anti-Chaperonin Immunity in Myasthenia Gravis. Cellular and Molecular Neurobiology, 2012, 32, 943-947.	3.3	42
26	Immunomorphological Pattern of Molecular Chaperones in Normal and Pathological Thyroid Tissues and Circulating Exosomes: Potential Use in Clinics. International Journal of Molecular Sciences, 2019, 20, 4496.	4.1	39
27	Role(s) of the 5â€‹scp›HT‹/scp›2C Receptor in the Development of Maximal Dentate Activation in the Hippocampus of Anesthetized Rats. CNS Neuroscience and Therapeutics, 2014, 20, 651-661.	3.9	37
28	Involvement of Caspase-3 and GD3 Ganglioside in Ceramide-induced Apoptosis in Farber Disease. Journal of Histochemistry and Cytochemistry, 2000, 48, 57-62.	2.5	34
29	Airway neutrophilia in COPD is not associated with increased neutrophil survival. European Respiratory Journal, 2006, 28, 1163-1169.	6.7	34
30	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. International Journal of Molecular Sciences, 2018, 19, 2626.	4.1	34
31	Changes in Immunohistochemical Levels and Subcellular Localization After Therapy and Correlation and Colocalization With CD68 Suggest a Pathogenetic Role of Hsp60 in Ulcerative Colitis. Applied Immunohistochemistry and Molecular Morphology, 2011, 19, 552-561.	1.2	33
32	Exosomal Heat Shock Proteins as New Players in Tumour Cell-to-Cell Communication. Journal of Circulating Biomarkers, 2014, 3, 4.	1.3	33
33	Extracellular Vesicles-Based Drug Delivery Systems: A New Challenge and the Exemplum of Malignant Pleural Mesothelioma. International Journal of Molecular Sciences, 2020, 21, 5432.	4.1	33
34	Effect of IL-13 receptor Î±2 levels on the biological activity of IL-13 variant R110Q. Journal of Allergy and Clinical Immunology, 2007, 120, 91-97.	2.9	30
35	Hsp60 response in experimental and human temporal lobe epilepsy. Scientific Reports, 2015, 5, 9434.	3.3	30
36	HSP60 activity on human bronchial epithelial cells. International Journal of Immunopathology and Pharmacology, 2017, 30, 333-340.	2.1	29

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37	CD1a and antitumour immune response. Immunology Letters, 2004, 95, 1-4.	2.5	28
38	IL-17A induces chromatin remodeling promoting IL-8 release in bronchial epithelial cells: Effect of Tiotropium. Life Sciences, 2016, 152, 107-116.	4.3	25
39	Functional characterization of a novel 3D model of the epithelial-mesenchymal trophic unit. Experimental Lung Research, 2017, 43, 82-92.	1.2	23
40	Hsp60 as a Novel Target in IBD Management: A Prospect. Frontiers in Pharmacology, 2019, 10, 26.	3.5	23
41	Induction of a disintegrin and metalloprotease 33 during embryonic lung development and the influence of IL-13 or maternal allergy. Journal of Allergy and Clinical Immunology, 2009, 124, 590-597.e11.	2.9	21
42	Comparative analysis of Hsp10 and Hsp90 expression in healthy mucosa and adenocarcinoma of the large bowel. Anticancer Research, 2014, 34, 4153-9.	1.1	20
43	Cigarette Smoke Causes Caspase-Independent Apoptosis of Bronchial Epithelial Cells from Asthmatic Donors. PLoS ONE, 2015, 10, e0120510.	2.5	17
44	Mechanical Strain Causes Adaptive Change in Bronchial Fibroblasts Enhancing Profibrotic and Inflammatory Responses. PLoS ONE, 2016, 11, e0153926.	2.5	16
45	The Chaperone System in Breast Cancer: Roles and Therapeutic Prospects of the Molecular Chaperones Hsp27, Hsp60, Hsp70, and Hsp90. International Journal of Molecular Sciences, 2022, 23, 7792.	4.1	16
46	IL-17A-associated IKK-Î± signaling induced TSLP production in epithelial cells of COPD patients. Experimental and Molecular Medicine, 2018, 50, 1-12.	7.7	15
47	Medium-term Culture of Normal Human Oral Mucosa: A Novel Three-dimensional Model to Study the Effectiveness of Drugs Administration. Current Pharmaceutical Design, 2012, 18, 5421-5430.	1.9	14
48	Extracellular heat shock proteins in cancer: From early diagnosis to new therapeutic approach. Seminars in Cancer Biology, 2022, 86, 36-45.	9.6	14
49	CD1a: a novel biomarker for Barrett's metaplasia?. Lancet Oncology, The, 2003, 4, 497.	10.7	13
50	CD40 Ligation Protects Bronchial Epithelium against Oxidant-Induced Caspase-Independent Cell Death. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 155-164.	2.9	13
51	Cigarette smoke affects the onco-suppressor DAB2IP expression in bronchial epithelial cells of COPD patients. Scientific Reports, 2019, 9, 15682.	3.3	13
52	Probiotics Can Cure Oral Aphthous-Like Ulcers in Inflammatory Bowel Disease Patients: A Review of the Literature and a Working Hypothesis. International Journal of Molecular Sciences, 2019, 20, 5026.	4.1	12
53	Structural, ultrastructural, and morphometric study of the zebrafish ocular surface: a model for human corneal diseases?. Current Eye Research, 2018, 43, 175-185.	1.5	11
54	Observations on midgut of Apis mellifera workers (Hymenoptera: Apoidea) under controlled acute exposures to a Bacillus thuringiensis-based biopesticide. Apidologie, 2017, 48, 51-62.	2.0	10

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55	Chronological expression of Ciliated Bronchial Epithelium 1 during pulmonary development. European Respiratory Journal, 2009, 33, 1095-1104.	6.7	8
56	Medium-Term Culture of Primary Oral Squamous Cell Carcinoma in a Three- Dimensional Model: Effects on Cell Survival Following Topical 5-Fluororacile Delivery by Drug-Loaded Matrix Tablets. Current Pharmaceutical Design, 2012, 18, 5411-5420.	1.9	8
57	Molecular Chaperones and Thyroid Cancer. International Journal of Molecular Sciences, 2021, 22, 4196.	4.1	7
58	Augmented Reality Gamification for Human Anatomy. Lecture Notes in Computer Science, 2019, , 409-413.	1.3	6
59	Quantitative Immunomorphological Analysis of Heat Shock Proteins in Thyroid Follicular Adenoma and Carcinoma Tissues Reveals Their Potential for Differential Diagnosis and Points to a Role in Carcinogenesis. Applied Sciences (Switzerland), 2019, 9, 4324.	2.5	5
60	New Insights into Asthma Pathogenesis. Allergy and Clinical Immunology International, 2004, 016, 196-201.	0.3	5
61	Establishment of a pulmonary epithelial barrier on biodegradable poly-L-lactic-acid membranes. PLoS ONE, 2019, 14, e0210830.	2.5	4
62	Brain Tumor-Derived Extracellular Vesicles as Carriers of Disease Markers: Molecular Chaperones and MicroRNAs. Applied Sciences (Switzerland), 2020, 10, 6961.	2.5	4
63	Extracellular Vesicles in Airway Homeostasis and Pathophysiology. Applied Sciences (Switzerland), 2021, 11, 9933.	2.5	4
64	The eSports conundrum: is the sports sciences community ready to face them? A perspective. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1591-1602.	0.7	4
65	Airway epithelial dysfunction and mesenchymal transition in chronic obstructive pulmonary disease: Role of Oct-4. Life Sciences, 2022, 288, 120177.	4.3	2
66	Biological evaluation of PLLA membranes, with different pore diameters, to stimulate cell adhesion and growth in vitro. AIP Conference Proceedings, 2015, , .	0.4	1
67	Hsp60 Quantification in Human Gastric Mucosa Shows Differences between Pathologies with Various Degrees of Proliferation and Malignancy Grade. Applied Sciences (Switzerland), 2021, 11, 3582.	2.5	1
68	8 Role of immunohistochemical expression of PCNA and p53 in prostate carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2002, , 359-368.	0.0	0
69	S32 Cyclical mechanical stretch enhances the pro-fibrotic responses of primary embryonic foetal fibroblasts, but not ADAM33 expression. Thorax, 2010, 65, A17-A17.	5.6	0
70	Corrigendum to â€œSilibinin improves hepatic and myocardial injury in mice with nonalcoholic steatohepatitisâ€•[Dig. Liver Dis. 44 (2012) 334â€“342]. Digestive and Liver Disease, 2012, 44, 709.	0.9	0
71	Cigarette smoke alters the EZH2/DAB2IP expression in bronchial epithelial cells. A risk factor for lung cancer in COPD patients. , 2016, , .		0
72	Polmunary epithelial barrier formation on biodegradable poly-L-lactic-acid (PLLA) membrane. , 2016, , .		0

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73	Cigarette smoke alters primary human bronchial epithelial cell (PBEC) differentiation at air-liquid interface (ALI) and induces expression of CD105 and CD146. , 2016, , .		0