Emanuela M Bruscia

List of Publications by Year
in descending order

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41 papers	2,573 citations	236925 25 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	3600 citing authors

#	Article	IF	Citations
1	Recruitment of monocytes primed to express heme oxygenase-1 ameliorates pathological lung inflammation in cystic fibrosis. Experimental and Molecular Medicine, 2022, 54, 639-652.	7.7	4
2	Emerging Concepts in Defective Macrophage Phagocytosis in Cystic Fibrosis. International Journal of Molecular Sciences, 2022, 23, 7750.	4.1	7
3	Combined liverâ€“cytokine humanization comes to the rescue of circulating human red blood cells. Science, 2021, 371, 1019-1025.	12.6	20
4	Targeting the Heme Oxygenase 1/Carbon Monoxide Pathway to Resolve Lung Hyper-Inflammation and Restore a Regulated Immune Response in Cystic Fibrosis. Frontiers in Pharmacology, 2020, 11, 1059.	3.5	22
5	Single-Cell Transcriptional Archetypes of Airway Inflammation in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1419-1429.	5.6	56
6	Reconstruction of Sickle Cell Disease with Circulating Sickling Red Blood Cells in Novel Humanized Cytokines and Liver Mistrg Mice. Blood, 2020, 136, 29-30.	1.4	0
7	A highly efficient and faithful MDS patient-derived xenotransplantation model for pre-clinical studies. Nature Communications, 2019, 10, 366.	12.8	60
8	Surfactant protein C dampens inflammation by decreasing JAK/STAT activation during lung repair. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L882-L892.	2.9	40
9	Ezrin links CFTR to TLR4 signaling to orchestrate anti-bacterial immune response in macrophages. Scientific Reports, 2017, 7, 10882.	3.3	37
10	Cystic Fibrosis Lung Immunity: The Role of the Macrophage. Journal of Innate Immunity, 2016, 8, 550-563.	3.8	141
11	Increased susceptibility of Cftr^{â^'/â^'} mice to LPS-induced lung remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L711-L719.	2.9	25
12	Gene therapy applications to transfusion medicine. , 2016, , 452-455.		0
13	Innate and Adaptive Immunity in Cystic Fibrosis. Clinics in Chest Medicine, 2016, 37, 17-29.	2.1	73
14	Pharmacological modulation of the AKT/microRNA-199a-5p/CAV1 pathway ameliorates cystic fibrosis lung hyper-inflammation. Nature Communications, 2015, 6, 6221.	12.8	84
15	SRF is required for neutrophil migration in response to inflammation. Blood, 2014, 123, 3027-3036.	1.4	43
16	Nebulized Hyaluronan Ameliorates lung inflammation in cystic fibrosis mice. Pediatric Pulmonology, 2013, 48, 761-771.	2.0	34
17	Reduced Caveolin-1 Promotes Hyperinflammation due to Abnormal Heme Oxygenase-1 Localization in Lipopolysaccharide-Challenged Macrophages with Dysfunctional Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Immunology, 2013, 190, 5196-5206.	0.8	52
18	Very Small Embryonic-Like Stem Cells from the Murine Bone Marrow Differentiate into Epithelial Cells of the Lung. Stem Cells, 2013, 31, 2759-2766.	3.2	65

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19	Targeting the Intracellular Environment in Cystic Fibrosis: Restoring Autophagy as a Novel Strategy to Circumvent the CFTR Defect. Frontiers in Pharmacology, 2013, 4, 1.	3.5	213
20	Srf Is Required For Neutrophil Migration In Response To Inflammation. Blood, 2013, 122, 319-319.	1.4	0
21	The Carbon Monoxide Releasing Molecule CORM-2 Attenuates Pseudomonas aeruginosa Biofilm Formation. PLoS ONE, 2012, 7, e35499.	2.5	53
22	Nonhematopoietic Cells are the Primary Source of Bone Marrow-Derived Lung Epithelial Cells. Stem Cells, 2012, 30, 491-499.	3.2	33
23	Abnormal Trafficking and Degradation of TLR4 Underlie the Elevated Inflammatory Response in Cystic Fibrosis. Journal of Immunology, 2011, 186, 6990-6998.	0.8	118
24	Bone Marrow Derived Lung Epithelial Cells Are Derived Predominantly From Nonhematopoietic Cells.. Blood, 2010, 116, 2615-2615.	1.4	0
25	Macrophages Directly Contribute to the Exaggerated Inflammatory Response in Cystic Fibrosis Transmembrane Conductance Regulator^{â˜/â˜} Mice. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 295-304.	2.9	187
26	Role for MKL1 in megakaryocytic maturation. Blood, 2009, 113, 2826-2834.	1.4	67
27	Rectal Potential Difference and the Functional Expression of CFTR in the Gastrointestinal Epithelia in Cystic Fibrosis Mouse Models. Pediatric Research, 2008, 63, 73-78.	2.3	10
28	Cftr gene targeting in mouse embryonic stem cells mediated by Small Fragment Homologous Replacement (SFHR). Frontiers in Bioscience - Landmark, 2008, 13, 2989.	3.0	23
29	Engraftment of Donor-Derived Epithelial Cells in Multiple Organs Following Bone Marrow Transplantation into Newborn Mice. Stem Cells, 2006, 24, 2299-2308.	3.2	63
30	Assessment of cystic fibrosis transmembrane conductance regulator (CFTR) activity in CFTR-null mice after bone marrow transplantation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2965-2970.	7.1	77
31	Engraftment of Bone Marrow-Derived Epithelial Cells. Stem Cell Reviews and Reports, 2005, 1, 021-028.	5.6	19
32	In VitroRestoration of Functional SMN Protein in Human Trophoblast Cells Affected by Spinal Muscular Atrophy by Small Fragment Homologous Replacement. Human Gene Therapy, 2005, 16, 869-880.	2.7	27
33	In Vitro Restoration of Functional SMN Protein in Human Trophoblast Cells Affected by Spinal Muscular Atrophy by Small Fragment Homologous Replacement. Human Gene Therapy, 2005, .	2.7	0
34	Letter to the Editors. Oligonucleotides, 2004, 14, 157-158.	2.7	11
35	Lack of a Fusion Requirement for Development of Bone Marrow-Derived Epithelia. Science, 2004, 305, 90-93.	12.6	381
36	Plasticity of Bone Marrowâ€“Derived Stem Cells. Stem Cells, 2004, 22, 487-500.	3.2	357

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37	Sequence-specific modification of genomic DNA by small DNA fragments. Journal of Clinical Investigation, 2003, 112, 637-641.	8.2	68
38	Towards the pharmacogenomics of cystic fibrosis. Pharmacogenomics, 2002, 3, 75-87.	1.3	8
39	In vitrocorrection of cystic fibrosis epithelial cell lines by small fragment homologous replacement (SFHR) technique. BMC Medical Genetics, 2002, 3, 8.	2.1	39
40	Genomic structure, promoter characterisation and mutational analysis of the S100A7 gene: exclusion of a candidate for familial psoriasis susceptibility. Human Genetics, 1999, 104, 130-134.	3.8	37
41	Gene transfection efficiency of tracheal epithelial cells by DC-Cholâ€“DOPE/DNA complexes. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1419, 186-194.	2.6	19