Emanuela M Bruscia

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Lack of a Fusion Requirement for Development of Bone Marrow-Derived Epithelia. Science, 2004, 305, 90-93.	12.6	381
2	Plasticity of Bone Marrowâ€“Derived Stem Cells. Stem Cells, 2004, 22, 487-500.	3.2	357
3	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
4	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
5	Cystic Fibrosis Lung Immunity: The Role of the Macrophage. Journal of Innate Immunity, 2016, 8, 550-563.	3.8	141
6	Abnormal Trafficking and Degradation of TLR4 Underlie the Elevated Inflammatory Response in Cystic Fibrosis. Journal of Immunology, 2011, 186, 6990-6998.	0.8	118
7	Pharmacological modulation of the AKT/microRNA-199a-5p/CAV1 pathway ameliorates cystic fibrosis lung hyper-inflammation. Nature Communications, 2015, 6, 6221.	12.8	84
8	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
9	Innate and Adaptive Immunity in Cystic Fibrosis. Clinics in Chest Medicine, 2016, 37, 17-29.	2.1	73
10	Sequence-specific modification of genomic DNA by small DNA fragments. Journal of Clinical Investigation, 2003, 112, 637-641.	8.2	68
11	Role for MKL1 in megakaryocytic maturation. Blood, 2009, 113, 2826-2834.	1.4	67
12	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
13	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
14	A highly efficient and faithful MDS patient-derived xenotransplantation model for pre-clinical studies. Nature Communications, 2019, 10, 366.	12.8	60
15	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
16	The Carbon Monoxide Releasing Molecule CORM-2 Attenuates Pseudomonas aeruginosa Biofilm Formation. PLoS ONE, 2012, 7, e35499.	2.5	53
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	SRF is required for neutrophil migration in response to inflammation. Blood, 2014, 123, 3027-3036.	1.4	43

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19	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
20	In vitrocorrection of cystic fibrosis epithelial cell lines by small fragment homologous replacement (SFHR) technique. BMC Medical Genetics, 2002, 3, 8.	2.1	39
21	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
22	Ezrin links CFTR to TLR4 signaling to orchestrate anti-bacterial immune response in macrophages. Scientific Reports, 2017, 7, 10882.	3.3	37
23	Nebulized Hyaluronan Ameliorates lung inflammation in cystic fibrosis mice. Pediatric Pulmonology, 2013, 48, 761-771.	2.0	34
24	Nonhematopoietic Cells are the Primary Source of Bone Marrow-Derived Lung Epithelial Cells. Stem Cells, 2012, 30, 491-499.	3.2	33
25	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
26	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
27	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
28	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
29	Combined liverâ€“cytokine humanization comes to the rescue of circulating human red blood cells. Science, 2021, 371, 1019-1025.	12.6	20
30	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
31	Engraftment of Bone Marrow-Derived Epithelial Cells. Stem Cell Reviews and Reports, 2005, 1, 021-028.	5.6	19
32	Letter to the Editors. Oligonucleotides, 2004, 14, 157-158.	2.7	11
33	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
34	Towards the pharmacogenomics of cystic fibrosis. Pharmacogenomics, 2002, 3, 75-87.	1.3	8
35	Emerging Concepts in Defective Macrophage Phagocytosis in Cystic Fibrosis. International Journal of Molecular Sciences, 2022, 23, 7750.	4.1	7
36	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

#	Article	IF	Citations
37	Gene therapy applications to transfusion medicine. , 2016, , 452-455.		0
38	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
39	Bone Marrow Derived Lung Epithelial Cells Are Derived Predominantly From Nonhematopoietic Cells.. Blood, 2010, 116, 2615-2615.	1.4	0
40	Srf Is Required For Neutrophil Migration In Response To Inflammation. Blood, 2013, 122, 319-319.	1.4	0
41	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