Anna Tamanini

List of Publications by Year
in descending order

49 papers	1,675 citations	236925 25 h-index	289244 40 g-index
50 all docs	50 docs citations	50 times ranked	2471 citing authors

#	Article	IF	Citations
1	Heparan Sulfate Glycosaminoglycans Are Involved in Adenovirus Type 5 and 2-Host Cell Interactions. Virology, 2000, 268, 382-390.	2.4	236
2	A microRNA signature from serum exosomes of patients with glioma as complementary diagnostic biomarker. Journal of Neuro-Oncology, 2018, 136, 51-62.	2.9	125
3	Pyrogallol, an active compound from the medicinal plant Emblica officinalis, regulates expression of pro-inflammatory genes in bronchial epithelial cells. International Immunopharmacology, 2008, 8, 1672-1680.	3.8	87
4	Mapping the Transcriptional Machinery of the IL-8 Gene in Human Bronchial Epithelial Cells. Journal of Immunology, 2011, 187, 6069-6081.	0.8	84
5	Association Between Carrier Screening and Incidence of Cystic Fibrosis. JAMA - Journal of the American Medical Association, 2009, 302, 2573.	7.4	82
6	Interaction of Adenovirus Type 5 Fiber with the Coxsackievirus and Adenovirus Receptor Activates Inflammatory Response in Human Respiratory Cells. Journal of Virology, 2006, 80, 11241-11254.	3.4	77
7	Activation of NF-kB mediates ICAM-1 induction in respiratory cells exposed to an adenovirus-derived vector. Gene Therapy, 2001, 8, 1436-1442.	4.5	71
8	A Peptide Nucleic Acid against MicroRNA miR-145-5p Enhances the Expression of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in Calu-3 Cells. Molecules, 2018, 23, 71.	3.8	43
9	MAP kinases and NF-Î²B collaborate to induce ICAM-1 gene expression in the early phase of adenovirus infection. Virology, 2003, 307, 228-242.	2.4	41
10	Decoy oligodeoxyribonucleotides and peptide nucleic acidsâ€“DNA chimeras targeting nuclear factor kappa-B: Inhibition of IL-8 gene expression in cystic fibrosis cells infected with Pseudomonas aeruginosa. Biochemical Pharmacology, 2010, 80, 1887-1894.	4.4	41
11	Molecular basis of cystic fibrosis: from bench to bedside. Annals of Translational Medicine, 2018, 6, 334-334.	1.7	36
12	Early diagnosis from newborn screening maximises survival in severe cystic fibrosis. ERJ Open Research, 2018, 4, 00109-2017.	2.6	35
13	Phospholipase C-Î²3 Is a Key Modulator of IL-8 Expression in Cystic Fibrosis Bronchial Epithelial Cells. Journal of Immunology, 2011, 186, 4946-4958.	0.8	34
14	Trimethylangelicin reduces IL-8 transcription and potentiates CFTR function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L380-L390.	2.9	34
15	Transient Receptor Potential Ankyrin 1 Channels Modulate Inflammatory Response in Respiratory Cells from Patients with Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 645-656.	2.9	34
16	Targeting Transcription Factor Activity as a Strategy to Inhibit Pro- Inflammatory Genes Involved in Cystic Fibrosis: Decoy Oligonucleotides and Low-Molecular Weight Compounds. Current Medicinal Chemistry, 2010, 17, 4392-4404.	2.4	32
17	Î²-Sitosterol Reduces the Expression of Chemotactic Cytokine Genes in Cystic Fibrosis Bronchial Epithelial Cells. Frontiers in Pharmacology, 2017, 8, 236.	3.5	32
18	Cystic fibrosis carrier screening effects on birth prevalence and newborn screening. Genetics in Medicine, 2016, 18, 145-151.	2.4	31

#	Article	IF	Citations
19	Circulating microRNAs as emerging non-invasive biomarkers for gliomas. Annals of Translational Medicine, 2017, 5, 277-277.	1.7	31
20	Pancreatic phenotype in infants with cystic fibrosis identified by mutation screening. Archives of Disease in Childhood, 2007, 92, 842-846.	1.9	30
21	Use of a Membrane Potential-Sensitive Probe to Assess Biological Expression of the Cystic Fibrosis Transmembrane Conductance Regulator. Human Gene Therapy, 1995, 6, 1275-1283.	2.7	28
22	Molecular Mechanism of Action of Trimethylangelicin Derivatives as CFTR Modulators. Frontiers in Pharmacology, 2018, 9, 719.	3.5	28
23	Effect of modulation of protein kinase C on the cAMP-dependent chloride conductance in T84 cells. FEBS Letters, 1992, 311, 25-28.	2.8	26
24	Unravelling the role of sphingolipids in cystic fibrosis lung disease. Chemistry and Physics of Lipids, 2016, 200, 94-103.	3.2	26
25	Sphingolipids role in the regulation of inflammatory response: From leukocyte biology to bacterial infection. Journal of Leukocyte Biology, 2018, 103, 445-456.	3.3	26
26	Modulation of expression of IL-8 gene in bronchial epithelial cells by 5-methoxypsoralen. International Immunopharmacology, 2009, 9, 1411-1422.	3.8	25
27	Time Trends in Birth Incidence of Cystic Fibrosis in Two European Areas: Data from Newborn Screening Programs. Journal of Pediatrics, 2008, 152, 25-32.	1.8	22
28	Inconclusive Cystic Fibrosis neonatal screening results: longâ€term psychosocial effects on parents. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 1927-1934.	1.5	21
29	Pseudomonas aeruginosa reduces the expression of CFTR via post-translational modification of NHERF1. Pflugers Archiv European Journal of Physiology, 2014, 466, 2269-2278.	2.8	21
30	cAMP-Dependent protein kinase inhibits the chloride conductance in apical membrane vesicles of hunman placenta. Journal of Membrane Biology, 1991, 119, 25-32.	2.1	20
31	Synthesis and Therapeutic Applications of Iminosugars in Cystic Fibrosis. International Journal of Molecular Sciences, 2020, 21, 3353.	4.1	20
32	Treatment of human airway epithelial Calu-3Âcells with a peptide-nucleic acid (PNA) targeting the microRNA miR-101-3p is associated with increased expression of the cystic fibrosis Transmembrane Conductance Regulator () gene. European Journal of Medicinal Chemistry, 2021, 209, 112876.	5.5	18
33	ICAM-1 induction in respiratory cells exposed to a replication-deficient recombinant adenovirus in vitro and in vivo. Gene Therapy, 1998, 5, 131-136.	4.5	17
34	Evidence for the Involvement of Lipid Rafts and Plasma Membrane Sphingolipid Hydrolases in Pseudomonas aeruginosa Infection of Cystic Fibrosis Bronchial Epithelial Cells. Mediators of Inflammation, 2017, 2017, 1-16.	3.0	16
35	Exploring the effect of chirality on the therapeutic potential of N-alkyl-deoxyiminosugars: anti-inflammatory response to Pseudomonas aeruginosa infections for application in CF lung disease. European Journal of Medicinal Chemistry, 2019, 175, 63-71.	5.5	16
36	PLCB3 Loss of Function Reduces Pseudomonas aeruginosaâ€“Dependent IL-8 Release in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 428-436.	2.9	15

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37	Protein a, hydroxyapatite and diethylaminoethyl: Evaluation of three procedures for the preparative purification of monoclonal antibodies by high-perfomance liquid chromatography. Journal of Chromatography A, 1989, 465, 101-111.	3.7	12
38	Protracted neonatal hypertrypsinogenaemia, normal sweat chloride, and cystic fibrosis. Archives of Disease in Childhood, 2000, 82, 481-482.	1.9	12
39	GM1 as Adjuvant of Innovative Therapies for Cystic Fibrosis Disease. International Journal of Molecular Sciences, 2020, 21, 4486.	4.1	11
40	Sphingolipids and plasma membrane hydrolases in human primary bronchial cells during differentiation and their altered patterns in cystic fibrosis. Glycoconjugate Journal, 2020, 37, 623-633.	2.7	10
41	Enhancing the Expression of CFTR Using Antisense Molecules against MicroRNA miR-145-5p. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1443-1444.	5.6	9
42	A Peptide-Nucleic Acid Targeting miR-335-5p Enhances Expression of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Gene with the Possible Involvement of the CFTR Scaffolding Protein NHERF1. Biomedicines, 2021, 9, 117.	3.2	9
43	Chemical conjugation of Î”F508-CFTR corrector deoxyspergualin to transporter human serum albumin enhances its ability to rescue Clâ» channel functions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L336-L347.	2.9	8
44	miRNAs in Serum Exosomes for Differential Diagnosis of Brain Metastases. Cancers, 2022, 14, 3493.	3.7	8
45	Alternative splicing of a previously unidentified CFTR exon introduces an in-frame stop codon 5' of the R region. FEBS Letters, 1993, 329, 159-162.	2.8	7
46	Late generation lentiviral vectors: Evaluation of inflammatory potential in human airway epithelial cells. Virus Research, 2009, 144, 8-17.	2.2	7
47	Peptide Nucleic Acids for MicroRNA Targeting. Methods in Molecular Biology, 2020, 2105, 199-215.	0.9	7
48	Sweat chloride and immunoreactive trypsinogen in infants carrying twoCFTRmutations and not affected by cystic fibrosis. Archives of Disease in Childhood, 2017, 102, 644-646.	1.9	6
49	Adenosine 3':5'-Monophosphate-Dependent Protein Kinase from Human Placenta: Characterization of the Catalytic Subunit. Enzyme, 1991, 45, 97-108.	0.7	5