Giulio Cabrini

List of Publications by Year
in descending order

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104	4,010	109264	133188
papers	citations	35 h-index	59 g-index

106	106	106	5391
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heparan Sulfate Glycosaminoglycans Are Receptors Sufficient To Mediate the Initial Binding of Adenovirus Types 2 and 5. Journal of Virology, 2001, 75, 8772-8780.	1.5	258
2	Heparan Sulfate Glycosaminoglycans Are Involved in Adenovirus Type 5 and 2-Host Cell Interactions. Virology, 2000, 268, 382-390.	1.1	236
3	Oxidative stress and antioxidant therapy in cystic fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 690-713.	1.8	186
4	A His-155 to Tyr Polymorphism Confers Gain-of-Function to the Human P2X7 Receptor of Human Leukemic Lymphocytes. Journal of Immunology, 2005, 175, 82-89.	0.4	144
5	Mitochondrial Ca2+-dependent NLRP3 activation exacerbates the Pseudomonas aeruginosa-driven inflammatory response in cystic fibrosis. Nature Communications, 2015, 6, 6201.	5.8	130
6	A microRNA signature from serum exosomes of patients with glioma as complementary diagnostic biomarker. Journal of Neuro-Oncology, 2018, 136, 51-62.	1.4	125
7	IL-4 Is a Potent Modulator of Ion Transport in the Human Bronchial Epithelium In Vitro. Journal of Immunology, 2002, 168, 839-845.	0.4	124
8	Failure of aldosterone suppression despite angiotensin-converting enzyme (ACE) inhibitor administration in chronic heart failure is associated with ACE DD genotype. Journal of the American College of Cardiology, 2001, 37, 1808-1812.	1.2	122
9	Regulation of expression of O6-methylguanine-DNA methyltransferase and the treatment of glioblastoma (Review). International Journal of Oncology, 2015, 47, 417-428.	1.4	103
10	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.	1.7	87
11	Mapping the Transcriptional Machinery of the IL-8 Gene in Human Bronchial Epithelial Cells. Journal of Immunology, 2011, 187, 6069-6081.	0.4	84
12	Fecal elastase-1 is useful in the detection of steatorrhea in patients with pancreatic diseases but not after pancreatic resection. Pancreatology, 2013, 13, 38-42.	0.5	82
13	Expression of microRNA-93 and Interleukin-8 during Pseudomonas aeruginosaâ€“Mediated Induction of Proinflammatory Responses. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 1144-1155.	1.4	82
14	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.	1.5	77
15	Activation of NF-kB mediates ICAM-1 induction in respiratory cells exposed to an adenovirus-derived vector. Gene Therapy, 2001, 8, 1436-1442.	2.3	71
16	Tracking the immunopathological response to Pseudomonas aeruginosa during respiratory infections. Scientific Reports, 2016, 6, 21465.	1.6	70
17	High levels of apoptosis are induced in human glioma cell lines by co-administration of peptide nucleic acids targeting miR-221 and miR-222. International Journal of Oncology, 2016, 48, 1029-1038.	1.4	62
18	Uptake by human glioma cell lines and biological effects of a peptide-nucleic acids targeting miR-221. Journal of Neuro-Oncology, 2014, 118, 19-28.	1.4	57

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19	Analysis of the complete coding region of the CFTR gene in a cohort of CF patients from North-Eastern Italy: identification of 90% of the mutations. Human Genetics, 1995, 95, 397-402.	1.8	56
20	Correction of G551D-CFTR transport defect in epithelial monolayers by genistein but not by CPX or MPB-07. British Journal of Pharmacology, 2002, 137, 504-512.	2.7	52
21	Transcription Factor Oligodeoxynucleotides to NF-Î²B Inhibit Transcription of IL-8 in Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 86-96.	1.4	49
22	Docking of molecules identified in bioactive medicinal plants extracts into the p50 NF-kappaB transcription factor: correlation with inhibition of NF-kappaB/DNA interactions and inhibitory effects on IL-8 gene expression. BMC Structural Biology, 2008, 8, 38.	2.3	48
23	A molecular signature associated with prolonged survival in glioblastoma patients treated with regorafenib. Neuro-Oncology, 2021, 23, 264-276.	0.6	48
24	Trimethylangelicin promotes the functional rescue of mutant F508del CFTR protein in cystic fibrosis airway cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L48-L61.	1.3	46
25	Anti-inflammatory effect of miglustat in bronchial epithelial cells. Journal of Cystic Fibrosis, 2008, 7, 555-565.	0.3	45
26	Modulators of Sphingolipid Metabolism Reduce Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 825-833.	1.4	43
27	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.	1.7	43
28	MAP kinases and NF-Î²B collaborate to induce ICAM-1 gene expression in the early phase of adenovirus infection. Virology, 2003, 307, 228-242.	1.1	41
29	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.	2.0	41
30	MicroRNA miR-93-5p regulates expression of IL-8 and VEGF in neuroblastoma SK-N-AS cells. Oncology Reports, 2016, 35, 2866-2872.	1.2	41
31	Nasal potential difference in cystic fibrosis patients presenting borderline sweat test. European Respiratory Journal, 1997, 10, 1145-1149.	3.1	40
32	MPB-07 Reduces the Inflammatory Response toPseudomonas aeruginosain Cystic Fibrosis Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 615-624.	1.4	39
33	Pharmacological modulation of mitochondrial calcium uniporter controls lung inflammation in cystic fibrosis. Science Advances, 2020, 6, eaax9093.	4.7	39
34	Virtual screening against nuclear factor Î²B (NF-Î²B) of a focus library: Identification of bioactive furocoumarin derivatives inhibiting NF-Î²B dependent biological functions involved in cystic fibrosis. Bioorganic and Medicinal Chemistry, 2010, 18, 8341-8349.	1.4	37
35	Induction of IL-6 gene expression in a CF bronchial epithelial cell line by Pseudomonas aeruginosa is dependent on transcription factors belonging to the Sp1 superfamily. Biochemical and Biophysical Research Communications, 2007, 357, 977-983.	1.0	36
36	Molecular basis of cystic fibrosis: from bench to bedside. Annals of Translational Medicine, 2018, 6, 334-334.	0.7	36

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37	Relationships between phosphoinositide metabolism, Ca2+ changes and respiratory burst in formyl-methionyl-leucyl- phenylalanine-stimulated human neutrophils. FEBS Letters, 1985, 181, 253-258.	1.3	34
38	Phospholipase C-Î²3 Is a Key Modulator of IL-8 Expression in Cystic Fibrosis Bronchial Epithelial Cells. Journal of Immunology, 2011, 186, 4946-4958.	0.4	34
39	Trimethylangelicin reduces IL-8 transcription and potentiates CFTR function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L380-L390.	1.3	34
40	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.	1.4	34
41	miRNA array screening reveals cooperative MGMT-regulation between miR-181d-5p and miR-409-3p in glioblastoma. Oncotarget, 2016, 7, 28195-28206.	0.8	34
42	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.	1.2	32
43	Î²-Sitosterol Reduces the Expression of Chemotactic Cytokine Genes in Cystic Fibrosis Bronchial Epithelial Cells. Frontiers in Pharmacology, 2017, 8, 236.	1.6	32
44	Regulation of IL-8 gene expression in gliomas by microRNA miR-93. BMC Cancer, 2015, 15, 661.	1.1	31
45	Circulating microRNAs as emerging non-invasive biomarkers for gliomas. Annals of Translational Medicine, 2017, 5, 277-277.	0.7	31
46	Newborn screening strategy for cystic fibrosis: a field study in an area with high allelic heterogeneity. Acta Paediatrica, International Journal of Paediatrics, 1997, 86, 497-502.	0.7	29
47	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.	1.4	28
48	Molecular Mechanism of Action of Trimethylangelicin Derivatives as CFTR Modulators. Frontiers in Pharmacology, 2018, 9, 719.	1.6	28
49	Antibacterial and anti-inflammatory activity of a temporin B peptide analogue on anin vitromodel of cystic fibrosis. Journal of Peptide Science, 2014, 20, 822-830.	0.8	27
50	Effect of modulation of protein kinase C on the cAMP-dependent chloride conductance in T84 cells. FEBS Letters, 1992, 311, 25-28.	1.3	26
51	Unravelling the role of sphingolipids in cystic fibrosis lung disease. Chemistry and Physics of Lipids, 2016, 200, 94-103.	1.5	26
52	Modulation of expression of IL-8 gene in bronchial epithelial cells by 5-methoxypsoralen. International Immunopharmacology, 2009, 9, 1411-1422.	1.7	25
53	Effects of decoy molecules targeting NF-kappaB transcription factors in Cystic fibrosis IB3â€“1 cells. Artificial DNA, PNA & XNA, 2012, 3, 97-104.	1.4	25
54	Role of Cystic Fibrosis Bronchial Epithelium in Neutrophil Chemotaxis. Frontiers in Immunology, 2020, 11, 1438.	2.2	25

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55	Targeting miRâ€'155â€'5p and miRâ€'221â€'3p by peptide nucleic acids induces caspaseâ€'3 activation and apoptosis in temozolomideâ€'resistant T98G glioma cells. International Journal of Oncology, 2019, 55, 59-68.	1.4	22
56	Serum Exosomal microRNA-21, 222 and 124-3p as Noninvasive Predictive Biomarkers in Newly Diagnosed High-Grade Gliomas: A Prospective Study. Cancers, 2021, 13, 3006.	1.7	22
57	Pseudomonas aeruginosa reduces the expression of CFTR via post-translational modification of NHERF1. Pflugers Archiv European Journal of Physiology, 2014, 466, 2269-2278.	1.3	21
58	Nonsense mutation R1162X of the cystic fibrosis transmembrane conductance regulator gene does not reduce messenger RNA expression in nasal epithelial tissue.. Journal of Clinical Investigation, 1993, 92, 2683-2687.	3.9	21
59	The K(m) of NADH Dehydrogenase Is Decreased in Mitochondria of Cystic Fibrosis Cells. Enzyme, 1988, 40, 45-50.	0.7	20
60	cAMP-Dependent protein kinase inhibits the chloride conductance in apical membrane vesicles of hunman placenta. Journal of Membrane Biology, 1991, 119, 25-32.	1.0	20
61	Screening of 62 mutations in a cohort of cystic fibrosis patients from north eastern Italy: Their incidence and clinical features of defined genotypes. Human Mutation, 1993, 2, 389-394.	1.1	20
62	Radioisotopic Imaging Allows Optimization of Adenovirus Lung Deposition for Cystic Fibrosis Gene Therapy. Human Gene Therapy, 2001, 12, 1-11.	1.4	20
63	Chloride conductance in membrane vesicles from human placenta using a fluorescent probe. Implications for cystic fibrosis. Biochimica Et Biophysica Acta - Biomembranes, 1988, 945, 113-120.	1.4	19
64	Cystic fibrosis: The Î”F508 mutation does not lead to an exceptionally severe phenotype. A cohort study. European Journal of Pediatrics, 1993, 152, 1006-1011.	1.3	19
65	GBA2-Encoded Î²-Glucosidase Activity Is Involved in the Inflammatory Response to Pseudomonas aeruginosa. PLoS ONE, 2014, 9, e104763.	1.1	19
66	An antisense peptide nucleic acid against Pseudomonas aeruginosa inhibiting bacterial-induced inflammatory responses in the cystic fibrosis IB3-1 cellular model system. International Journal of Biological Macromolecules, 2017, 99, 492-498.	3.6	19
67	CFTR Expression in C127 Cells Is Associated with Enhanced Cell Shrinkage and ATP Extrusion in Clâ^'-Free Medium. Biochemical and Biophysical Research Communications, 1996, 227, 755-761.	1.0	18
68	A Peptide Nucleic Acid (PNA) Masking the miR-145-5p Binding Site of the 3â€²UTR of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) mRNA Enhances CFTR Expression in Calu-3 Cells. Molecules, 2020, 25, 1677.	1.7	18
69	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.	2.6	18
70	ICAM-1 induction in respiratory cells exposed to a replication-deficient recombinant adenovirus in vitro and in vivo. Gene Therapy, 1998, 5, 131-136.	2.3	17
71	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.	1.4	16
72	Differential Effects of Angelicin Analogues on NF-ÎB Activity and IL-8 Gene Expression in Cystic Fibrosis IB3-1 Cells. Mediators of Inflammation, 2017, 2017, 1-11.	1.4	16

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73	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.	2.6	16
74	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.	1.4	15
75	Virtual Screening against p50 NFâ€ºB Transcription Factor for the Identification of Inhibitors of the NFâ€ºBâ€“DNA Interaction and Expression of NFâ€ºB Upregulated Genes. ChemMedChem, 2009, 4, 2024-2033.	1.6	14
76	An evaluation of an enzyme immunoassay method for immunoreactive trypsin in dried blood spots. Clinical Biochemistry, 1990, 23, 213-219.	0.8	13
77	Design, synthesis and biological evaluation of novel trimethylangelicin analogues targeting nuclear factor kB (NF-kB). European Journal of Medicinal Chemistry, 2018, 151, 285-293.	2.6	13
78	Innovative Therapies for Cystic Fibrosis: The Road from Treatment to Cure. Molecular Diagnosis and Therapy, 2019, 23, 263-279.	1.6	12
79	Increased cytosolic calcium in cystic fibrosis neutrophils effect on stimulus - secretion coupling. Life Sciences, 1985, 36, 1561-1567.	2.0	11
80	GM1 as Adjuvant of Innovative Therapies for Cystic Fibrosis Disease. International Journal of Molecular Sciences, 2020, 21, 4486.	1.8	11
81	CFTR Protein Is Involved in the Efflux of Neutral Amino Acids. Biochemical and Biophysical Research Communications, 1994, 204, 653-658.	1.0	10
82	Intrathoracic splenosis: evaluation by 99mTc-labelled heat-denatured erythrocyte SPECT/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 412-412.	3.3	10
83	Overview of CF lung pathophysiology. Current Opinion in Pharmacology, 2022, 64, 102214.	1.7	10
84	Analysis of linkage disequilibrium between different cystic fibrosis mutations and three intragenic microsatellites in the Italian population. Human Mutation, 1995, 5, 23-27.	1.1	9
85	A polymorphism in the 5â€™ UTR of the DEFB1 gene is associated with the lung phenotype in F508del homozygous Italian cystic fibrosis patients. Clinical Chemistry and Laboratory Medicine, 2011, 49, 49-54.	1.4	9
86	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.	2.5	9
87	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.	1.4	9
88	High- Versus Low-Lipase Acid-Resistant Enzyme Preparations in Cystic Fibrosis: A Crossover Randomized Clinical Trial. Journal of Pediatric Gastroenterology and Nutrition, 1996, 22, 73-78.	0.9	9
89	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.	1.3	8
90	miRNAs in Serum Exosomes for Differential Diagnosis of Brain Metastases. Cancers, 2022, 14, 3493.	1.7	8

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91	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.	1.3	7
92	Late generation lentiviral vectors: Evaluation of inflammatory potential in human airway epithelial cells. Virus Research, 2009, 144, 8-17.	1.1	7
93	Editorial: Novel Anti-Inflammatory Approaches for Cystic Fibrosis Lung Disease: Identification of Molecular Targets and Design of Innovative Therapies. Frontiers in Pharmacology, 2021, 12, 794854.	1.6	7
94	Adenosine 3':5'-Monophosphate-Dependent Protein Kinase from Human Placenta: Characterization of the Catalytic Subunit. Enzyme, 1991, 45, 97-108.	0.7	5
95	The vacuolating toxin ofHelicobacter pylorimimicks the CFTR-mediated chloride conductance1. FEBS Letters, 2002, 532, 237-240.	1.3	5
96	Phenotypic intrafamilial heterogeneity in cystic fibrosis. Clinical Genetics, 1993, 44, 48-49.	1.0	5
97	cAMP dependent chloride conductance is not different in cystic fibrosis fibroblasts. Life Sciences, 1990, 46, 1265-1270.	2.0	4
98	The sensitivity of cystic fibrosis cells to diphtheria toxin. Toxicon, 1993, 31, 359-362.	0.8	3
99	REGOMA: A randomized, multicenter, controlled open-label phase II clinical trial evaluating regorafenib (REG) activity in relapsed glioblastoma (GBM) patients (PTS).. Journal of Clinical Oncology, 2017, 35, TPS2085-TPS2085.	0.8	3
100	Next-generation repeat-free FISH probes for DNA amplification in glioblastoma in vivo: Improving patient selection to MDM2-targeted inhibitors. Cancer Genetics, 2017, 210, 28-33.	0.2	2
101	Changes in neutral amino acid efflux and membrane potential associated with the expression of CFTR protein. Amino Acids, 1996, 11, 247-255.	1.2	2
102	Introduction to Oxidative Stress and Antioxidant Therapy in Respiratory Disorder. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 1-26.	0.4	0
103	fMRI Changes in the Brain Associated with the Carotid Compression Test. Journal of Computer Assisted Tomography, 1998, 22, 509-513.	0.5	0
104	Abstract 4432: Low miR-222 expression levels predict long-term survival of patients affected by glioblastoma. , 2017, , .		0