

Giovanna Chimini

List of Publications by Year in descending order

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72
papers

7,624
citations

57719

44
h-index

91828

69
g-index

75
all docs

75
docs citations

75
times ranked

7588
citing authors

#	ARTICLE	IF	CITATIONS
1	The human ATP-binding cassette (ABC) transporter superfamily. <i>Journal of Lipid Research</i> , 2001, 42, 1007-1017.	2.0	965
2	ABC1 promotes engulfment of apoptotic cells and transbilayer redistribution of phosphatidylserine.. <i>Nature Cell Biology</i> , 2000, 2, 399-406.	4.6	498
3	Molecular Cloning of the Human ATP-Binding Cassette Transporter 1 (hABC1): Evidence for Sterol-Dependent Regulation in Macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 29-33.	1.0	473
4	Transport of lipids from Golgi to plasma membrane is defective in Tangier disease patients and Abc1-deficient mice. <i>Nature Genetics</i> , 2000, 24, 192-196.	9.4	462
5	The Secretory Route of the Leaderless Protein Interleukin 1 β Involves Exocytosis of Endolysosome-related Vesicles. <i>Molecular Biology of the Cell</i> , 1999, 10, 1463-1475.	0.9	427
6	Function of Rho family proteins in actin dynamics during phagocytosis and engulfment. <i>Nature Cell Biology</i> , 2000, 2, E191-E196.	4.6	284
7	Cloning of Two Novel ABC Transporters Mapping on Human Chromosome 9. <i>Genomics</i> , 1994, 21, 150-159.	1.3	248
8	Interleukin-1 β Secretion Is Impaired by Inhibitors of the Atp Binding Cassette Transporter, ABC1. <i>Blood</i> , 1997, 90, 2911-2915.	0.6	207
9	A Two-Step Mechanism for Free Cholesterol and Phospholipid Efflux from Human Vascular Cells to Apolipoprotein A-I. <i>Biochemistry</i> , 2000, 39, 14113-14120.	1.2	196
10	Specific Docking of Apolipoprotein A-I at the Cell Surface Requires a Functional ABCA1 Transporter. <i>Journal of Biological Chemistry</i> , 2001, 276, 9955-9960.	1.6	189
11	Combined Deletion of Macrophage ABCA1 and ABCG1 Leads to Massive Lipid Accumulation in Tissue Macrophages and Distinct Atherosclerosis at Relatively Low Plasma Cholesterol Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 258-264.	1.1	178
12	Increased Hepatobiliary and Fecal Cholesterol Excretion upon Activation of the Liver X Receptor Is Independent of ABCA1. <i>Journal of Biological Chemistry</i> , 2002, 277, 33870-33877.	1.6	174
13	Reduced cholesterol absorption upon PPAR γ activation coincides with decreased intestinal expression of NPC1L1. <i>Journal of Lipid Research</i> , 2005, 46, 526-534.	2.0	161
14	ABCA1 Gene Deletion Protects against Cerebral Malaria. <i>American Journal of Pathology</i> , 2005, 166, 295-302.	1.9	158
15	Engulfment of apoptotic cells involves the redistribution of membrane phosphatidylserine on phagocyte and prey. <i>Nature Cell Biology</i> , 1999, 1, 454-456.	4.6	157
16	The phagocytosis of apoptotic cells. <i>Seminars in Immunology</i> , 2001, 13, 365-372.	2.7	146
17	Hepatobiliary cholesterol transport is not impaired in Abca1-null mice lacking HDL. <i>Journal of Clinical Investigation</i> , 2001, 108, 843-850.	3.9	127
18	ABC1, an ATP Binding Cassette Transporter Required for Phagocytosis of Apoptotic Cells, Generates a Regulated Anion Flux after Expression in <i>Xenopus laevis</i> Oocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 2695-2699.	1.6	123

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19	Microparticles From Ischemic Muscle Promotes Postnatal Vasculogenesis. <i>Circulation</i> , 2009, 119, 2808-2817.	1.6	118
20	Protein Kinase A Site-specific Phosphorylation Regulates ATP-binding Cassette A1 (ABCA1)-mediated Phospholipid Efflux. <i>Journal of Biological Chemistry</i> , 2002, 277, 41835-41842.	1.6	116
21	Platelet microparticles: a new player in malaria parasite cytoadherence to human brain endothelium. <i>FASEB Journal</i> , 2009, 23, 3449-3458.	0.2	103
22	Coexistence of Foam Cells and Hypocholesterolemia in Mice Lacking the ABC Transporters A1 and G1. <i>Circulation Research</i> , 2008, 102, 113-120.	2.0	100
23	The ABCA subclass of mammalian transporters. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 395-404.	1.4	96
24	ABCG2- and ABCG4-Mediated Efflux of Amyloid- β Peptide 1-40 at the Mouse Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 155-166.	1.2	95
25	Specific Mutations in ABCA1 Have Discrete Effects on ABCA1 Function and Lipid Phenotypes Both In Vivo and In Vitro. <i>Circulation Research</i> , 2006, 99, 389-397.	2.0	92
26	Cooperation between Engulfment Receptors: The Case of ABCA1 and MEGF10. <i>PLoS ONE</i> , 2006, 1, e120.	1.1	84
27	The Lipidation by Hepatocytes of Human Apolipoprotein A-I Occurs by Both ABCA1-dependent and -independent Pathways. <i>Journal of Biological Chemistry</i> , 2003, 278, 10119-10127.	1.6	80
28	ABCA1-dependent lipid efflux to apolipoprotein A-I mediates HDL particle formation and decreases VLDL secretion from murine hepatocytes. <i>Journal of Lipid Research</i> , 2004, 45, 1122-1131.	2.0	78
29	A novel coding sequence belonging to a new multicopy gene family mapping within the human MHC class I region. <i>Immunogenetics</i> , 1993, 38, 47-53.	1.2	76
30	Endocytosis and intracellular processing of platelet microparticles by brain endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1731-1738.	1.6	76
31	ATP-binding cassette transporter A1 is significantly involved in the intestinal absorption of α - and β -tocopherol but not in that of retinyl palmitate in mice. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 177-184.	2.2	71
32	Distinct sites on ABCA1 control distinct steps required for cellular release of phospholipids. <i>Journal of Lipid Research</i> , 2002, 43, 2077-2086.	2.0	69
33	Sequential Shrinkage and Swelling Underlie P2X7-Stimulated Lymphocyte Phosphatidylserine Exposure and Death. <i>Journal of Immunology</i> , 2008, 180, 300-308.	0.4	68
34	HLA-E is the only class I gene that escapes CpG methylation and is transcriptionally active in the trophoblast-derived human cell line JAR. <i>Immunogenetics</i> , 1993, 38, 117-130.	1.2	64
35	Headgroup-specific Exposure of Phospholipids in ABCA1-expressing Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 26321-26329.	1.6	63
36	Cell vesiculation and immunopathology: implications in cerebral malaria. <i>Microbes and Infection</i> , 2006, 8, 2305-2316.	1.0	63

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37	Phosphorylation by Protein Kinase CK2 Modulates the Activity of the ATP Binding Cassette A1 Transporter. <i>Journal of Biological Chemistry</i> , 2004, 279, 37779-37788.	1.6	62
38	Phosphatidylserine exposure in B lymphocytes: a role for lipid packing. <i>Blood</i> , 2006, 108, 1611-1617.	0.6	60
39	Enhanced Foam Cell Formation, Atherosclerotic Lesion Development, and Inflammation by Combined Deletion of ABCA1 and SR-BI in Bone Marrow-Derived Cells in LDL Receptor Knockout Mice on Western-Type Diet. <i>Circulation Research</i> , 2010, 107, e20-31.	2.0	60
40	Technical Advance: Autofluorescence as a tool for myeloid cell analysis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 597-603.	1.5	58
41	ABCA1, from pathology to membrane function. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 453, 569-579.	1.3	54
42	ABCA1 mediates high-affinity uptake of 25-hydroxycholesterol by membrane vesicles and rapid efflux of oxysterol by intact cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C490-C502.	2.1	53
43	Identification and functional analysis of a naturally occurring E89K mutation in the ABCA1 gene of the WHAM chicken. <i>Journal of Lipid Research</i> , 2002, 43, 1610-1617.	2.0	49
44	Transition from Dimers to Higher Oligomeric Forms Occurs during the ATPase Cycle of the ABCA1 Transporter. <i>Journal of Biological Chemistry</i> , 2006, 281, 20283-20290.	1.6	45
45	Functional implications of the influence of ABCA1 on lipid microenvironment at the plasma membrane: a biophysical study. <i>FASEB Journal</i> , 2009, 23, 1775-1785.	0.2	45
46	Isolation and Chromosomal Mapping of a Novel ATP-Binding Cassette Transporter Conserved in Mouse and Human. <i>Genomics</i> , 1997, 41, 275-278.	1.3	42
47	ABCA1 and the engulfment of apoptotic cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1585, 64-71.	1.2	42
48	ABCA2 is a marker of neural progenitors and neuronal subsets in the adult rodent brain. <i>Journal of Neurochemistry</i> , 2006, 97, 345-355.	2.1	36
49	Pantethine Prevents Murine Systemic Sclerosis Through the Inhibition of Microparticle Shedding. <i>Arthritis and Rheumatology</i> , 2015, 67, 1881-1890.	2.9	35
50	Molecular analysis of the human MHC class I region using yeast artificial chromosome clones. <i>Immunogenetics</i> , 1990, 32, 419-26.	1.2	33
51	Interplay of extracellular vesicles and other players in cerebral malaria pathogenesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 325-331.	1.1	31
52	Direct evidence of abca1-mediated efflux of cholesterol at the mouse blood-brain barrier. <i>Molecular and Cellular Biochemistry</i> , 2011, 357, 397-404.	1.4	28
53	Characterization of the Adrenoleukodystrophy-Related (ALDR, ABCD2) Gene Promoter: Inductibility by Retinoic Acid and Forskolin. <i>Genomics</i> , 2000, 70, 131-139.	1.3	25
54	ATP-binding cassette transporter hallmarks tissue macrophages and modulates cytokine-triggered polarization programs. <i>European Journal of Immunology</i> , 2009, 39, 2270-2280.	1.6	24

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55	Repulsive encounters. <i>Nature</i> , 2002, 418, 139-141.	13.7	22
56	Effects of Deletion of Macrophage ABCA7 on Lipid Metabolism and the Development of Atherosclerosis in the Presence and Absence of ABCA1. <i>PLoS ONE</i> , 2012, 7, e30984.	1.1	22
57	YAC-assisted cloning of a putative G-protein mapping to the MHC class I region. <i>Genomics</i> , 1992, 14, 857-862.	1.3	18
58	Exon organisation of the mouse gene encoding the Adrenoleukodystrophy related protein (ALDRP). <i>European Journal of Human Genetics</i> , 1998, 6, 638-641.	1.4	17
59	Nuclear localization of ciliary neurotrophic factor in glial cells. <i>Brain Research</i> , 1999, 818, 565-569.	1.1	14
60	Serum Pantetheinase/Manin Levels Regulate Erythrocyte Homeostasis and Severity of Malaria. <i>American Journal of Pathology</i> , 2015, 185, 3039-3052.	1.9	14
61	The mammalian ABC transporter ABCA1 induces lipid-dependent drug sensitivity in yeast. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 373-380.	1.2	9
62	Immunopathological consequences of the loss of engulfment genes: the case of ABCA1. <i>Société De Biologie Journal</i> , 2005, 199, 199-206.	0.3	7
63	The ABCA1 Transporter and ApoA-I Obligate or Facultative Partners?. <i>Trends in Cardiovascular Medicine</i> , 2002, 12, 294-298.	2.3	5
64	Molecular Diffusion of ABCA1 at the Cell Surface of Living Cells Assessed by svFCS. <i>Membranes</i> , 2021, 11, 498.	1.4	5
65	Global functional knockdown of ATP binding cassette transporter A1 stimulates development of atherosclerosis in apoE K/O mice. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 446-449.	1.0	4
66	Immunofluorescence and biochemical techniques to detect nuclear localization of ciliary neurotrophic factor in glial cells. <i>Brain Research Protocols</i> , 2000, 5, 273-281.	1.7	3
67	ROLE OF ABCA1 IN CELL TURNOVER AND LIPID HOMEOSTASIS. , 2003, , 479-496.		3
68	L'Élimination des cellules apoptotiques : une phagocytose particulière. <i>Medecine/Sciences</i> , 2002, 18, 853-860.	0.0	2
69	Mammalian ABC Transporters and Leaderless Secretion: Facts and Speculations. <i>Molecular Biology Intelligence Unit</i> , 1997, , 137-159.	0.2	1
70	Abca1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	1
71	The Role of ATP-Binding Cassette Transporters in the Clearance of Apoptotic Cells: A Tale of Two Systems. , 0, , 97-109.		0
72	Modulation of the ABCA1 transporter activity by protein kinase CK2. <i>International Congress Series</i> , 2004, 1262, 574-577.	0.2	0