Tarmo Annilo

List of Publications by Year
in descending order

34 papers	2,621 citations	279798 23 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3998 citing authors

#	Article	IF	Citations
1	ABCA3Gene Mutations in Newborns with Fatal Surfactant Deficiency. New England Journal of Medicine, 2004, 350, 1296-1303.	27.0	621
2	EVOLUTION OF THE ATP-BINDING CASSETTE (ABC) TRANSPORTER SUPERFAMILY IN VERTEBRATES. Annual Review of Genomics and Human Genetics, 2005, 6, 123-142.	6.2	540
3	Metaâ€analysis of microRNA expression in lung cancer. International Journal of Cancer, 2013, 132, 2884-2893.	5.1	195
4	Evolution of the vertebrate ABC gene family: Analysis of gene birth and death. Genomics, 2006, 88, 1-11.	2.9	150
5	Identification of miRâ€374a as a prognostic marker for survival in patients with earlyâ€stage nonsmall cell lung cancer. Genes Chromosomes and Cancer, 2011, 50, 812-822.	2.8	116
6	MicroRNAs miR-124 and miR-135a are potential regulators of the mineralocorticoid receptor gene (NR3C2) expression. Biochemical and Biophysical Research Communications, 2010, 391, 727-732.	2.1	108
7	Identification and characterization of a novel ABCA subfamily member, ABCA12, located in the lamellar ichthyosis region on 2q34. Cytogenetic and Genome Research, 2002, 98, 169-176.	1.1	67
8	Natural antisense transcript of natriuretic peptide precursor A (NPPA): structural organization and modulation of NPPA expression. BMC Molecular Biology, 2009, 10, 81.	3.0	64
9	Methylation Markers of Early-Stage Non-Small Cell Lung Cancer. PLoS ONE, 2012, 7, e39813.	2.5	62
10	De NovoSCN8A Mutation Identified by Whole-Exome Sequencing in a Boy With Neonatal Epileptic Encephalopathy, Multiple Congenital Anomalies, and Movement Disorders. Journal of Child Neurology, 2014, 29, NP202-NP206.	1.4	59
11	Comparative genome analysis of potential regulatory elements in the ABCG5â€“ABCG8 gene cluster. Biochemical and Biophysical Research Communications, 2002, 295, 276-282.	2.1	52
12	A Missense Mutation in DUSP6 is Associated with Class III Malocclusion. Journal of Dental Research, 2013, 92, 893-898.	5.2	51
13	Evolutionary analysis of a cluster of ATP-binding cassette (ABC) genes. Mammalian Genome, 2003, 14, 7-20.	2.2	44
14	C-reactive protein upregulates the whole blood expression of CD59 - an integrative analysis. PLoS Computational Biology, 2017, 13, e1005766.	3.2	44
15	Human and mouse orthologs of a new ATP-binding cassette gene, ABCG4. Cytogenetic and Genome Research, 2001, 94, 196-201.	1.1	42
16	The human ATP binding cassette gene ABCA13, located on chromosome 7p12.3, encodes a 5058 amino acid protein with an extracellular domain encoded in part by a 4.8-kb conserved exon. Cytogenetic and Genome Research, 2002, 98, 160-168.	1.1	39
17	Degeneration of an ATP-binding cassette transporter gene, ABCC13, in different mammalian lineages. Genomics, 2004, 84, 34-46.	2.9	36
18	Comprehensive Meta-analysis of MicroRNA Expression Using a Robust Rank Aggregation Approach. Methods in Molecular Biology, 2014, 1182, 361-373.	0.9	36

#	Article	IF	Citations
19	The dMRP/CG6214 gene of Drosophila is evolutionarily and functionally related to the human multidrug resistance-associated protein family. Insect Molecular Biology, 2004, 13, 539-548.	2.0	35
20	Nuclear Import and Nucleolar Accumulation of the Human Ribosomal Protein S7 Depends on both a Minimal Nuclear Localization Sequence and an Adjacent Basic Region. Biochemical and Biophysical Research Communications, 1998, 249, 759-766.	2.1	34
21	miRâ€10aâ€5p is increased in atopic dermatitis and has capacity to inhibit keratinocyte proliferation. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2146-2156.	5.7	31
22	Non-syndromic Tooth Agenesis Associated with a Nonsense Mutation in Ectodysplasin-A (EDA). Journal of Dental Research, 2013, 92, 507-511.	5.2	29
23	Altered Gene Expression Associated with microRNA Binding Site Polymorphisms. PLoS ONE, 2015, 10, e0141351.	2.5	29
24	Identifying and characterizing a five-gene cluster of ATP-binding cassette transporters mapping to human chromosome 17q24: a new subgroup within the ABCA subfamily. GeneScreen, 2001, 1, 157-164.	0.6	20
25	Mutation analysis and copy number alterations of KIF23 in non-small-cell lung cancer exhibiting KIF23 over-expression. OncoTargets and Therapy, 2017, Volume 10, 4969-4979.	2.0	20
26	Three ATP-binding cassette transporter genes, Abca14 , Abca15 , and Abca16 , form a cluster on mouse Chromosome 7F3. Mammalian Genome, 2004, 15, 335-343.	2.2	17
27	The human ribosomal protein S7-encoding gene: isolation, structure and localization in 2p25. Gene, 1995, 165, 297-302.	2.2	16
28	Different course of lung disease in two siblings with novel ABCA3 mutations. European Journal of Pediatrics, 2014, 173, 1553-1556.	2.7	16
29	Comparison of Peptide- and Lipid-Based Delivery of miR-34a-5p Mimic into PPC-1 Cells. Nucleic Acid Therapeutics, 2017, 27, 295-302.	3.6	13
30	A human-specific VNTR in the TRIB3 promoter causes gene expression variation between individuals. PLoS Genetics, 2020, 16, e1008981.	3.5	13
31	Metagenes Associated with Survival in Non-Small Cell Lung Cancer. Cancer Informatics, 2011, 10, CIN.S7135.	1.9	9
32	De novo exonic mutation in MYH7 gene leading to exon skipping in a patient with early onset muscular weakness and fiber-type disproportion. Neuromuscular Disorders, 2016, 26, 236-239.	0.6	8
33	Isolation and characterization of the mouse ribosomal protein S7 gene. IUBMB Life, 1998, 46, 287-295.	3.4	3
34	Genome-wide analysis of nuclear magnetic resonance metabolites revealed parent-of-origin effect on triglycerides in medium very low-density lipoprotein in PTPRD gene. Biomarkers in Medicine, 2018, 12, 439-446.	1.4	2