

# Ana Rebane

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

3,191  
citations

186209

28  
h-index

197736

49  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukins (from IL-1 to IL-38), interferons, transforming growth factor $\beta$ , and TNF- $\alpha$ : Receptors, functions, and roles in diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 984-1010.	1.5	612
2	The autoimmune regulator PHD finger binds to non-methylated histone H3K4 to activate gene expression. <i>EMBO Reports</i> , 2008, 9, 370-376.	2.0	210
3	Transcriptional regulation by AIRE: molecular mechanisms of central tolerance. <i>Nature Reviews Immunology</i> , 2008, 8, 948-957.	10.6	203
4	MicroRNAs: Essential players in the regulation of inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 15-26.	1.5	180
5	MicroRNA-146a alleviates chronic skin inflammation in atopic dermatitis through suppression of innate immune responses in keratinocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 836-847.e11.	1.5	152
6	Transportins 1 and 2 are redundant nuclear import factors for hnRNP A1 and HuR. <i>Rna</i> , 2004, 10, 590-599.	1.6	135
7	The autoimmune regulator PHD finger binds to non-methylated histone H3K4 to activate gene expression. <i>EMBO Reports</i> , 2008, 9, 370-376.	2.0	131
8	Mechanisms of IFN- $\gamma$ -induced apoptosis of human skin keratinocytes in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1297-1306.	1.5	128
9	MicroRNA Expression Profiles of Human Blood Monocyte-derived Dendritic Cells and Macrophages Reveal miR-511 as Putative Positive Regulator of Toll-like Receptor 4. <i>Journal of Biological Chemistry</i> , 2011, 286, 26487-26495.	1.6	121
10	Spotlight on microRNAs in allergy and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1661-1678.	2.7	98
11	AIRE activated tissue specific genes have histone modifications associated with inactive chromatin. <i>Human Molecular Genetics</i> , 2009, 18, 4699-4710.	1.4	81
12	AIRE's CARD Revealed, a New Structure for Central Tolerance Provokes Transcriptional Plasticity. <i>Journal of Biological Chemistry</i> , 2008, 283, 1723-1731.	1.6	80
13	The solution structure of the first PHD finger of autoimmune regulator in complex with non-modified histone H3 tail reveals the antagonistic role of H3R2 methylation. <i>Nucleic Acids Research</i> , 2009, 37, 2951-2961.	6.5	79
14	DNA-PK contributes to the phosphorylation of AIRE: Importance in transcriptional activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 74-83.	1.9	70
15	miR-146b Probably Assists miRNA-146a in the Suppression of Keratinocyte Proliferation and Inflammatory Responses in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1945-1954.	0.3	68
16	MicroRNAs in Allergy and Asthma. <i>Current Allergy and Asthma Reports</i> , 2014, 14, 424.	2.4	60
17	Cooperative activation of transcription by autoimmune regulator AIRE and CBP. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 944-953.	1.0	57
18	Increased microRNA-323-3p in IL-22/IL-17-producing T cells and asthma: a role in the regulation of the TGF- $\beta$ pathway and IL-22 production. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 55-65.	2.7	48

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19	Human CD40 ligand-expressing type 3 innate lymphoid cells induce IL-10-producing immature transitional regulatory B cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 178-194.e11.	1.5	46
20	Pre-administration of PepFect6-microRNA-146a nanocomplexes inhibits inflammatory responses in keratinocytes and in a mouse model of irritant contact dermatitis. <i>Journal of Controlled Release</i> , 2016, 235, 195-204.	4.8	42
21	The broad spectrum of interepithelial junctions in skin and lung. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 544-547.e4.	1.5	36
22	Autoimmune regulator is acetylated by transcription coactivator CBP/p300. <i>Experimental Cell Research</i> , 2012, 318, 1767-1778.	1.2	36
23	microRNA and Allergy. <i>Advances in Experimental Medicine and Biology</i> , 2015, 888, 331-352.	0.8	34
24	Signs of innate immune activation and premature immunosenescence in psoriasis patients. <i>Scientific Reports</i> , 2017, 7, 7553.	1.6	34
25	Allergoid-mannan conjugates reprogram monocytes into tolerogenic dendritic cells via epigenetic and metabolic rewiring. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 212-222.e9.	1.5	34
26	Locations of several novel 2'-O-methylated nucleotides in human 28S rRNA. <i>BMC Molecular Biology</i> , 2002, 3, 1.	3.0	32
27	Human rhinoviruses enter and induce proliferation of B lymphocytes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 232-243.	2.7	32
28	NickFect type of cell-penetrating peptides present enhanced efficiency for microRNA-146a delivery into dendritic cells and during skin inflammation. <i>Biomaterials</i> , 2020, 262, 120316.	5.7	32
29	miR-10a-5p is increased in atopic dermatitis and has capacity to inhibit keratinocyte proliferation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2146-2156.	2.7	31
30	Human ribosomal protein S3a: cloning of the cDNA and primary structure of the protein. <i>Gene</i> , 1992, 119, 313-316.	1.0	30
31	Genome-wide promoter analysis of histone modifications in human monocyte-derived antigen presenting cells. <i>BMC Genomics</i> , 2010, 11, 642.	1.2	29
32	Reduced expression of miR-146a in human bronchial epithelial cells alters neutrophil migration. <i>Clinical and Translational Allergy</i> , 2019, 9, 62.	1.4	26
33	MicroRNA-155 is Dysregulated in the Skin of Patients with Vitiligo and Inhibits Melanogenesis-associated Genes in Melanocytes and Keratinocytes. <i>Acta Dermato-Venereologica</i> , 2014, 96, 742-7.	0.6	23
34	Dual role of the miR-146 family in rhinovirus-induced airway inflammation and allergic asthma exacerbation. <i>Clinical and Translational Medicine</i> , 2021, 11, e427.	1.7	22
35	Lymphoid Stress Surveillance Response Contributes to Vitiligo Pathogenesis. <i>Frontiers in Immunology</i> , 2018, 9, 2707.	2.2	21
36	HSV-1EGFP stimulates miR-146a expression in a NF- $\kappa$ B-dependent manner in monocytic THP-1 cells. <i>Scientific Reports</i> , 2019, 9, 5157.	1.6	16

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37	SERPINB2 and miR-146a/b are coordinately regulated and act in the suppression of psoriasis-associated inflammatory responses in keratinocytes. <i>Experimental Dermatology</i> , 2020, 29, 51-60.	1.4	16
38	Heterogeneity of lower airway inflammation in patients with NSAID-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1269-1280.	1.5	16
39	Remodeling of bronchial epithelium caused by asthmatic inflammation affects its response to rhinovirus infection. <i>Scientific Reports</i> , 2021, 11, 12821.	1.6	16
40	A novel snoRNA (U73) is encoded within the introns of the human and mouse ribosomal protein S3a genes. <i>Gene</i> , 1998, 210, 255-263.	1.0	13
41	Comparison of Peptide- and Lipid-Based Delivery of miR-34a-5p Mimic into PPC-1 Cells. <i>Nucleic Acid Therapeutics</i> , 2017, 27, 295-302.	2.0	13
42	microRNA-146a is linked to the production of IgE in mice but not in atopic dermatitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2400-2403.	2.7	12
43	Platelet-activating factor decreases skin keratinocyte tight junction barrier integrity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1725-1728.e3.	1.5	7
44	Human basophil 2 up-regulates a cascade set of interferon-stimulated genes with anti-cancerous properties in a lung cancer model. <i>Cancer Cell International</i> , 2017, 17, 18.	1.8	6
45	Enhanced Cognition and Neurogenesis in miR-146b Deficient Mice. <i>Cells</i> , 2022, 11, 2002.	1.8	6
46	U82, a novel snoRNA identified from the fifth intron of human and mouse nucleolin gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1446, 426-430.	2.4	5
47	Extended HSR/CARD domain mediates AIRE binding to DNA. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 913-920.	1.0	5
48	Development of CPP-Based Methods for Delivery of miRNAs into the Skin and Airways: Lessons from Cell Culture and Mouse Models. <i>Methods in Molecular Biology</i> , 2022, 2383, 515-528.	0.4	4
49	Divalent Metal Ions Boost Effect of Nucleic Acids Delivered by Cell-Penetrating Peptides. <i>Cells</i> , 2022, 11, 756.	1.8	3
50	136 MiR-10a controls the proliferation and inflammatory responses of human primary keratinocytes. MiR-10a controls the proliferation and inflammatory responses of human primary keratinocytes. <i>Journal of Investigative Dermatology</i> , 2016, 136, S183.	0.3	0
51	390 SERPINB2 is regulated by the NF- $\kappa$ B pathway and miR-146a in human primary keratinocytes and psoriasis. <i>Journal of Investigative Dermatology</i> , 2017, 137, S259.	0.3	0
52	LB1556 miR-10a modulates keratinocyte responses in atopic dermatitis. <i>Journal of Investigative Dermatology</i> , 2018, 138, B15.	0.3	0