

Knut Krohn

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,705
citations

567281

15
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

5333
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular non-coding RNA ANRIL modulates ribosomal RNA maturation and atherosclerosis in humans. <i>Nature Communications</i> , 2016, 7, 12429.	12.8	859
2	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
3	Alu Elements in ANRIL Non-Coding RNA at Chromosome 9p21 Modulate Atherogenic Cell Functions through Trans-Regulation of Gene Networks. <i>PLoS Genetics</i> , 2013, 9, e1003588.	3.5	323
4	The role of HPV RNA transcription, immune response-related gene expression and disruptive <i>TP53</i> mutations in diagnostic and prognostic profiling of head and neck cancer. <i>International Journal of Cancer</i> , 2015, 137, 2846-2857.	5.1	169
5	Dissecting the genetics of the human transcriptome identifies novel trait-related <i>trans</i> -eQTLs and corroborates the regulatory relevance of non-protein coding loci. <i>Human Molecular Genetics</i> , 2015, 24, 4746-4763.	2.9	94
6	Calcium-sensing receptor-mediated NLRP3 inflammasome response to calciprotein particles drives inflammation in rheumatoid arthritis. <i>Nature Communications</i> , 2020, 11, 4243.	12.8	79
7	Glial Fibrillary Acidic Protein Transcription Responses to Transforming Growth Factor β 1 and Interleukin β 2 Are Mediated by a Nuclear Factor κ B-Like Site in the Near-Upstream Promoter. <i>Journal of Neurochemistry</i> , 1999, 72, 1353-1361.	3.9	76
8	Analysis options for high-throughput sequencing in miRNA expression profiling. <i>BMC Research Notes</i> , 2014, 7, 144.	1.4	75
9	Hot microscopic areas of iodine-deficient euthyroid goitres contain constitutively activating TSH receptor mutations. <i>Journal of Pathology</i> , 2000, 192, 37-42.	4.5	73
10	Progress in Understanding the Etiology of Thyroid Autonomy1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3336-3345.	3.6	73
11	Somatic Mutations in Thyroid Nodular Disease. <i>Molecular Genetics and Metabolism</i> , 2002, 75, 202-208.	1.1	58
12	Ras mutations are rare in solitary cold and toxic thyroid nodules. <i>Clinical Endocrinology</i> , 2001, 55, 241-248.	2.4	34
13	Complementary DNA Expression Array Analysis Suggests a Lower Expression of Signal Transduction Proteins and Receptors in Cold and Hot Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4834-4842.	3.6	30
14	The Human Blood Transcriptome in a Large Population Cohort and Its Relation to Aging and Health. <i>Frontiers in Big Data</i> , 2020, 3, 548873.	2.9	24
15	Cold Thyroid Nodules Show a Marked Increase in Proliferation Markers. <i>Thyroid</i> , 2003, 13, 569-575.	4.5	20
16	Novel Mutations in the Asparagine Synthetase Gene (ASNS) Associated With Microcephaly. <i>Frontiers in Genetics</i> , 2018, 9, 245.	2.3	15
17	Distinct abdominal and gluteal adipose tissue transcriptome signatures are altered by exercise training in African women with obesity. <i>Scientific Reports</i> , 2020, 10, 10240.	3.3	15
18	BRAF Mutations Are Not an Alternative Explanation for the Molecular Etiology of ras -Mutation Negative Cold Thyroid Nodules. <i>Thyroid</i> , 2004, 14, 359-361.	4.5	14

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19	Complementary DNA Expression Array Analysis Suggests a Lower Expression of Signal Transduction Proteins and Receptors in Cold and Hot Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4834-4842.	3.6	11
20	Identification of stably expressed housekeeping miRNAs in endothelial cells and macrophages in an inflammatory setting. <i>Scientific Reports</i> , 2019, 9, 12786.	3.3	10
21	In Depth Quantitative Proteomic and Transcriptomic Characterization of Human Adipocyte Differentiation using the SGBS Cell Line. <i>Proteomics</i> , 2020, 20, e1900405.	2.2	8
22	Single-cell trajectories of melanoma cell resistance to targeted treatment. <i>Cancer Biology and Medicine</i> , 2021, 18, 0-0.	3.0	6
23	STAT3 Enhances Sensitivity of Glioblastoma to Drug-Induced Autophagy-Dependent Cell Death. <i>Cancers</i> , 2022, 14, 339.	3.7	6
24	Changes in circulating microRNAs-99/100 and reductions of visceral and ectopic fat depots in response to lifestyle interventions: the CENTRAL trial. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 165-172.	4.7	6
25	Adhesion GPCR GPR56 Expression Profiling in Human Tissues. <i>Cells</i> , 2021, 10, 3557.	4.1	6
26	Circulating Levels of microRNA-122 and Hepatic Fat Change in Response to Weight-Loss Interventions: CENTRAL Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1899-e1906.	3.6	5
27	Sepsis Diagnostics: Intensive Care Scoring Systems Superior to MicroRNA Biomarker Testing. <i>Diagnostics</i> , 2020, 10, 701.	2.6	3
28	Changes in Circulating miR-375-3p and Improvements in Visceral and Hepatic Fat Contents in Response to Lifestyle Interventions: The CENTRAL Trial. <i>Diabetes Care</i> , 2022, 45, 1911-1913.	8.6	3
29	Intrinsic Exercise Capacity Affects Glycine and Angiotensin-Converting Enzyme 2 (ACE2) Levels in Sedentary and Exercise Trained Rats. <i>Metabolites</i> , 2022, 12, 548.	2.9	2
30	Hot microscopic areas of iodine-deficient euthyroid goitres contain constitutively activating TSH receptor mutations. <i>Journal of Pathology</i> , 2000, 192, 37-42.	4.5	1
31	Improving one-step scarless genome editing in <i>Drosophila melanogaster</i> by combining <i>ovoD</i> co-CRISPR selection with sgRNA target site masking. <i>Biology Methods and Protocols</i> , 2022, 7, bpac003.	2.2	1
32	37 CpG DNA methylation pattern in blood may reflect individuals' daily lifestyle. <i>Adipositas - Ursachen Folgeerkrankungen Therapie</i> , 2021, 15, .	0.2	0