

Trine B Rounge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8462834/publications.pdf>

Version: 2024-02-01

58
papers

1,964
citations

361413
20
h-index

265206
42
g-index

67
all docs

67
docs citations

67
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome sequence of Atlantic cod reveals a unique immune system. <i>Nature</i> , 2011, 477, 207-210.	27.8	730
2	A comprehensive profile of circulating RNAs in human serum. <i>RNA Biology</i> , 2018, 15, 242-250.	3.1	117
3	A genome-wide analysis of nonribosomal peptide synthetase gene clusters and their peptides in a <i>Planktothrix rubescens</i> strain. <i>BMC Genomics</i> , 2009, 10, 396.	2.8	89
4	Comparison of Cyanopeptolin Genes in <i>Planktothrix</i> , <i>Microcystis</i> , and <i>Anabaena</i> Strains: Evidence for Independent Evolution within Each Genus. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7322-7330.	3.1	60
5	A pair of chiral flavonolignans as novel anti-cyanobacterial allelochemicals derived from barley straw (<i>Hordium vulgare</i>): characterization and comparison of their anti-cyanobacterial activities. <i>Environmental Microbiology</i> , 2014, 16, 1238-1251.	3.8	58
6	Gender-Specific Associations Between Saliva Microbiota and Body Size. <i>Frontiers in Microbiology</i> , 2019, 10, 767.	3.5	51
7	Two new loci and gene sets related to sex determination and cancer progression are associated with susceptibility to testicular germ cell tumor. <i>Human Molecular Genetics</i> , 2015, 24, 4138-4146.	2.9	49
8	Profiling of the small RNA populations in human testicular germ cell tumors shows global loss of piRNAs. <i>Molecular Cancer</i> , 2015, 14, 153.	19.2	48
9	From Green to Red: Horizontal Gene Transfer of the Phycoerythrin Gene Cluster between <i>Planktothrix</i> Strains. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6803-6812.	3.1	39
10	Sources to variability in circulating human miRNA signatures. <i>RNA Biology</i> , 2017, 14, 1791-1798.	3.1	38
11	microRNA Biomarker Discovery and High-Throughput DNA Sequencing Are Possible Using Long-term Archived Serum Samples. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1381-1387.	2.5	35
12	Intra-host sequence variability in human papillomavirus. <i>Papillomavirus Research (Amsterdam, Neth.)</i> 10, 1-10. doi:10.1016/j.pvr.2018.04.001	4.5	35
13	Circulating small non-coding RNAs associated with age, sex, smoking, body mass and physical activity. <i>Scientific Reports</i> , 2018, 8, 17650.	3.3	31
14	Cohort Profile: The Finnish Health in Teens (Fin-HIT) study: a population-based study. <i>International Journal of Epidemiology</i> , 2019, 48, 23-24h.	1.9	31
15	Reproducibility and repeatability of six high-throughput 16S rDNA sequencing protocols for microbiota profiling. <i>Journal of Microbiological Methods</i> , 2018, 147, 76-86.	1.6	30
16	Identifying eating habits in Finnish children: a cross-sectional study. <i>BMC Public Health</i> , 2019, 19, 312.	2.9	30
17	Recombination and selectional forces in cyanopeptolin NRPS operons from highly similar, but geographically remote <i>Planktothrix</i> strains. <i>BMC Microbiology</i> , 2008, 8, 141.	3.3	27
18	Validity of home-measured height, weight and waist circumference among adolescents. <i>European Journal of Public Health</i> , 2016, 26, 975-977.	0.3	26

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19	A high-resolution map of the human small non-coding transcriptome. <i>Bioinformatics</i> , 2018, 34, 1621-1628.	4.1	24
20	Picky eating “ A risk factor for underweight in Finnish preadolescents. <i>Appetite</i> , 2019, 133, 107-114.	3.7	24
21	Epigenome-Wide Analysis of Methylation Changes in the Sequence of Gallstone Disease, Dysplasia, and Gallbladder Cancer. <i>Hepatology</i> , 2021, 73, 2293-2310.	7.3	24
22	TaME-seq: An efficient sequencing approach for characterisation of HPV genomic variability and chromosomal integration. <i>Scientific Reports</i> , 2019, 9, 524.	3.3	23
23	Genome-wide DNA methylation in saliva and body size of adolescent girls. <i>Epigenomics</i> , 2016, 8, 1495-1505.	2.1	22
24	Evaluating gut microbiota profiles from archived fecal samples. <i>BMC Gastroenterology</i> , 2018, 18, 171.	2.0	22
25	The CRCbiome study: a large prospective cohort study examining the role of lifestyle and the gut microbiome in colorectal cancer screening participants. <i>BMC Cancer</i> , 2021, 21, 930.	2.6	22
26	Heavy screen users are the heaviest among 10,000 children. <i>Scientific Reports</i> , 2019, 9, 11158.	3.3	21
27	Cisplatin treatment of testicular cancer patients introduces long-term changes in the epigenome. <i>Clinical Epigenetics</i> , 2019, 11, 179.	4.1	18
28	Antimicrobial drug use in the first decade of life influences saliva microbiota diversity and composition. <i>Microbiome</i> , 2020, 8, 121.	11.1	18
29	Gene Flow, Recombination, and Selection in Cyanobacteria: Population Structure of Geographically Related <i>Planktothrix</i> Freshwater Strains. <i>Applied and Environmental Microbiology</i> , 2013, 79, 508-515.	3.1	16
30	A 10-year prediagnostic follow-up study shows that serum RNA signals are highly dynamic in lung carcinogenesis. <i>Molecular Oncology</i> , 2020, 14, 235-247.	4.6	16
31	Genotypic diversity of anogenital human papillomavirus in women attending cervical cancer screening in Harare, Zimbabwe. <i>Journal of Medical Virology</i> , 2017, 89, 1671-1677.	5.0	15
32	Eating habits and weight status in Finnish adolescents. <i>Public Health Nutrition</i> , 2019, 22, 2617-2624.	2.2	14
33	Heavy Screen Use on Weekends in Childhood Predicts Increased Body Mass Index in Adolescence: A Three-Year Follow-Up Study. <i>Journal of Adolescent Health</i> , 2020, 66, 559-566.	2.5	14
34	Serum RNAs can predict lung cancer up to 10 years prior to diagnosis. <i>ELife</i> , 2022, 11, .	6.0	14
35	SUBPOPULATION DIFFERENTIATION ASSOCIATED WITH NONRIBOSOMAL PEPTIDE SYNTHETASE GENE CLUSTER DYNAMICS IN THE CYANOBACTERIUM <i>PLANKTOTHRIX</i> SPP.1. <i>Journal of Phycology</i> , 2010, 46, 645-652.	2.3	13
36	Identification and Quantification of Genomic Repeats and Sample Contamination in Assemblies of 454 Pyrosequencing Reads. <i>Sequencing</i> , 2010, 2010, 1-12.	0.5	13

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37	HPV16 and HPV18 type-specific APOBEC3 and integration profiles in different diagnostic categories of cervical samples. <i>Tumour Virus Research</i> , 2021, 12, 200221.	3.8	12
38	HPV16 whole genome minority variants in persistent infections from young Dutch women. <i>Journal of Clinical Virology</i> , 2019, 119, 24-30.	3.1	10
39	Genetic risk score predicts risk for overweight and obesity in Finnish preadolescents. <i>Clinical Obesity</i> , 2019, 9, e12342.	2.0	10
40	Competitive learning suggests circulating miRNA profiles for cancers decades prior to diagnosis. <i>RNA Biology</i> , 2020, 17, 1416-1426.	3.1	10
41	HPV Genotyping of Modified General Primer-Amplicons Is More Analytically Sensitive and Specific by Sequencing than by Hybridization. <i>PLoS ONE</i> , 2017, 12, e0169074.	2.5	9
42	Self-collected and clinician-collected anal swabs show modest agreement for HPV genotyping. <i>PLoS ONE</i> , 2021, 16, e0250426.	2.5	8
43	Mitochondrial genome variation of Atlantic cod. <i>BMC Research Notes</i> , 2018, 11, 397.	1.4	6
44	Ultralow amounts of DNA from long-term archived serum samples produce quality genotypes. <i>European Journal of Human Genetics</i> , 2020, 28, 521-524.	2.8	6
45	Serum RNA Profiling in the 10-Years Period Prior to Diagnosis of Testicular Germ Cell Tumor. <i>Frontiers in Oncology</i> , 2020, 10, 574977.	2.8	6
46	RNA Sequencing of Hepatobiliary Cancer Cell Lines: Data and Applications to Mutational and Transcriptomic Profiling. <i>Cancers</i> , 2020, 12, 2510.	3.7	6
47	Meal Regularity Plays a Role in Shaping the Saliva Microbiota. <i>Frontiers in Microbiology</i> , 2020, 11, 757.	3.5	5
48	Assessing genome-wide significance for the detection of differentially methylated regions. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2018, 17, .	0.6	4
49	Saliva microbiota differs between children with low and high sedentary screen times. <i>Human Microbiome Journal</i> , 2021, 20, 100080.	3.8	3
50	Identification of Circulating lncRNAs Associated with Gallbladder Cancer Risk by Tissue-Based Preselection, Cis-eQTL Validation, and Analysis of Association with Genotype-Based Expression. <i>Cancers</i> , 2022, 14, 634.	3.7	3
51	Lifetime antimicrobial use is associated with weight status in early adolescenceâ€”A registerâ€based cohort study. <i>Pediatric Obesity</i> , 2021, 16, e12727.	2.8	1
52	Ultralow amounts of DNA from long-term archived serum samples produce high-quality methylomes. <i>Clinical Epigenetics</i> , 2021, 13, 107.	4.1	0
53	Abstract 1501: Optimizing small RNAseq of archived serum samples from the Janus Serum Bank - a search for cancer biomarkers. , 2014, , .		0
54	Abstract 842: Two new loci and gene sets related to sex determination and cancer progression are associated with susceptibility to testicular germ cell tumor. , 2015, , .		0

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55	Abstract LB-296: Small RNA profiling of human testicular germ cell tumor tissue samples shows abundant tRNA fragments and global loss of piRNA. , 2015, , .		0
56	Abstract A01: Genome-wide changes in expression of small RNAs in human testis cancer tissue. , 2015, , .		0
57	Abstract 524: Impact of age, sex, smoking, body mass and physical activity on circulating small non-coding RNA expression profiles. , 2018, , .		0
58	Abstract 4325: Cisplatin treatment of testicular cancer introduces long-term changes to the epigenome. , 2018, , .		0