Rainer Juhani Lehtonen

List of Publications by Year
in descending order

35	2,737	393982	360668
papers	citations	19 h-index	35 g-index

38	38	38	4833
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PRISM: recovering cell-type-specific expression profiles from individual composite RNA-seq samples. Bioinformatics, 2021, 37, 2882-2888.	1.8	17
2	FUNGI: FUsioN Gene Integration toolset. Bioinformatics, 2021, 37, 3353-3355.	1.8	1
3	Co-evolution of matrisome and adaptive adhesion dynamics drives ovarian cancer chemoresistance. Nature Communications, 2021, 12, 3904.	5.8	74
4	Deficient H2A.Z deposition is associated with genesis of uterine leiomyoma. Nature, 2021, 596, 398-403.	13.7	53
5	qSNE: quadratic rate t-SNE optimizer with automatic parameter tuning for large datasets. Bioinformatics, 2020, 36, 5086-5092.	1.8	3
6	Distinct subtypes of diffuse large B-cell lymphoma defined by hypermutated genes. Leukemia, 2019, 33, 2662-2672.	3.3	24
7	Prospective Longitudinal ctDNA Workflow Reveals Clinically Actionable Alterations in Ovarian Cancer. JCO Precision Oncology, 2019, 3, 1-12.	1.5	20
8	Impact of constitutional TET2 haploinsufficiency on molecular and clinical phenotype in humans. Nature Communications, 2019, 10, 1252.	5.8	67
9	Open Source Infrastructure for Health Care Data Integration and Machine Learning Analyses. JCO Clinical Cancer Informatics, 2019, 3, 1-16.	1.0	5
10	Drug screening approach combines epigenetic sensitization with immunochemotherapy in cancer. Clinical Epigenetics, 2019, 11, 192.	1.8	1
11	Anagrelide for Gastrointestinal Stromal Tumor. Clinical Cancer Research, 2019, 25, 1676-1687.	3.2	14
12	Identifying differentially methylated sites in samples with varying tumor purity. Bioinformatics, 2018, 34, 3078-3085.	1.8	3
13	Mathematical Modeling Predicts Response to Chemotherapy and Drug Combinations in Ovarian Cancer. Cancer Research, 2018, 78, 4036-4044.	0.4	31
14	A Functional Homologous Recombination Assay Predicts Primary Chemotherapy Response and Long-Term Survival in Ovarian Cancer Patients. Clinical Cancer Research, 2018, 24, 4482-4493.	3.2	91
15	Genetic predisposition to uterine leiomyoma is determined by loci for genitourinary development and genome stability. ELife, 2018, 7, .	2.8	58
16	Deltex-1 mutations predict poor survival in diffuse large B-cell lymphoma. Haematologica, 2017, 102, e195-e198.	1.7	23
17	MicroRNAs regulate key cell survival pathways and mediate chemosensitivity during progression of diffuse large B-cell lymphoma. Blood Cancer Journal, 2017, 7, 654.	2.8	26
18	Multiple components of PKA and TGF-Î² pathways are mutated in pseudomyxoma peritonei. PLoS ONE, 2017, 12, e0174898.	1.1	15

#	Article	IF	Citations
19	Genetic effects on life-history traits in the Glanville fritillary butterfly. PeerJ, 2017, 5, e3371.	0.9	5
20	SePIA: RNA and small RNA sequence processing, integration, and analysis. BioData Mining, 2016, 9, 20.	2.2	25
21	Data integration to prioritize drugs using genomics and curated data. BioData Mining, 2016, 9, 21.	2.2	14
22	Complete androgen insensitivity syndrome caused by a deep intronic pseudoexon-activating mutation in the androgen receptor gene. Scientific Reports, 2016, 6, 32819.	1.6	42
23	Expressional profiling of prostate cancer risk SNPs at 11q13.5 identifies DGAT2 as a new target gene. Genes Chromosomes and Cancer, 2016, 55, 661-673.	1.5	5
24	Effects of ambient and preceding temperatures and metabolic genes on flight metabolism in the Glanville fritillary butterfly. Journal of Insect Physiology, 2016, 85, 23-31.	0.9	16
25	Predictable allele frequency changes due to habitat fragmentation in the Glanville fritillary butterfly. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2678-2683.	3.3	66
26	Low Expression and Somatic Mutations of the KLHL6 Gene Predict Poor Survival in Patients with Activated B-Cell like Diffuse Large B-Cell Lymphoma. Blood, 2016, 128, 2926-2926.	0.6	3
27	Identification of sample-specific regulations using integrative network level analysis. BMC Cancer, 2015, 15, 319.	1.1	11
28	Identification of Prognostic Groups in High-Grade Serous Ovarian Cancer Treated with Platinumâ€“Taxane Chemotherapy. Cancer Research, 2015, 75, 2987-2998.	0.4	31
29	Flightâ€induced changes in gene expression in the Glanville fritillary butterfly. Molecular Ecology, 2015, 24, 4886-4900.	2.0	28
30	The Glanville fritillary genome retains an ancient karyotype and reveals selective chromosomal fusions in Lepidoptera. Nature Communications, 2014, 5, 4737.	5.8	196
31	Phenotypic plasticity in thermal tolerance in the Glanville fritillary butterfly. Journal of Thermal Biology, 2014, 42, 33-39.	1.1	19
32	Lep-MAP: fast and accurate linkage map construction for large SNP datasets. Bioinformatics, 2013, 29, 3128-3134.	1.8	114
33	Plastic larval development in a butterfly has complex environmental and genetic causes and consequences for population dynamics. Journal of Animal Ecology, 2013, 82, 529-539.	1.3	43
34	Biallelic Inactivation of Fumarate Hydratase (FH) Occurs in Nonsyndromic Uterine Leiomyomas but Is Rare in Other Tumors. American Journal of Pathology, 2004, 164, 17-22.	1.9	167
35	Germline mutations in FH predispose to dominantly inherited uterine fibroids, skin leiomyomata and papillary renal cell cancer. Nature Genetics, 2002, 30, 406-410.	9.4	1,426