

Nenad Bartonicek

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,622
citations

393982

19
h-index

552369

26
g-index

34
all docs

34
docs citations

34
times ranked

7276
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-cell and spatially resolved atlas of human breast cancers. <i>Nature Genetics</i> , 2021, 53, 1334-1347.	9.4	535
2	lncRNADB v2.0: expanding the reference database for functional long noncoding RNAs. <i>Nucleic Acids Research</i> , 2015, 43, D168-D173.	6.5	474
3	Long noncoding RNAs in cancer: mechanisms of action and technological advancements. <i>Molecular Cancer</i> , 2016, 15, 43.	7.9	387
4	Kraken: A set of tools for quality control and analysis of high-throughput sequence data. <i>Methods</i> , 2013, 63, 41-49.	1.9	346
5	Evidence that TLR4 Is Not a Receptor for Saturated Fatty Acids but Mediates Lipid-Induced Inflammation by Reprogramming Macrophage Metabolism. <i>Cell Metabolism</i> , 2018, 27, 1096-1110.e5.	7.2	309
6	The endonuclease activity of Mili fuels piRNA amplification that silences LINE1 elements. <i>Nature</i> , 2011, 480, 259-263.	13.7	285
7	The miR-144/451 locus is required for erythroid homeostasis. <i>Journal of Experimental Medicine</i> , 2010, 207, 1351-1358.	4.2	277
8	Stromal cell diversity associated with immune evasion in human triple-negative breast cancer. <i>EMBO Journal</i> , 2020, 39, e104063.	3.5	224
9	Targeted Deletion of MicroRNA-22 Promotes Stress-Induced Cardiac Dilation and Contractile Dysfunction. <i>Circulation</i> , 2012, 125, 2751-2761.	1.6	161
10	MiR-221 Influences Effector Functions and Actin Cytoskeleton in Mast Cells. <i>PLoS ONE</i> , 2011, 6, e26133.	1.1	81
11	Long Noncoding RNAs CUPID1 and CUPID2 Mediate Breast Cancer Risk at 11q13 by Modulating the Response to DNA Damage. <i>American Journal of Human Genetics</i> , 2017, 101, 255-266.	2.6	77
12	Droplet-based single cell RNAseq tools: a practical guide. <i>Lab on A Chip</i> , 2019, 19, 1706-1727.	3.1	77
13	The long noncoding RNA lncNB1 promotes tumorigenesis by interacting with ribosomal protein RPL35. <i>Nature Communications</i> , 2019, 10, 5026.	5.8	67
14	Lipid Uptake Is an Androgen-Enhanced Lipid Supply Pathway Associated with Prostate Cancer Disease Progression and Bone Metastasis. <i>Molecular Cancer Research</i> , 2019, 17, 1166-1179.	1.5	51
15	Extent, Causes, and Consequences of Small RNA Expression Variation in Human Adipose Tissue. <i>PLoS Genetics</i> , 2012, 8, e1002704.	1.5	48
16	miR-221 affects multiple cancer pathways by modulating the level of hundreds messenger RNAs. <i>Frontiers in Genetics</i> , 2013, 4, 64.	1.1	42
17	SylArray: a web server for automated detection of miRNA effects from expression data. <i>Bioinformatics</i> , 2010, 26, 2900-2901.	1.8	36
18	Targeted, High-Resolution RNA Sequencing of Non-coding Genomic Regions Associated With Neuropsychiatric Functions. <i>Frontiers in Genetics</i> , 2019, 10, 309.	1.1	28

#	ARTICLE	IF	CITATIONS
19	Cryopreservation of human cancers conserves tumour heterogeneity for single-cell multi-omics analysis. <i>Genome Medicine</i> , 2021, 13, 81.	3.6	25
20	Non-coding RNAs underlie genetic predisposition to breast cancer. <i>Genome Biology</i> , 2020, 21, 7.	3.8	21
21	Identification of a novel fusion transcript between human relaxin-1 (RLN1) and human relaxin-2 (RLN2) in prostate cancer. <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 159-168.	1.6	18
22	ELF5 modulates the estrogen receptor cistrome in breast cancer. <i>PLoS Genetics</i> , 2020, 16, e1008531.	1.5	17
23	Adiponectin receptor activation inhibits prostate cancer xenograft growth. <i>Endocrine-Related Cancer</i> , 2020, 27, 711-729.	1.6	12
24	MADNet: microarray database network web server. <i>Nucleic Acids Research</i> , 2008, 36, W332-W335.	6.5	8
25	Large-Scale Identification of MicroRNA Targets in Murine Dgcr8-Deficient Embryonic Stem Cell Lines. <i>PLoS ONE</i> , 2012, 7, e41762.	1.1	8
26	Leptin antagonism inhibits prostate cancer xenograft growth and progression. <i>Endocrine-Related Cancer</i> , 2021, 28, 353-375.	1.6	6
27	Abstract 2761: CODEX highly multiplex image mapping to CITEseq datasets reveal the spatial dynamics of the TME during the development of acquired resistant in immunotherapy treated melanoma. , 2021, , .		1
28	Deciphering the role of micrnas in early stages of haematopoiesis. <i>Experimental Hematology</i> , 2013, 41, S38.	0.2	0
29	Abstract P1-04-04: Dna barcoding reveals ongoing immunoediting of clonal cancer populations during metastatic progression and in response to immunotherapy. <i>Cancer Research</i> , 2022, 82, P1-04-04-P1-04-04.	0.4	0
30	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
31	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
32	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
33	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0