

Manuela Zucknick

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

6,515
citations

126907

33
h-index

64796

79
g-index

100
all docs

100
docs citations

100
times ranked

12576
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical advising: Professional development opportunities for the biostatistician. <i>Statistics in Medicine</i> , 2022, 41, 847-859.	1.6	2
2	“Psychometric properties of the Norwegian foot function index revised short form” <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 416.	1.9	1
3	Placenta-derived proteins across gestation in healthy pregnancies—a novel approach to assess placental function?. <i>BMC Medicine</i> , 2022, 20, .	5.5	4
4	Maternal body mass index and placental weight: a role for fetal insulin, maternal insulin and leptin. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 2105-2121.	3.3	3
5	Mediators Linking Maternal Weight to Birthweight and Neonatal Fat Mass in Healthy Pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1977-1993.	3.6	4
6	MicroRNA Expression Differences in Blood-Derived CD19+ B Cells of Methotrexate Treated Rheumatoid Arthritis Patients. <i>Frontiers in Immunology</i> , 2021, 12, 663736.	4.8	8
7	Hand use development in children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1462-1468.	2.1	6
8	Pre-stroke cognitive impairment is associated with vascular imaging pathology: a prospective observational study. <i>BMC Geriatrics</i> , 2021, 21, 362.	2.7	9
9	bayesynergy: flexible Bayesian modelling of synergistic interaction effects in <i>in vitro</i> drug combination experiments. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	12
10	Combining heterogeneous subgroups with graph-structured variable selection priors for Cox regression. <i>BMC Bioinformatics</i> , 2021, 22, 586.	2.6	3
11	Systematic assessment of commercially available low-input miRNA library preparation kits. <i>RNA Biology</i> , 2020, 17, 75-86.	3.1	28
12	Machine learning workflows to estimate class probabilities for precision cancer diagnostics on DNA methylation microarray data. <i>Nature Protocols</i> , 2020, 15, 479-512.	12.0	89
13	Role of the Wnt signaling pathway in keratoacanthoma. <i>Cancer Reports</i> , 2020, 3, e1219.	1.4	3
14	Identification and Validation of Leucine-rich Î±-2-glycoprotein 1 as a Noninvasive Biomarker for Improved Precision in Prostate Cancer Risk Stratification. <i>European Urology Open Science</i> , 2020, 21, 51-60.	0.4	13
15	Loss of CBY1 results in a ciliopathy characterized by features of Joubert syndrome. <i>Human Mutation</i> , 2020, 41, 2179-2194.	2.5	16
16	The effects of a dialogue-based intervention to promote psychosocial well-being after stroke: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2020, 34, 1056-1071.	2.2	13
17	An extension to: Systematic assessment of commercially available low-input miRNA library preparation kits. <i>RNA Biology</i> , 2020, 17, 1284-1292.	3.1	4
18	Factors increasing the risk of inappropriate vancomycin therapy in ICU patients: A prospective observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1295-1304.	1.6	8

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19	Structured penalized regression for drug sensitivity prediction. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 525-545.	1.0	4
20	Lack of interleukin-33 and its receptor does not prevent calcipotriol-induced atopic dermatitis-like inflammation in mice. <i>Scientific Reports</i> , 2020, 10, 6451.	3.3	11
21	Neutrophil extracellular trap components and myocardial recovery in post-ischemic acute heart failure. <i>PLoS ONE</i> , 2020, 15, e0241333.	2.5	6
22	Learning Cancer Drug Sensitivities in Large-Scale Screens from Multi-omics Data with Local Low-Rank Structure. <i>Lecture Notes in Computer Science</i> , 2020, , 67-79.	1.3	0
23	Impact of animated instruction on tablets and hands-on training in applying bimanual perineal support on episiotomy rates: an intervention study. <i>International Urogynecology Journal</i> , 2019, 30, 1343-1350.	1.4	3
24	Effect of a dialogue-based intervention on psychosocial well-being 6 months after stroke in Norway: A randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 557-565.	1.1	9
25	Dissecting the Prognostic Significance and Functional Role of Progranulin in Chronic Lymphocytic Leukemia. <i>Cancers</i> , 2019, 11, 822.	3.7	5
26	Shared epitope is associated with the reactivity of Th17 cells to cigarette smoke extract regardless of smoking history. <i>Cellular and Molecular Immunology</i> , 2019, 16, 674-675.	10.5	1
27	The General Health Questionnaire-28 (GHQ-28) as an outcome measurement in a randomized controlled trial in a Norwegian stroke population. <i>BMC Psychology</i> , 2019, 7, 18.	2.1	26
28	Noninvasive profiling of serum cytokines in breast cancer patients and clinicopathological characteristics. <i>Oncimmunology</i> , 2019, 8, e1537691.	4.6	27
29	Associations between clinical symptoms, plasma norepinephrine and deregulated immune gene networks in subgroups of adolescent with Chronic Fatigue Syndrome. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 82-96.	4.1	9
30	Are volume measurements of non-functioning pituitary adenomas reliable?. <i>Endocrine</i> , 2019, 63, 171-176.	2.3	5
31	Development of bimanual performance in young children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 490-497.	2.1	23
32	Tumor necrosis factor receptor signaling is a driver of chronic lymphocytic leukemia that can be therapeutically targeted by the flavonoid wogonin. <i>Haematologica</i> , 2018, 103, 688-697.	3.5	26
33	<i>NFATC1</i> activation by <i>DNA</i> hypomethylation in chronic lymphocytic leukemia correlates with clinical staging and can be inhibited by ibrutinib. <i>International Journal of Cancer</i> , 2018, 142, 322-333.	5.1	33
34	Toward Integrative Bayesian Analysis in Molecular Biology. <i>Annual Review of Statistics and Its Application</i> , 2018, 5, 141-167.	7.0	11
35	Quality control for Illumina 450K methylation data in the absence of iDat files using correlation structure in pedigrees and repeated measures. <i>BMC Genetics</i> , 2018, 19, 66.	2.7	3
36	A maternal meal affects clinical Doppler parameters in the fetal middle cerebral artery. <i>PLoS ONE</i> , 2018, 13, e0209990.	2.5	4

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37	A Bayesian mixed modeling approach for estimating heritability. BMC Proceedings, 2018, 12, 31.	1.6	9
38	Maternal concentrations of human chorionic gonadotrophin in very early IVF pregnancies and duration of pregnancy: a follow-up study. Reproductive BioMedicine Online, 2018, 37, 208-215.	2.4	4
39	The role of E and N-cadherin in the postoperative course of gonadotroph pituitary tumours. Endocrine, 2018, 62, 351-360.	2.3	15
40	Validation of two short questionnaires assessing physical activity in colorectal cancer patients. BMC Sports Science, Medicine and Rehabilitation, 2018, 10, 8.	1.7	11
41	Episiotomy practice in six Palestinian hospitals: a population-based cohort study among singleton vaginal births. BMJ Open, 2018, 8, e021629.	1.9	7
42	Serum cytokine levels in breast cancer patients during neoadjuvant treatment with bevacizumab. OncoImmunology, 2018, 7, e1457598.	4.6	18
43	<sc>DMBT</sc>1 expression in biliary carcinogenesis with correlation of clinicopathological data. Histopathology, 2017, 70, 1064-1071.	2.9	4
44	The Norwegian dietary guidelines and colorectal cancer survival (CRC-NORDIET) study: a food-based multicentre randomized controlled trial. BMC Cancer, 2017, 17, 83.	2.6	25
45	Early postoperative growth in non-functioning pituitary adenomas; A tool to tailor safe follow-up. Endocrine, 2017, 57, 35-45.	2.3	7
46	Estrogen Receptor β , a Sex-Dependent Predictor of Aggressiveness in Nonfunctioning Pituitary Adenomas: SSTR and Sex Hormone Receptor Distribution in NFPA. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3581-3590.	3.6	43
47	Integration of Multiple Genomic Data Sources in a Bayesian Cox Model for Variable Selection and Prediction. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-19.	1.3	3
48	Preeclampsia in kidney transplanted women; Outcomes and a simple prognostic risk score system. PLoS ONE, 2017, 12, e0173420.	2.5	30
49	Uptake and release of amino acids in the fetal-placental unit in human pregnancies. PLoS ONE, 2017, 12, e0185760.	2.5	42
50	<i>LOC283731</i> promoter hypermethylation prognosticates survival after radiochemotherapy in IDH1 wild-type glioblastoma patients. International Journal of Cancer, 2016, 139, 424-432.	5.1	18
51	SNPs in transporter and metabolizing genes as predictive markers for oxaliplatin treatment in colorectal cancer patients. International Journal of Cancer, 2016, 138, 2993-3001.	5.1	34
52	<i>Tp53</i>/p53 status in keratoacanthomas. Journal of Cutaneous Pathology, 2016, 43, 571-578.	1.3	7
53	Kruppel-like factor 4 (KLF4) inactivation in chronic lymphocytic leukemia correlates with promoter DNA-methylation and can be reversed by inhibition of NOTCH signaling. Haematologica, 2016, 101, e249-e253.	3.5	26
54	Gene promoter methylation signature predicts survival of head and neck squamous cell carcinoma patients. Epigenetics, 2016, 11, 61-73.	2.7	29

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55	Circulating miRNAs with prognostic value in metastatic breast cancer and for early detection of metastasis. <i>Carcinogenesis</i> , 2016, 37, 461-470.	2.8	122
56	Nonidentical twins: Comparison of frequentist and Bayesian lasso for Cox models. <i>Biometrical Journal</i> , 2015, 57, 959-981.	1.0	4
57	Head-to-Head Comparison and Evaluation of 92 Plasma Protein Biomarkers for Early Detection of Colorectal Cancer in a True Screening Setting. <i>Clinical Cancer Research</i> , 2015, 21, 3318-3326.	7.0	39
58	Major histocompatibility complex class I expression impacts on patient survival and type and density of immune cells in biliary tract cancer. <i>British Journal of Cancer</i> , 2015, 113, 1343-1349.	6.4	54
59	DNA methylation array analyses identified breast cancer-associated HYAL2 methylation in peripheral blood. <i>International Journal of Cancer</i> , 2015, 136, 1845-1855.	5.1	53
60	RASA4 undergoes DNA hypermethylation in resistant juvenile myelomonocytic leukemia. <i>Epigenetics</i> , 2014, 9, 1252-1260.	2.7	34
61	Global alterations of DNA methylation in cholangiocarcinoma target the Wnt signaling pathway. <i>Hepatology</i> , 2014, 59, 544-554.	7.3	97
62	Plasma DNA integrity as a biomarker for primary and metastatic breast cancer and potential marker for early diagnosis. <i>Breast Cancer Research and Treatment</i> , 2014, 146, 163-174.	2.5	142
63	Intratumor DNA Methylation Heterogeneity Reflects Clonal Evolution in Aggressive Prostate Cancer. <i>Cell Reports</i> , 2014, 8, 798-806.	6.4	219
64	Early aberrant DNA methylation events in a mouse model of acute myeloid leukemia. <i>Genome Medicine</i> , 2014, 6, 34.	8.2	34
65	Evolution of DNA Methylation Is Linked to Genetic Aberrations in Chronic Lymphocytic Leukemia. <i>Cancer Discovery</i> , 2014, 4, 348-361.	9.4	135
66	Validation of ZAP-70 methylation and its relative significance in predicting outcome in chronic lymphocytic leukemia. <i>Blood</i> , 2014, 124, 42-48.	1.4	60
67	Decitabine induces very early in vivo DNA methylation changes in blasts from patients with acute myeloid leukemia. <i>Leukemia Research</i> , 2013, 37, 190-196.	0.8	23
68	Epigenetic Upregulation of lncRNAs at 13q14.3 in Leukemia Is Linked to the In Cis Downregulation of a Gene Cluster That Targets NF- κ B. <i>PLoS Genetics</i> , 2013, 9, e1003373.	3.5	134
69	Differential expression and methylation of brain developmental genes define location-specific subsets of pilocytic astrocytoma. <i>Acta Neuropathologica</i> , 2013, 126, 291-301.	7.7	84
70	Circulating microRNAs in plasma as early detection markers for breast cancer. <i>International Journal of Cancer</i> , 2013, 132, 1602-1612.	5.1	227
71	Plasma MicroRNA Panel for Minimally Invasive Detection of Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e76729.	2.5	112
72	Differential DNA Methylation Predicts Response To Combined Treatment Regimens With a DNA Methyltransferase Inhibitor In Acute Myeloid Leukemia (AML). <i>Blood</i> , 2013, 122, 2539-2539.	1.4	35

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73	Monosomal karyotype in adult acute myeloid leukemia: prognostic impact and outcome after different treatment strategies. <i>Blood</i> , 2012, 119, 551-558.	1.4	140
74	Hotspot Mutations in H3F3A and IDH1 Define Distinct Epigenetic and Biological Subgroups of Glioblastoma. <i>Cancer Cell</i> , 2012, 22, 425-437.	16.8	1,551
75	Circulating miRNAs as Surrogate Markers for Circulating Tumor Cells and Prognostic Markers in Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 5972-5982.	7.0	231
76	Extensive Promoter DNA Hypermethylation and Hypomethylation Is Associated with Aberrant MicroRNA Expression in Chronic Lymphocytic Leukemia. <i>Cancer Research</i> , 2012, 72, 3775-3785.	0.9	123
77	Quantitative analyses of <i>DAPK1</i> methylation in AML and MDS. <i>International Journal of Cancer</i> , 2012, 131, E138-42.	5.1	34
78	Quantitative DNA Methylation Analysis Identifies a Single CpG Dinucleotide Important for ZAP-70 Expression and Predictive of Prognosis in Chronic Lymphocytic Leukemia. <i>Journal of Clinical Oncology</i> , 2012, 30, 2483-2491.	1.6	120
79	A Lentiviral CXCR4 Overexpression and Knockdown Model in Colorectal Cancer Cell Lines Reveals Plerixafor-Dependent Suppression of SDF-1 α -Induced Migration and Invasion. <i>Oncology Research and Treatment</i> , 2011, 34, 502-508.	1.2	12
80	Aberrant DNA methylation characterizes juvenile myelomonocytic leukemia with poor outcome. <i>Blood</i> , 2011, 117, 4871-4880.	1.4	94
81	The impact of therapy-related acute myeloid leukemia (AML) on outcome in 2853 adult patients with newly diagnosed AML. <i>Blood</i> , 2011, 117, 2137-2145.	1.4	392
82	Protein expression analysis of chronic lymphocytic leukemia defines the effect of genetic aberrations and uncovers a correlation of CDK4, P27 and P53 with hierarchical risk. <i>Haematologica</i> , 2010, 95, 1880-1888.	3.5	5
83	Assessment and optimisation of normalisation methods for dual-colour antibody microarrays. <i>BMC Bioinformatics</i> , 2010, 11, 556.	2.6	22
84	High-Dimensional Cox Models: The Choice of Penalty as Part of the Model Building Process. <i>Biometrical Journal</i> , 2010, 52, 50-69.	1.0	69
85	Dual-color Proteomic Profiling of Complex Samples with a Microarray of 810 Cancer-related Antibodies. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1271-1280.	3.8	90
86	<i>IDH1</i> and <i>IDH2</i> Mutations Are Frequent Genetic Alterations in Acute Myeloid Leukemia and Confer Adverse Prognosis in Cytogenetically Normal Acute Myeloid Leukemia With <i>NPM1</i> Mutation Without <i>FLT3</i> Internal Tandem Duplication. <i>Journal of Clinical Oncology</i> , 2010, 28, 3636-3643.	1.6	728
87	Impact of <i>IDH1</i> R132 Mutations and an <i>IDH1</i> Single Nucleotide Polymorphism in Cytogenetically Normal Acute Myeloid Leukemia: SNP rs11554137 Is an Adverse Prognostic Factor. <i>Journal of Clinical Oncology</i> , 2010, 28, 2356-2364.	1.6	229
88	WWOX tumour suppressor gene polymorphisms and ovarian cancer pathology and prognosis. <i>European Journal of Cancer</i> , 2010, 46, 818-825.	2.8	28
89	Cold spots in hot spots: transcription start sites of active genes are spared from HIV vector integration. <i>Aids</i> , 2009, 23, 2535-2537.	2.2	1
90	Analysis of the ETS Family Member Genes ERG, ETS2, ETS1 and FLI1 in Acute Myeloid Leukemia (AML) Patients with Normal Cytogenetics: Expression Levels and Impact On Clinical Outcome. A Study of the AMLSG.. <i>Blood</i> , 2009, 114, 1600-1600.	1.4	1

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91	Type and Number of Secondary Molecular Lesions Improve Outcome Prediction in Acute Myeloid Leukemia (AML) with inv(16) or t(16;16): A Study of the German-Austrian AML Study Group (AMLSG).. Blood, 2009, 114, 824-824.	1.4	2
92	Mutations in the Fms-Related Tyrosine Kinase 3 (FLT3) Gene Independently Predict Poor Outcome in Acute Myeloid Leukemia (AML) with t(8;21): A Study of the German-Austrian AML Study Group (AMLSG).. Blood, 2009, 114, 825-825.	1.4	1
93	Systemic Inflammatory Response Predicts Prognosis in Patients with Advanced-Stage Colorectal Cancer. Clinical Colorectal Cancer, 2008, 7, 331-337.	2.3	90
94	Comparing the Characteristics of Gene Expression Profiles Derived by Univariate and Multivariate Classification Methods. Statistical Applications in Genetics and Molecular Biology, 2008, 7, Article7.	0.6	45
95	Thymidylate Synthase and Methylenetetrahydrofolate Reductase Gene Polymorphisms and Toxicity to Capecitabine in Advanced Colorectal Cancer Patients. Clinical Cancer Research, 2008, 14, 817-825.	7.0	90
96	A pilot study on the application of statistical classification procedures to molecular epidemiological data. Toxicology Letters, 2004, 151, 291-299.	0.8	43