Graham Roy Ball

List of Publications by Citations

Source: https://exaly.com/author-pdf/396625/graham-roy-ball-publications-by-citations.pdf
Version: 2024-04-26

74
papers

3,034
citations

29
h-index

54
g-index

81
ext. papers

3,535
ext. citations

5.3
avg, IF

4.53
L-index

#	Paper	IF	Citations
74	High-throughput protein expression analysis using tissue microarray technology of a large well-characterised series identifies biologically distinct classes of breast cancer confirming recent cDNA expression analyses. *International Journal of Cancer*, **2005**, 116, 340-50	7.5	443
73	MicroRNA signatures predict oestrogen receptor, progesterone receptor and HER2/neu receptor status in breast cancer. *Breast Cancer Research*, **2009**, 11, R27	8.3	332
72	Transferrin receptor (CD71) is a marker of poor prognosis in breast cancer and can predict response to tamoxifen. *Breast Cancer Research and Treatment*, **2010**, 119, 283-93	4.4	155
71	NKG2D ligand expression in human colorectal cancer reveals associations with prognosis and evidence for immunoediting. *Clinical Cancer Research*, **2009**, 15, 6993-7002	12.9	122
70	Delayed disease progression after allogeneic cell vaccination in hormone-resistant prostate cancer and correlation with immunologic variables. *Clinical Cancer Research*, **2005**, 11, 4469-78	12.9	111
69	Network inference analysis identifies an APRR2-like gene linked to pigment accumulation in tomato and pepper fruits. *Plant Physiology*, **2013**, 161, 1476-85	6.6	106
68	Serum proteomic fingerprinting discriminates between clinical stages and predicts disease progression in melanoma patients. *Journal of Clinical Oncology*, **2005**, 23, 5088-93	2.2	96
67	A case-controlled study of the oncologic safety of fat grafting. *Plastic and Reconstructive Surgery*, **2015**, 135, 1263-1275	2.7	87
66	Genomic and protein expression analysis reveals flap endonuclease 1 (FEN1) as a key biomarker in breast and ovarian cancer. *Molecular Oncology*, **2014**, 8, 1326-38	7.9	77
65	Forkhead-box A1 (FOXA1) expression in breast cancer and its prognostic significance. *European Journal of Cancer*, **2008**, 44, 1541-51	7.5	74
64	Identification and validation of oncologic miRNA biomarkers for luminal A-like breast cancer. *PLoS ONE*, **2014**, 9, e87032	3.7	73
63	Targeting XRCC1 deficiency in breast cancer for personalized therapy. *Cancer Research*, **2013**, 73, 1621-34	10.1	71
62	The prognostic significance of PELP1 expression in invasive breast cancer with emphasis on the ER-positive luminal-like subtype. *Breast Cancer Research and Treatment*, **2010**, 120, 603-12	4.4	66
61	Untangling the ATR-CHEK1 network for prognostication, prediction and therapeutic target validation in breast cancer. *Molecular Oncology*, **2015**, 9, 569-85	7.9	57
60	Targeting BRCA1-BER deficient breast cancer by ATM or DNA-PKcs blockade either alone or in combination with cisplatin for personalized therapy. *Molecular Oncology*, **2015**, 9, 204-17	7.9	55
59	High throughput identification of clinical isolates of Staphylococcus aureus using MALDI-TOF-MS of intact cells. *Infection, Genetics and Evolution*, **2009**, 9, 507-13	4.5	53
58	Guidelines and considerations for conducting experiments using tissue microarrays. *Histopathology*, **2013**, 62, 827-39	7.3	50

57	Identification of SPARC-like 1 protein as part of a biomarker panel for Alzheimer's disease in cerebrospinal fluid. *Journal of Alzheimer's Disease*, **2012**, 28, 625-36	4.3	49
56	A prototype methodology combining surface-enhanced laser desorption/ionization protein chip technology and artificial neural network algorithms to predict the chemoresponsiveness of breast cancer cell lines exposed to Paclitaxel and Doxorubicin under in vitro conditions. *Proteomics*, **2003**, 3, 1725-37	4.8	47
55	A methodology to identify consensus classes from clustering algorithms applied to immunohistochemical data from breast cancer patients. *Computers in Biology and Medicine*, **2010**, 40, 318-30	7	42
54	Risk factors for the development of invasive cancer in unresected ductal carcinoma in situ. *European Journal of Surgical Oncology*, **2018**, 44, 429-435	3.6	41
53	ATM, ATR and DNA-PKcs expressions correlate to adverse clinical outcomes in epithelial ovarian cancers. *BBA Clinical*, **2014**, 2, 10-7		41
52	Management and 5-year outcomes in 9938 women with screen-detected ductal carcinoma in situ: the UK Sloane Project. *European Journal of Cancer*, **2018**, 101, 210-219	7.5	34
51	Proposal for a modified grading system based on mitotic index and Bcl2 provides objective determination of clinical outcome for patients with breast cancer. *Journal of Pathology*, **2010**, 222, 388-99	9.4	34
50	Tracing the transition of methicillin resistance in sub-populations of Staphylococcus aureus, using SELDI-TOF Mass Spectrometry and Artificial Neural Network Analysis. *Systematic and Applied Microbiology*, **2011**, 34, 81-6	4.2	33
49	RERG (Ras-like, oestrogen-regulated, growth-inhibitor) expression in breast cancer: a marker of ER-positive luminal-like subtype. *Breast Cancer Research and Treatment*, **2011**, 128, 315-26	4.4	33
48	Transcriptomic and Protein Expression Analysis Reveals Clinicopathological Significance of Bloom Syndrome Helicase (BLM) in Breast Cancer. *Molecular Cancer Therapeutics*, **2015**, 14, 1057-65	6.1	32
47	Camptothecin targets WRN protein: mechanism and relevance in clinical breast cancer. *Oncotarget*, **2016**, 7, 13269-84	3.3	31
46	Clinicopathological significance of ATM-Chk2 expression in sporadic breast cancers: a comprehensive analysis in large cohorts. *Neoplasia*, **2014**, 16, 982-91	6.4	30
45	RECQL4 helicase has oncogenic potential in sporadic breast cancers. *Journal of Pathology*, **2016**, 238, 495-501	9.4	29
44	New approaches to identification of bacterial pathogens by surface enhanced laser desorption/ionization time of flight mass spectrometry in concert with artificial neural networks, with special reference to Neisseria gonorrhoeae. *Journal of Medical Microbiology*, **2005**, 54, 1205-1211	3.2	28
43	An Artificial Neural Network Integrated Pipeline for Biomarker Discovery Using Alzheimer's Disease as a Case Study. *Computational and Structural Biotechnology Journal*, **2018**, 16, 77-87	6.8	27
42	DNA polymerase □deficiency is linked to aggressive breast cancer: a comprehensive analysis of gene copy number, mRNA and protein expression in multiple cohorts. *Molecular Oncology*, **2014**, 8, 520-32	7.9	27
41	Diagnostic biomarkers differentiating metastatic melanoma patients from healthy controls identified by an integrated MALDI-TOF mass spectrometry/bioinformatic approach. *Proteomics - Clinical Applications*, **2007**, 1, 605-20	3.1	26
40	KI67 and DLX2 predict increased risk of metastasis formation in prostate cancer-a targeted molecular approach. *British Journal of Cancer*, **2016**, 115, 236-42	8.7	25

39	Clinicopathological and prognostic significance of RECQL5 helicase expression in breast cancers. *Carcinogenesis*, **2016**, 37, 63-71	4.6	25
38	Low expression of G protein-coupled oestrogen receptor 1 (GPER) is associated with adverse survival of breast cancer patients. *Oncotarget*, **2018**, 9, 25946-25956	3.3	25
37	Clinical proteomics: discovery of cancer biomarkers using mass spectrometry and bioinformatics approaches--a prostate cancer perspective. *Vaccine*, **2007**, 25 Suppl 2, B110-21	4.1	23
36	Proteomic Profiling Reveals the Transglutaminase-2 Externalization Pathway in Kidneys after Unilateral Ureteric Obstruction. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 880-905	12.7	22
35	The prognostic significance of STAT3 in invasive breast cancer: analysis of protein and mRNA expressions in large cohorts. *Breast Cancer Research and Treatment*, **2016**, 156, 9-20	4.4	22
34	Single-strand selective monofunctional uracil-DNA glycosylase (SMUG1) deficiency is linked to aggressive breast cancer and predicts response to adjuvant therapy. *Breast Cancer Research and Treatment*, **2013**, 142, 515-27	4.4	22
33	Identification of Enterobacter sakazakii from closely related species: the use of artificial neural networks in the analysis of biochemical and 16S rDNA data. *BMC Microbiology*, **2006**, 6, 28	4.5	21
32	Breast cancer histologic grading using digital microscopy: concordance and outcome association. *Journal of Clinical Pathology*, **2018**, 71, 680-686	3.9	20
31	MTSS1 and SCAMP1 cooperate to prevent invasion in breast cancer. *Cell Death and Disease*, **2018**, 9, 344	9.8	19
30	Current Developments in the Analysis of Proteomic Data: Artificial Neural Network Data Mining Techniques for the Identification of Proteomic Biomarkers Related to Breast Cancer. *Current Proteomics*, **2005**, 2, 15-29	0.7	19
29	Prognostic stratification of oestrogen receptor-positive HER2-negative lymph node-negative class of breast cancer. *Histopathology*, **2017**, 70, 622-631	7.3	18
28	Analysis of Gene Regulatory Networks of Maize in Response to Nitrogen. *Genes*, **2018**, 9,	4.2	18
27	Nottingham Clinico-Pathological Response Index (NPRI) after neoadjuvant chemotherapy (Neo-ACT) accurately predicts clinical outcome in locally advanced breast cancer. *Clinical Cancer Research*, **2015**, 21, 1052-62	12.9	14
26	Correlation between phylogroups and intracellular proteomes of Propionibacterium acnes and differences in the protein expression profiles between anaerobically and aerobically grown cells. *BioMed Research International*, **2013**, 2013, 151797	3	14
25	Adverse surgical outcomes in screen-detected ductal carcinoma in situ of the breast. *European Journal of Cancer*, **2014**, 50, 1880-90	7.5	13
24	Artificial neural networks and player recruitment in professional soccer. *PLoS ONE*, **2018**, 13, e0205818	3.7	13
23	Adverse prognostic and predictive significance of low DNA-dependent protein kinase catalytic subunit (DNA-PKcs) expression in early-stage breast cancers. *Breast Cancer Research and Treatment*, **2014**, 146, 309-20	4.4	10
22	Development of a Bioinformatics Framework for Identification and Validation of Genomic Biomarkers and Key Immunopathology Processes and Controllers in Infectious and Non-infectious Severe Inflammatory Response Syndrome. *Frontiers in Immunology*, **2020**, 11, 380	8.4	8

(2006-2014)

21	Cross-species gene expression analysis of species specific differences in the preclinical assessment of pharmaceutical compounds. *PLoS ONE*, **2014**, 9, e96853	3.7	8
20	Prognostic significance of nucleolar assessment in invasive breast cancer. *Histopathology*, **2020**, 76, 671-684	7.3	7
19	Relationship between preparation of cells for therapy and cell quality using artificial neural network analysis. *Artificial Intelligence in Medicine*, **2014**, 62, 119-27	7.4	6
18	Serum biomarkers which correlate with failure to respond to immunotherapy and tumor progression in a murine colorectal cancer model. *Proteomics - Clinical Applications*, **2010**, 4, 682-96	3.1	6
17	Temporal Expression of Peripheral Blood Leukocyte Biomarkers in a Macaca fascicularis Infection Model of Tuberculosis; Comparison with Human Datasets and Analysis with Parametric/Non-parametric Tools for Improved Diagnostic Biomarker Identification. *PLoS ONE*, **2016**, 11, e0154320	3.7	6
16	New Insights into the Anti-pathogenic Potential of against Based on RNA Sequencing Profiling. *Frontiers in Microbiology*, **2017**, 8, 359	5.7	5
15	A proteomic approach combining MS and bioinformatic analysis for the detection and identification of biomarkers of administration of exogenous human growth hormone in humans. *Proteomics - Clinical Applications*, **2009**, 3, 912-22	3.1	5
14	Comprehending Meningioma Signaling Cascades Using Multipronged Proteomics Approaches & Targeted Validation of Potential Markers. *Frontiers in Oncology*, **2020**, 10, 1600	5.3	5
13	Dopamine and cAMP-regulated phosphoprotein 32 kDa (DARPP-32) and survival in breast cancer: a retrospective analysis of protein and mRNA expression. *Scientific Reports*, **2019**, 9, 16987	4.9	5
12	Discovery and application of immune biomarkers for hematological malignancies. *Expert Review of Molecular Diagnostics*, **2017**, 17, 983-1000	3.8	4
11	Identifying playing talent in professional football using artificial neural networks. *Journal of Sports Sciences*, **2020**, 38, 1211-1220	3.6	3
10	Comprehensive proteomic analysis reveals distinct functional modules associated with skull base and supratentorial meningiomas and perturbations in collagen pathway components. *Journal of Proteomics*, **2021**, 246, 104303	3.9	2
9	Current Approaches to Identify and Evaluate Cancer Biomarkers for Patient Stratification **2012**, 452-463		1
8	Visual assessment of mitotic figures in breast cancer: a comparative study between light microscopy and whole slide images. *Histopathology*, **2021**, 79, 913-925	7.3	1
7	Interactomic Analysis of the Stem Cell Marker NANOG in a Prostate Cancer Setting **2015**, 317-352		
6	Data Mining for Predictive Proteomics **2010**, 409-422		
5	Computational & Statistical Methodologies to Identify Biomarkers in Cancer. *Current Cancer Therapy Reviews*, **2008**, 4, 157-160	0.4	
4	Biomarkers for development of cancer vaccines. *Personalized Medicine*, **2006**, 3, 79-88	2.2	

3	Computational and Statistical Methodologies for Data Mining in Bioinformatics **2010**, 337-350	
2	The Future Role of Biomarkers in Alzheimer’s Disease Diagnostics **2013**, 231-248	
1	Selecting Lung Cancer Patients from UK Primary Care Data: A Longitudinal Study of Feature Trends. *Communications in Computer and Information Science*, **2021**, 43-59	0.3