Vlad C Popovici

List of Publications by Year
in descending order

47	2,938	394421	330143
papers	citations	19	37
		h-index	g-index

48	48	48	5826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. Nature Biotechnology, 2010, 28, 827-838.	17.5	795
2	Distal and proximal colon cancers differ in terms of molecular, pathological, and clinical features. Annals of Oncology, 2014, 25, 1995-2001.	1.2	498
3	Gene expression patterns unveil a new level of molecular heterogeneity in colorectal cancer. Journal of Pathology, 2013, 231, 63-76.	4.5	331
4	The BANCA Database and Evaluation Protocol. Lecture Notes in Computer Science, 2003, , 625-638.	1.3	245
5	Identification of a Poor-Prognosis <i>BRAF</i>-Mutant–Like Population of Patients With Colon Cancer. Journal of Clinical Oncology, 2012, 30, 1288-1295.	1.6	191
6	Effect of training-sample size and classification difficulty on the accuracy of genomic predictors. Breast Cancer Research, 2010, 12, R5.	5.0	169
7	A Comprehensive Characterization of Genome-Wide Copy Number Aberrations in Colorectal Cancer Reveals Novel Oncogenes and Patterns of Alterations. PLoS ONE, 2012, 7, e42001.	2.5	74
8	Selecting control genes for RT-QPCR using public microarray data. BMC Bioinformatics, 2009, 10, 42.	2.6	61
9	A critical comparison of topology-based pathway analysis methods. PLoS ONE, 2018, 13, e0191154.	2.5	60
10	A robust genomic signature for the detection of colorectal cancer patients with microsatellite instability phenotype and high mutation frequency. Journal of Pathology, 2012, 228, 586-595.	4.5	55
11	Expression profiling with RNA from formalin-fixed, paraffin-embedded material. BMC Medical Genomics, 2008, 1, 9.	1.5	52
12	Face detection with boosted Gaussian features. Pattern Recognition, 2007, 40, 2283-2291.	8.1	42
13	Stool sampling and DNA isolation kits affect DNA quality and bacterial composition following 16S rRNA gene sequencing using MiSeq Illumina platform. Scientific Reports, 2019, 9, 13837.	3.3	40
14	Context-dependent interpretation of the prognostic value of BRAF and KRAS mutations in colorectal cancer. BMC Cancer, 2013, 13, 439.	2.6	37
15	Test of Four Colon Cancer Risk-Scores in Formalin Fixed Paraffin Embedded Microarray Gene Expression Data. Journal of the National Cancer Institute, 2014, 106, .	6.3	30
16	Examination of FGFRL1 as a candidate gene for diaphragmatic defects at chromosome 4p16.3 shows that Fgfrl1 null mice have reduced expression of Tpm3, sarcomere genes and Lrtm1 in the diaphragm. Human Genetics, 2010, 127, 325-336.	3.8	28
17	Extraction of Audio Features Specific to Speech Production for Multimodal Speaker Detection. IEEE Transactions on Multimedia, 2008, 10, 63-73.	7.2	27
18	Pattern recognition using higher-order local autocorrelation coefficients. Pattern Recognition Letters, 2004, 25, 1107-1113.	4.2	25

#	Article	IF	Citations
19	Independent Component Analysis and Support Vector Machine for Face Feature Extraction. Lecture Notes in Computer Science, 2003, , 111-118.	1.3	20
20	Joint analysis of histopathology image features and gene expression in breast cancer. BMC Bioinformatics, 2016, 17, 209.	2.6	20
21	Kernel matching pursuit for large datasets. Pattern Recognition, 2005, 38, 2385-2390.	8.1	19
22	Image-based surrogate biomarkers for molecular subtypes of colorectal cancer. Bioinformatics, 2017, 33, 2002-2009.	4.1	18
23	The Unfolded Protein Response: A Novel Therapeutic Target for Poor Prognostic <i>BRAF</i> Mutant Colorectal Cancer. Molecular Cancer Therapeutics, 2018, 17, 1280-1290.	4.1	17
24	Cross-platform Data Analysis Reveals a Generic Gene Expression Signature for Microsatellite Instability in Colorectal Cancer. BioMed Research International, 2019, 2019, 1-9.	1.9	10
25	Molecular risk assessment of BIG 1-98 participants by expression profiling using RNA from archival tissue. BMC Cancer, 2010, 10, 37.	2.6	9
26	On performance evaluation of face detection and localization algorithms. , 2004, , .		8
27	Colorectal Tumour Mucosa Microbiome Is Enriched in Oral Pathogens and Defines Three Subtypes That Correlate with Markers of Tumour Progression. Cancers, 2021, 13, 4799.	3.7	8
28	Rgtsp: a generalized top scoring pairs package for class prediction. Bioinformatics, 2011, 27, 1729-1730.	4.1	7
29	Characterization of molecular scores and gene expression signatures in primary breast cancer, local recurrences and brain metastases. BMC Cancer, 2019, 19, 549.	2.6	7
30	Disentangled Autoencoder for Cross-Stain Feature Extraction in Pathology Image Analysis. Applied Sciences (Switzerland), 2020, 10, 6427.	2.5	7
31	Face Detection Using an SVM Trained in Eigenfaces Space. Lecture Notes in Computer Science, 2003, , 190-198.	1.3	5
32	Mixtures of boosted classifiers for frontal face detection. Signal, Image and Video Processing, 2007, 1, 29-38.	2.7	5
33	Experiments in molecular subtype recognition based on histopathology images. , 2016, , .		4
34	An Explorative Analysis of ABCG2/TOP-1 mRNA Expression as a Biomarker Test for FOLFIRI Treatment in Stage III Colon Cancer Patients: Results from Retrospective Analyses of the PETACC-3 Trial. Cancers, 2020, 12, 977.	3.7	4
35	Mixture of SVMs for Face Class Modeling. Lecture Notes in Computer Science, 2005, , 173-181.	1.3	3
36	Identification of â€œBRAF-Positiveâ€•Cases Based on Whole-Slide Image Analysis. BioMed Research International, 2017, 2017, 1-7.	1.9	2

#	Article	IF	Citations
37	Supervised nonparametric information theoretic classification. , 2004, , .		1
38	433 Identification of the BRAF-like Signature Predictive of Response Towards MEK Inhibition by Pimasertib (MSC1936369B) in Colorectal Cancer Cell Lines. European Journal of Cancer, 2012, 48, 134-135.	2.8	1
39	Face Class Modeling Using Mixture of SVMs. Lecture Notes in Computer Science, 2004, , 709-716.	1.3	1
40	Abstract A8: The EurOPDX consortium: Sharing patient tumor-derived xenografts for collaborative multicentric preclinical trials.. , 2013, , .		1
41	Towards the identification of tissue-based proxy biomarkers. AMIA Summits on Translational Science Proceedings, 2016, 2016, 75-83.	0.4	1
42	0062 Prognostic factors for breast cancer - clinical testing and validation from archival material. Breast, 2009, 18, S33.	2.2	0
43	Gene expression-guided selection of histopathology image features. , 2015, , .		0
44	MErCuRIC1: A phase 1a study of MEK1/2 inhibitor PD-0325901 with cMET inhibitor crizotinib in patients with advanced solid tumours. Annals of Oncology, 2016, 27, vi158.	1.2	0
45	Abstract 4722: A BRAF-mutated gene expression signature identifies BRAF wild type colon cancer patients with poor prognosis. , 2011, , .		0
46	Abstract 1219: Identification of synthetic lethal interactions with the BRAF oncogene in colorectal cancer.. , 2013, , .		0
47	Abstract 1396: Validation of a MEK/MET-specific NGS panel for early phase trial interrogation. , 2016, , .		0