

# Vlad C Popovici

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,938  
citations

394421

19  
h-index

330143

37  
g-index

48  
all docs

48  
docs citations

48  
times ranked

5826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorectal Tumour Mucosa Microbiome Is Enriched in Oral Pathogens and Defines Three Subtypes That Correlate with Markers of Tumour Progression. <i>Cancers</i> , 2021, 13, 4799.	3.7	8
2	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. <i>Cancers</i> , 2020, 12, 977.	3.7	4
3	Disentangled Autoencoder for Cross-Stain Feature Extraction in Pathology Image Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6427.	2.5	7
4	Stool sampling and DNA isolation kits affect DNA quality and bacterial composition following 16S rRNA gene sequencing using MiSeq Illumina platform. <i>Scientific Reports</i> , 2019, 9, 13837.	3.3	40
5	Characterization of molecular scores and gene expression signatures in primary breast cancer, local recurrences and brain metastases. <i>BMC Cancer</i> , 2019, 19, 549.	2.6	7
6	Cross-platform Data Analysis Reveals a Generic Gene Expression Signature for Microsatellite Instability in Colorectal Cancer. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	10
7	The Unfolded Protein Response: A Novel Therapeutic Target for Poor Prognostic <i>BRAF</i> Mutant Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1280-1290.	4.1	17
8	A critical comparison of topology-based pathway analysis methods. <i>PLoS ONE</i> , 2018, 13, e0191154.	2.5	60
9	Image-based surrogate biomarkers for molecular subtypes of colorectal cancer. <i>Bioinformatics</i> , 2017, 33, 2002-2009.	4.1	18
10	Identification of BRAF-Positive Cases Based on Whole-Slide Image Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	2
11	Experiments in molecular subtype recognition based on histopathology images. , 2016, , .		4
12	MERCuRIC1: A phase 1a study of MEK1/2 inhibitor PD-0325901 with cMET inhibitor crizotinib in patients with advanced solid tumours. <i>Annals of Oncology</i> , 2016, 27, vi158.	1.2	0
13	Joint analysis of histopathology image features and gene expression in breast cancer. <i>BMC Bioinformatics</i> , 2016, 17, 209.	2.6	20
14	Abstract 1396: Validation of a MEK/MET-specific NGS panel for early phase trial interrogation. , 2016, , .		0
15	Towards the identification of tissue-based proxy biomarkers. <i>AMIA Summits on Translational Science Proceedings</i> , 2016, 2016, 75-83.	0.4	1
16	Gene expression-guided selection of histopathology image features. , 2015, , .		0
17	Test of Four Colon Cancer Risk-Scores in Formalin Fixed Paraffin Embedded Microarray Gene Expression Data. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	30
18	Distal and proximal colon cancers differ in terms of molecular, pathological, and clinical features. <i>Annals of Oncology</i> , 2014, 25, 1995-2001.	1.2	498

#	ARTICLE	IF	CITATIONS
19	Context-dependent interpretation of the prognostic value of BRAF and KRAS mutations in colorectal cancer. <i>BMC Cancer</i> , 2013, 13, 439.	2.6	37
20	Gene expression patterns unveil a new level of molecular heterogeneity in colorectal cancer. <i>Journal of Pathology</i> , 2013, 231, 63-76.	4.5	331
21	Abstract A8: The EurOPDX consortium: Sharing patient tumor-derived xenografts for collaborative multicentric preclinical trials.. , 2013, , .		1
22	Abstract 1219: Identification of synthetic lethal interactions with the BRAF oncogene in colorectal cancer.. , 2013, , .		0
23	Identification of a Poor-Prognosis BRAF-Mutant-Like Population of Patients With Colon Cancer. <i>Journal of Clinical Oncology</i> , 2012, 30, 1288-1295.	1.6	191
24	A robust genomic signature for the detection of colorectal cancer patients with microsatellite instability phenotype and high mutation frequency. <i>Journal of Pathology</i> , 2012, 228, 586-595.	4.5	55
25	433 Identification of the BRAF-like Signature Predictive of Response Towards MEK Inhibition by Pimasertib (MSC1936369B) in Colorectal Cancer Cell Lines. <i>European Journal of Cancer</i> , 2012, 48, 134-135.	2.8	1
26	A Comprehensive Characterization of Genome-Wide Copy Number Aberrations in Colorectal Cancer Reveals Novel Oncogenes and Patterns of Alterations. <i>PLoS ONE</i> , 2012, 7, e42001.	2.5	74
27	Rgtsp: a generalized top scoring pairs package for class prediction. <i>Bioinformatics</i> , 2011, 27, 1729-1730.	4.1	7
28	Abstract 4722: A BRAF-mutated gene expression signature identifies BRAF wild type colon cancer patients with poor prognosis. , 2011, , .		0
29	Examination of FGFRL1 as a candidate gene for diaphragmatic defects at chromosome 4p16.3 shows that Fgfr1 null mice have reduced expression of Tpm3, sarcomere genes and Lrtm1 in the diaphragm. <i>Human Genetics</i> , 2010, 127, 325-336.	3.8	28
30	Molecular risk assessment of BIG 1-98 participants by expression profiling using RNA from archival tissue. <i>BMC Cancer</i> , 2010, 10, 37.	2.6	9
31	The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. <i>Nature Biotechnology</i> , 2010, 28, 827-838.	17.5	795
32	Effect of training-sample size and classification difficulty on the accuracy of genomic predictors. <i>Breast Cancer Research</i> , 2010, 12, R5.	5.0	169
33	Selecting control genes for RT-QPCR using public microarray data. <i>BMC Bioinformatics</i> , 2009, 10, 42.	2.6	61
34	0062 Prognostic factors for breast cancer - clinical testing and validation from archival material. <i>Breast</i> , 2009, 18, S33.	2.2	0
35	Expression profiling with RNA from formalin-fixed, paraffin-embedded material. <i>BMC Medical Genomics</i> , 2008, 1, 9.	1.5	52
36	Extraction of Audio Features Specific to Speech Production for Multimodal Speaker Detection. <i>IEEE Transactions on Multimedia</i> , 2008, 10, 63-73.	7.2	27

#	ARTICLE	IF	CITATIONS
37	Face detection with boosted Gaussian features. Pattern Recognition, 2007, 40, 2283-2291.	8.1	42
38	Mixtures of boosted classifiers for frontal face detection. Signal, Image and Video Processing, 2007, 1, 29-38.	2.7	5
39	Kernel matching pursuit for large datasets. Pattern Recognition, 2005, 38, 2385-2390.	8.1	19
40	Mixture of SVMs for Face Class Modeling. Lecture Notes in Computer Science, 2005, , 173-181.	1.3	3
41	Supervised nonparametric information theoretic classification. , 2004, , .		1
42	On performance evaluation of face detection and localization algorithms. , 2004, , .		8
43	Pattern recognition using higher-order local autocorrelation coefficients. Pattern Recognition Letters, 2004, 25, 1107-1113.	4.2	25
44	Face Class Modeling Using Mixture of SVMs. Lecture Notes in Computer Science, 2004, , 709-716.	1.3	1
45	Independent Component Analysis and Support Vector Machine for Face Feature Extraction. Lecture Notes in Computer Science, 2003, , 111-118.	1.3	20
46	Face Detection Using an SVM Trained in Eigenfaces Space. Lecture Notes in Computer Science, 2003, , 190-198.	1.3	5
47	The BANCA Database and Evaluation Protocol. Lecture Notes in Computer Science, 2003, , 625-638.	1.3	245