

Philip D Dunne

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

2,550
citations

22
h-index

50
g-index

67
ext. papers

4,163
ext. citations

8.3
avg, IF

4.68
L-index

#	Paper	IF	Citations
56	QuPath: Open source software for digital pathology image analysis. <i>Scientific Reports</i> , 2017 , 7, 16878	4.9	1369
55	Challenging the Cancer Molecular Stratification Dogma: Intratumoral Heterogeneity Undermines Consensus Molecular Subtypes and Potential Diagnostic Value in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 4095-104	12.9	88
54	AXL is a key regulator of inherent and chemotherapy-induced invasion and predicts a poor clinical outcome in early-stage colon cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 164-75	12.9	83
53	ADAM17-dependent c-MET-STAT3 signaling mediates resistance to MEK inhibitors in KRAS mutant colorectal cancer. <i>Cell Reports</i> , 2014 , 7, 1940-55	10.6	74
52	EphA2 Expression Is a Key Driver of Migration and Invasion and a Poor Prognostic Marker in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 230-242	12.9	73
51	Fibroblast growth factor receptor 4 (FGFR4): a targetable regulator of drug resistance in colorectal cancer. <i>Cell Death and Disease</i> , 2014 , 5, e1046	9.8	68
50	DNMT1 deficiency triggers mismatch repair defects in human cells through depletion of repair protein levels in a process involving the DNA damage response. <i>Human Molecular Genetics</i> , 2011 , 20, 3241-55	5.6	50
49	Image-based consensus molecular subtype (imCMS) classification of colorectal cancer using deep learning. <i>Gut</i> , 2021 , 70, 544-554	19.2	47
48	Cancer-cell intrinsic gene expression signatures overcome intratumoural heterogeneity bias in colorectal cancer patient classification. <i>Nature Communications</i> , 2017 , 8, 15657	17.4	45
47	Gremlin1 plays a key role in kidney development and renal fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F1141-F1157	4.3	40
46	Prospective patient stratification into robust cancer-cell intrinsic subtypes from colorectal cancer biopsies. <i>Journal of Pathology</i> , 2018 , 245, 19-28	9.4	37
45	Stromal Cell PD-L1 Inhibits CD8 T-cell Antitumor Immune Responses and Promotes Colon Cancer. <i>Cancer Immunology Research</i> , 2018 , 6, 1426-1441	12.5	37
44	Back to the future: routine morphological assessment of the tumour microenvironment is prognostic in stage II/III colon cancer in a large population-based study. <i>Histopathology</i> , 2017 , 71, 12-26	7.3	36
43	Transcriptional upregulation of c-MET is associated with invasion and tumor budding in colorectal cancer. <i>Oncotarget</i> , 2016 , 7, 78932-78945	3.3	31
42	Immune-Derived PD-L1 Gene Expression Defines a Subgroup of Stage II/III Colorectal Cancer Patients with Favorable Prognosis Who May Be Harmed by Adjuvant Chemotherapy. <i>Cancer Immunology Research</i> , 2016 , 4, 582-91	12.5	31
41	Transcriptional subtyping and CD8 immunohistochemistry identifies poor prognosis stage II/III colorectal cancer patients who benefit from adjuvant chemotherapy. <i>JCO Precision Oncology</i> , 2018 , 2018,	3.6	31
40	The amino acid transporter SLC7A5 is required for efficient growth of KRAS-mutant colorectal cancer. <i>Nature Genetics</i> , 2021 , 53, 16-26	36.3	31

39	Exploiting differential Wnt target gene expression to generate a molecular biomarker for colorectal cancer stratification. <i>Gut</i> , 2020 , 69, 1092-1103	19.2	28
38	Molecular profiling of signet ring cell colorectal cancer provides a strong rationale for genomic targeted and immune checkpoint inhibitor therapies. <i>British Journal of Cancer</i> , 2017 , 117, 203-209	8.7	27
37	Validation of the systematic scoring of immunohistochemically stained tumour tissue microarrays using QuPath digital image analysis. <i>Histopathology</i> , 2018 , 73, 327-338	7.3	27
36	Signalling mechanisms underlying doxorubicin and Nox2 NADPH oxidase-induced cardiomyopathy: involvement of mitofusin-2. <i>British Journal of Pharmacology</i> , 2017 , 174, 3677-3695	8.6	25
35	Emergence of MET hyper-amplification at progression to MET and BRAF inhibition in colorectal cancer. <i>British Journal of Cancer</i> , 2017 , 117, 347-352	8.7	22
34	QUADrATiC: scalable gene expression connectivity mapping for repurposing FDA-approved therapeutics. <i>BMC Bioinformatics</i> , 2016 , 17, 198	3.6	21
33	cudaMap: a GPU accelerated program for gene expression connectivity mapping. <i>BMC Bioinformatics</i> , 2013 , 14, 305	3.6	21
32	The Intricate Interplay between Epigenetic Events, Alternative Splicing and Noncoding RNA Deregulation in Colorectal Cancer. <i>Cells</i> , 2019 , 8,	7.9	17
31	Natural killer-like signature observed post therapy in locally advanced rectal cancer is a determinant of pathological response and improved survival. <i>Modern Pathology</i> , 2017 , 30, 1287-1298	9.8	14
30	Epithelial-to-mesenchymal transition signature assessment in colorectal cancer quantifies tumour stromal content rather than true transition. <i>Journal of Pathology</i> , 2018 , 246, 422-426	9.4	14
29	Connectivity mapping using a combined gene signature from multiple colorectal cancer datasets identified candidate drugs including existing chemotherapies. <i>BMC Systems Biology</i> , 2015 , 9 Suppl 5, S4	3.5	14
28	The prognostic value of the stem-like group in colorectal cancer using a panel of immunohistochemistry markers. <i>Oncotarget</i> , 2015 , 6, 12763-73	3.3	14
27	PICan: An integromics framework for dynamic cancer biomarker discovery. <i>Molecular Oncology</i> , 2015 , 9, 1234-40	7.9	13
26	Connectivity Mapping for Candidate Therapeutics Identification Using Next Generation Sequencing RNA-Seq Data. <i>PLoS ONE</i> , 2013 , 8, e66902	3.7	13
25	Standardising RNA profiling based biomarker application in cancer-The need for robust control of technical variables. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 258-272	11.2	12
24	Stratified analysis reveals chemokine-like factor (CKLF) as a potential prognostic marker in the MSI-immune consensus molecular subtype CMS1 of colorectal cancer. <i>Oncotarget</i> , 2016 , 7, 36632-36644 ³⁻³	3.3	10
23	The pseudo-caspase FLIP(L) regulates cell fate following p53 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17808-17819	11.5	10
22	Defining the molecular evolution of extrauterine high grade serous carcinoma. <i>Gynecologic Oncology</i> , 2019 , 155, 305-317	4.9	8

21	QuPath: Open source software for digital pathology image analysis		8
20	Pharmacogenomic profiling and pathway analyses identify MAPK-dependent migration as an acute response to SN38 in p53 null and p53-mutant colorectal cancer cells. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 1724-34	6.1	7
19	KRAS mutant colorectal cancer gene signatures identified angiotensin II receptor blockers as potential therapies. <i>Oncotarget</i> , 2017 , 8, 3206-3225	3.3	7
18	Embracing an integromic approach to tissue biomarker research in cancer: Perspectives and lessons learned. <i>Briefings in Bioinformatics</i> , 2017 , 18, 634-646	13.4	6
17	Fibroblast-derived Gremlin1 localises to epithelial cells at the base of the intestinal crypt. <i>Oncotarget</i> , 2019 , 10, 4630-4639	3.3	6
16	as a poor prognostic biomarker and predictor of response to adjuvant chemotherapy specifically in -mutant stage II and III colon cancer. <i>Oncotarget</i> , 2018 , 9, 13834-13847	3.3	4
15	Punctate MLH1 mismatch repair immunostaining in colorectal cancer. <i>Histopathology</i> , 2019 , 74, 795-797	7.3	4
14	Clinical Positioning of the IAP Antagonist Tolinapant (ASTX660) in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 1627-1639	6.1	4
13	Downregulation of PPAR α during Experimental Left Ventricular Hypertrophy Is Critically Dependent on Nox2 NADPH Oxidase Signalling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
12	IHC-based subcellular quantification provides new insights into prognostic relevance of FLIP and procaspase-8 in non-small-cell lung cancer. <i>Cell Death Discovery</i> , 2017 , 3, 17050	6.9	3
11	Impact of Variable RNA-Sequencing Depth on Gene Expression Signatures and Target Compound Robustness: Case Study Examining Brain Tumor (Glioma) Disease Progression. <i>JCO Precision Oncology</i> , 2018 , 2,	3.6	3
10	Intratumoural Epigenetic Heterogeneity in Early Invasive Colorectal Cancer: A Prognostic Imprint?. <i>Gastroenterology</i> , 2017 , 152, 1622-1623	13.3	2
9	ACE: A Workbench Using Evolutionary Genetic Algorithms for Analyzing Association in TCGA. <i>Cancer Research</i> , 2019 , 79, 2072-2075	10.1	2
8	FLINO-A new method for immunofluorescence bioimage normalization. <i>Bioinformatics</i> , 2021 ,	7.2	2
7	Development of a semi-automated method for tumour budding assessment in colorectal cancer and comparison with manual methods. <i>Histopathology</i> , 2021 ,	7.3	2
6	Response to Park et al. reply to Back to the future: routine morphological assessment of the tumour microenvironment is prognostic in stage II/III colon cancer in a large population-based study. <i>Histopathology</i> , 2017 , 71, 327-329	7.3	1
5	Bcl-xL as a poor prognostic biomarker and predictor of response to adjuvant chemotherapy specifically in BRAF-mutant stage II and III colon cancer		1
4	Stromal cell sialylation suppresses T cells in inflammatory tumour microenvironments: A new tumour stromal cell immune checkpoint?		1

3	In-depth Clinical and Biological Exploration of DNA Damage Immune Response as a Biomarker for Oxaliplatin Use in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 288-300	12.9	1
2	Comment on "Identification of EMT-related high-risk stage II colorectal cancer and characterisation of metastasis-related genes". <i>British Journal of Cancer</i> , 2021 , 124, 1175-1176	8.7	1
1	Prognosis following surgical resection versus local excision of stage pT1 colorectal cancer: A population-based cohort study. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2020 , 18, 65-74	2.5	0