

# Matthew P Humphries

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

4,604  
citations

516710

16  
h-index

289244

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

8143  
citing authors

#	ARTICLE	IF	CITATIONS
1	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
2	Metastasis and Immune Evasion from Extracellular cGAMP Hydrolysis. <i>Cancer Discovery</i> , 2021, 11, 1212-1227.	9.4	139
3	A robust multiplex immunofluorescence and digital pathology workflow for the characterisation of the tumour immune microenvironment. <i>Molecular Oncology</i> , 2020, 14, 2384-2402.	4.6	71
4	Identifying mismatch repair-deficient colon cancer: near-perfect concordance between immunohistochemistry and microsatellite instability testing in a large, population-based series. <i>Histopathology</i> , 2021, 78, 401-413.	2.9	55
5	Characterisation of male breast cancer: a descriptive biomarker study from a large patient series. <i>Scientific Reports</i> , 2017, 7, 45293.	3.3	50
6	QuPath: The global impact of an open source digital pathology system. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 852-859.	4.1	49
7	Immune status is prognostic for poor survival in colorectal cancer patients and is associated with tumour hypoxia. <i>British Journal of Cancer</i> , 2020, 123, 1280-1288.	6.4	45
8	Automated Tumour Recognition and Digital Pathology Scoring Unravels New Role for PD-L1 in Predicting Good Outcome in ER-/HER2+ Breast Cancer. <i>Journal of Oncology</i> , 2018, 2018, 1-14.	1.3	44
9	Critical Appraisal of Programmed Death Ligand 1 Reflex Diagnostic Testing: Current Standards and Future Opportunities. <i>Journal of Thoracic Oncology</i> , 2019, 14, 45-53.	1.1	42
10	Improving the Diagnostic Accuracy of the PD-L1 Test with Image Analysis and Multiplex Hybridization. <i>Cancers</i> , 2020, 12, 1114.	3.7	34
11	Obesity and male breast cancer: provocative parallels?. <i>BMC Medicine</i> , 2015, 13, 134.	5.5	26
12	Triazoloacridin-6-ones as novel inhibitors of the quinone oxidoreductases NQO1 and NQO2. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 696-706.	3.0	21
13	The clinical and molecular significance associated with STING signaling in breast cancer. <i>Npj Breast Cancer</i> , 2021, 7, 81.	5.2	21
14	The adaptive immune and immune checkpoint landscape of neoadjuvant treated esophageal adenocarcinoma using digital pathology quantitation. <i>BMC Cancer</i> , 2020, 20, 500.	2.6	20
15	Deregulation of IGF-binding proteins -2 and -5 contributes to the development of endocrine resistant breast cancer <i>in vitro</i> . <i>Oncotarget</i> , 2016, 7, 32129-32143.	1.8	19
16	Imidazoacridin-6-ones as novel inhibitors of the quinone oxidoreductase NQO2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2832-2836.	2.2	18
17	A Means of Assessing Deep Learning-Based Detection of ICOS Protein Expression in Colon Cancer. <i>Cancers</i> , 2021, 13, 3825.	3.7	17
18	A Case-Matched Gender Comparison Transcriptomic Screen Identifies eIF4E and eIF5 as Potential Prognostic Markers in Male Breast Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 2575-2583.	7.0	16

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19	Comparison of different anti- $\text{Ki67}$ antibody clones and hot-spot sizes for assessing proliferative index and grading in pancreatic neuroendocrine tumours using manual and image analysis. <i>Histopathology</i> , 2020, 77, 646-658.	2.9	16
20	Novel Inhibitors of NRH:Quinone Oxidoreductase 2 (NQO2): Crystal Structures, Biochemical Activity, and Intracellular Effects of Imidazoacridin-6-ones. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6597-6611.	6.4	14
21	Analysis of the ATR-Chk1 and ATM-Chk2 pathways in male breast cancer revealed the prognostic significance of ATR expression. <i>Scientific Reports</i> , 2017, 7, 8078.	3.3	14
22	Activation of a cGAS-STING-mediated immune response predicts response to neoadjuvant chemotherapy in early breast cancer. <i>British Journal of Cancer</i> , 2022, 126, 247-258.	6.4	14
23	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.	7.0	13
24	Oestrogen receptor $\text{ER}^2$ regulates osteogenic differentiation of human dental pulp cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 296-302.	2.5	12
25	Stanniocalcin 2 expression is associated with a favourable outcome in male breast cancer. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 241-249.	3.0	12
26	FGFR1 Expression and Role in Migration in Low and High Grade Pediatric Gliomas. <i>Frontiers in Oncology</i> , 2019, 9, 103.	2.8	12
27	PD-L1 Multiplex and Quantitative Image Analysis for Molecular Diagnostics. <i>Cancers</i> , 2021, 13, 29.	3.7	11
28	Evolutionary genetic algorithm identifies <i>IL2RB</i> as a potential predictive biomarker for immune-checkpoint therapy in colorectal cancer. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab016.	3.2	10
29	In silico identification and biochemical evaluation of novel inhibitors of NRH:quinone oxidoreductase 2 (NQO2). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7331-7336.	2.2	9
30	Association between AXL, Hippo Transducers, and Survival Outcomes in Male Breast Cancer. <i>Journal of Cellular Physiology</i> , 2017, 232, 2246-2252.	4.1	9
31	Colonic epithelial cathelicidin ( $\text{LL-37}$ ) expression intensity is associated with progression of colorectal cancer and presence of $\text{CD8}^+$ T cell infiltrate. <i>Journal of Pathology: Clinical Research</i> , 2021, 7, 495-506.	3.0	8
32	Glucocorticoid Receptor Expression Predicts Good Outcome in response to Taxane-Free, Anthracycline-Based Therapy in Triple Negative Breast Cancer. <i>Journal of Oncology</i> , 2020, 2020, 1-10.	1.3	7
33	Bridging the gap with the UK Genomics Pathology Imaging Collection. <i>Nature Medicine</i> , 2022, 28, 1107-1108.	30.7	7
34	HMG-CoAR expression in male breast cancer: relationship with hormone receptors, Hippo transducers and survival outcomes. <i>Scientific Reports</i> , 2016, 6, 35121.	3.3	6
35	Characterising the adipose-inflammatory microenvironment in male breast cancer. <i>Endocrine-Related Cancer</i> , 2018, 25, 773-781.	3.1	6
36	The Potential of Digital Image Analysis to Determine Tumor Cell Content in Biobanked Formalin-Fixed, Paraffin-Embedded Tissue Samples. <i>Biopreservation and Biobanking</i> , 2021, 19, 324-331.	1.0	5

#	ARTICLE	IF	CITATIONS
37	HistoClean: Open-source software for histological image pre-processing and augmentation to improve development of robust convolutional neural networks. Computational and Structural Biotechnology Journal, 2021, 19, 4840-4853.	4.1	5
38	Orthogonal <i>MET</i> analysis in a populationâ€‘representative stage IIâ€‘III colon cancer cohort: prognostic and potential therapeutic implications. Molecular Oncology, 2021, 15, 3317-3328.	4.6	3
39	Identification of a prognostic signature in colorectal cancer using combinatorial algorithmâ€‘driven analysis. Journal of Pathology: Clinical Research, 2022, , .	3.0	1