Perry Maxwell

List of Publications by Citations

36 papers	944 citations	17 h-index	30 g-index
40 ext. papers	1,158 ext. citations	5.6 avg, IF	4.34 L-index

#	Paper	IF	Citations
36	Digital pathology and image analysis in tissue biomarker research. *Methods*, **2014**, 70, 59-73	4.6	120
35	Targeting c-MET in gastrointestinal tumours: rationale, opportunities and challenges. *Nature Reviews Clinical Oncology*, **2017**, 14, 562-576	19.4	102
34	Myocardial infarction in the C57BL/6J mouse: a quantifiable and highly reproducible experimental model. *Cardiovascular Pathology*, **2004**, 13, 91-7	3.8	84
33	Artificial intelligence-the third revolution in pathology. *Histopathology*, **2019**, 74, 372-376	7.3	61
32	RAS testing of colorectal carcinoma▯ guidance document from the Association of Clinical Pathologists Molecular Pathology and Diagnostics Group. *Journal of Clinical Pathology*, **2014**, 67, 751-7	3.9	60
31	Clinical and testing protocols for the analysis of epidermal growth factor receptor mutations in East Asian patients with non-small cell lung cancer: a combined clinical-molecular pathological approach. *Journal of Thoracic Oncology*, **2011**, 6, 1663-9	8.9	35
30	ALK Immunohistochemistry in NSCLC: Discordant Staining Can Impact Patient Treatment Regimen. *Journal of Thoracic Oncology*, **2016**, 11, 2241-2247	8.9	32
29	Tissue-based next generation sequencing: application in a universal healthcare system. *British Journal of Cancer*, **2017**, 116, 553-560	8.7	31
28	Multiplex RT-PCR for the detection of leukemia-associated translocations: validation and application to routine molecular diagnostic practice. *Journal of Molecular Diagnostics*, **2003**, 5, 231-6	5.1	31
27	Comprehensive molecular pathology analysis of small bowel adenocarcinoma reveals novel targets with potential for clinical utility. *Oncotarget*, **2015**, 6, 20863-74	3.3	31
26	Automated tumor analysis for molecular profiling in lung cancer. *Oncotarget*, **2015**, 6, 27938-52	3.3	30
25	Immunohistochemistry in the era of personalised medicine. *Journal of Clinical Pathology*, **2013**, 66, 58-61	3.9	30
24	Immunohistochemistry should undergo robust validation equivalent to that of molecular diagnostics. *Journal of Clinical Pathology*, **2015**, 68, 766-70	3.9	28
23	Digital pathology and artificial intelligence will be key to supporting clinical and academic cellular pathology through COVID-19 and future crises: the PathLAKE consortium perspective. *Journal of Clinical Pathology*, **2021**, 74, 443-447	3.9	28
22	Molecular profiling of signet ring cell colorectal cancer provides a strong rationale for genomic targeted and immune checkpoint inhibitor therapies. *British Journal of Cancer*, **2017**, 117, 203-209	8.7	27
21	Carcinoembryonic antigen (CEA) in benign and malignant epithelium of the gall bladder, extrahepatic bile ducts, and ampulla of Vater. *Journal of Pathology*, **1993**, 170, 73-6	9.4	24
20	Microsatellite instability in colorectal cancer: considerations for molecular diagnosis and high-throughput screening of archival tissues. *Clinical Chemistry*, **2004**, 50, 1082-6	5.5	18

19	Erythropoietin drives breast cancer progression by activation of its receptor EPOR. *Oncotarget*, **2017**, 8, 38251-38263	3.3	16
18	Time for change: a new training programme for morpho-molecular pathologists?. *Journal of Clinical Pathology*, **2018**, 71, 285-290	3.9	16
17	A case for integrated morphomolecular diagnostic pathologists. *Clinical Chemistry*, **2007**, 53, 1188-90	5.5	15
16	Identifying mismatch repair-deficient colon cancer: near-perfect concordance between immunohistochemistry and microsatellite instability testing in a large, population-based series. *Histopathology*, **2021**, 78, 401-413	7.3	14
15	Gastrointestinal tissue-based molecular biomarkers: a practical categorisation based on the 2019 World Health Organization classification of epithelial digestive tumours. *Histopathology*, **2020**, 77, 340-350	7.3	13
14	Novel antibodies directed against the human erythropoietin receptor: creating a basis for clinical implementation. *British Journal of Haematology*, **2015**, 168, 429-42	4.5	13
13	Molecular pathology in contemporary diagnostic pathology laboratory: an opinion for the active role of surgical pathologists. *American Journal of Surgical Pathology*, **2010**, 34, 115-7	6.7	12
12	Diagnosis of digestive system tumours. *International Journal of Cancer*, **2021**, 148, 1040-1050	7.5	10
11	p16 as a prognostic indicator in ovarian/tubal high-grade serous carcinoma. *Histopathology*, **2016**, 68, 615-8	7.3	7
10	A Means of Assessing Deep Learning-Based Detection of ICOS Protein Expression in Colon Cancer. *Cancers*, **2021**, 13,	6.6	7
9	Molecular classification of non-invasive breast lesions for personalised therapy and chemoprevention. *Oncotarget*, **2015**, 6, 43244-54	3.3	6
8	Low-contact and high-interconnectivity pathology (LC&HI Path): post-COVID19-pandemic practice of pathology. *Histopathology*, **2020**, 77, 518-524	7.3	5
7	Integrated molecular pathology: the Belfast model. *Drug Discovery Today*, **2015**, 20, 1451-4	8.8	5
6	Dinucleotide microsatellite repeats are essential for the diagnosis of microsatellite instability in colorectal cancer in Asian patients. *World Journal of Gastroenterology*, **2005**, 11, 2781-3	5.6	5
5	Targeted therapeutics-oriented tumor classification: a paradigm shift. *Personalized Medicine*, **2009**, 6, 465-468	2.2	3
4	Systematic evaluation of PAXgene™ tissue fixation for the histopathological and molecular study of lung cancer. *Journal of Pathology: Clinical Research*, **2020**, 6, 40-54	5.3	3
3	Practical guide for the comparison of two next-generation sequencing systems for solid tumour analysis in a universal healthcare system. *Journal of Clinical Pathology*, **2019**, 72, 225-231	3.9	3
2	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	6.8	1

[1] General Roadmap and Core Steps for the Development of AI Tools in Digital Pathology. *Diagnostics*, **2022**, 12, 1272

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