Richard Colling

List of Publications by Year
in descending order

35 papers	**724** citations	706676 **14** h-index	651938 **25** g-index
38 all docs	**38** docs citations	**38** times ranked	**1072** citing authors

#	Article	IF	Citations
1	Understanding the ethical and legal considerations of Digital Pathology. Journal of Pathology: Clinical Research, 2022, 8, 101-115.	1.3	7
2	Automated quality assessment of large digitised histology cohorts by artificial intelligence. Scientific Reports, 2022, 12, 5002.	1.6	19
3	The Use of Digital Pathology and Artificial Intelligence in Histopathological Diagnostic Assessment of Prostate Cancer: A Survey of Prostate Cancer UK Supporters. Diagnostics, 2022, 12, 1225.	1.3	3
4	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.	1.0	49
5	Role of digital pathology in diagnostic histopathology in the response to COVID-19: results from a survey of experience in a UK tertiary referral hospital. Journal of Clinical Pathology, 2021, 74, 129-132.	1.0	34
6	The Potential of Artificial Intelligence to Detect Lymphovascular Invasion in Testicular Cancer. Cancers, 2021, 13, 1325.	1.7	17
7	WHO/ISUP grading of clear cell renal cell carcinoma and papillary renal cell carcinoma; validation of grading on the digital pathology platform and perspectives on reproducibility of grade. Diagnostic Pathology, 2021, 16, 75.	0.9	7
8	Validation of grading of non-invasive urothelial carcinoma by digital pathology for routine diagnosis. BMC Cancer, 2021, 21, 995.	1.1	4
9	Morphological Features Extracted by AI Associated with Spatial Transcriptomics in Prostate Cancer. Cancers, 2021, 13, 4837.	1.7	15
10	Digital Pathology Transformation in a Supraregional Germ Cell Tumour Network. Diagnostics, 2021, 11, 2191.	1.3	8
11	Tumour seeding of the renal tumour biopsy tract â€" a histologically underâ€recognised feature?. Histopathology, 2020, 76, 763-766.	1.6	2
12	Artificial intelligence in pathology: an overview. Diagnostic Histopathology, 2020, 26, 513-520.	0.2	21
13	sFRP2 Supersedes VEGF as an Age-related Driver of Angiogenesis in Melanoma, Affecting Response to Anti-VEGF Therapy in Older Patients. Clinical Cancer Research, 2020, 26, 5709-5719.	3.2	17
14	An overview of COVID-19 for diagnostic pathologists: clinicopathological correlation and diagnostic techniques. Diagnostic Histopathology, 2020, 26, 529-536.	0.2	4
15	Implementation of digital pathology into diagnostic practice: perceptions and opinions of histopathology trainees and implications for training. Journal of Clinical Pathology, 2020, 73, 223-227.	1.0	14
16	CM-Path Molecular Diagnostics Forumâ€"consensus statement on the development and implementation of molecular diagnostic tests in the United Kingdom. British Journal of Cancer, 2019, 121, 738-743.	2.9	2
17	Artificial intelligence in digital pathology: a roadmap to routine use in clinical practice. Journal of Pathology, 2019, 249, 143-150.	2.1	165
18	Comparison of methodologies for the detection of *BRAF* mutations in bone marrow trephine specimens. Journal of Clinical Pathology, 2019, 72, 406-411.	1.0	4

#	Article	IF	Citations
19	Fully automated real-time PCR for EGFR testing in non-small cell lung carcinoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 474, 187-192.	1.4	23
20	Deep learning for detecting tumour-infiltrating lymphocytes in testicular germ cell tumours. Journal of Clinical Pathology, 2019, 72, 157-164.	1.0	53
21	Clinically actionable mutation profiles in patients with cancer identified by whole-genome sequencing. Journal of Physical Education and Sports Management, 2018, 4, a002279.	0.5	21
22	Intraoperative identification and analysis of lymph nodes at laparoscopic colorectal cancer surgery using fluorescence imaging combined with rapid OSNA pathological assessment. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1073-1076.	1.3	19
23	OSNA testing for lymph node staging in colorectal cancer. Journal of Clinical Pathology, 2017, 70, 638-639.	1.0	6
24	Mucinâ€rich variant of traditional serrated adenoma: a distinct morphological variant. Histopathology, 2017, 71, 208-216.	1.6	11
25	Validating a fully automated real-time PCR-based system for use in the molecular diagnostic analysis of colorectal carcinoma: a comparison with NGS and IHC. Journal of Clinical Pathology, 2017, 70, 610-614.	1.0	29
26	Multi-Center Evaluation of the Fully Automated PCR-Based Idyllaâ„¢ KRAS Mutation Assay for Rapid KRAS Mutation Status Determination on Formalin-Fixed Paraffin-Embedded Tissue of Human Colorectal Cancer. PLoS ONE, 2016, 11, e0163444.	1.1	35
27	Bile duct basement membrane thickening in primary sclerosing cholangitis. Histopathology, 2016, 68, 819-824.	1.6	9
28	Transformation of CLL to ALCL: the role of clonality studies in diagnostic molecular haematopathology. Journal of Hematopathology, 2016, 9, 143-147.	0.2	5
29	Automated PCR detection of <i>BRAF</i> mutations in colorectal adenocarcinoma: a diagnostic test accuracy study. Journal of Clinical Pathology, 2016, 69, 398-402.	1.0	26
30	A template for a clinico-pathological audit of medical liver biopsies. Journal of Clinical Pathology, 2015, 68, 935-937.	1.0	1
31	Screening for Lynch syndrome and referral to clinical genetics by selective mismatch repair protein immunohistochemistry testing: an audit and cost analysis. Journal of Clinical Pathology, 2015, 68, 1036-1039.	1.0	14
32	Histological overlap between colorectal villous/tubulovillous and traditional serrated adenomas. Histopathology, 2015, 66, 308-313.	1.6	22
33	Traditional serrated adenomas (TSAs) admixed with other serrated (so-called precursor) polyps and conventional adenomas: a frequent occurrence. Journal of Clinical Pathology, 2015, 68, 270-273.	1.0	34
34	Discrepancy rates in liver biopsy reporting. Journal of Clinical Pathology, 2014, 67, 825-827.	1.0	10
35	A study of Î±5 chain of collagen IV, caldesmon, placental alkaline phosphatase and smoothelin as immunohistochemical markers of gastrointestinal smooth muscle neoplasms. Journal of Clinical Pathology, 2014, 67, 105-111.	1.0	5