

# Alexander C Mackinnon

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,859  
citations

236925

25  
h-index

182427

51  
g-index

73  
all docs

73  
docs citations

73  
times ranked

5164  
citing authors

#	ARTICLE	IF	CITATIONS
1	C. elegans PAT-4/ILK Functions as an Adaptor Protein within Integrin Adhesion Complexes. <i>Current Biology</i> , 2002, 12, 787-797.	3.9	286
2	Expression and mutational analysis of <i>MET</i> in human solid cancers. <i>Genes Chromosomes and Cancer</i> , 2008, 47, 1025-1037.	2.8	282
3	Mitochondria-Targeted Drugs Synergize with 2-Deoxyglucose to Trigger Breast Cancer Cell Death. <i>Cancer Research</i> , 2012, 72, 2634-2644.	0.9	206
4	Use of Combination Chemotherapy for Treatment of Granulomatous and Lymphocytic Interstitial Lung Disease (GLILD) in Patients with Common Variable Immunodeficiency (CVID). <i>Journal of Clinical Immunology</i> , 2013, 33, 30-39.	3.8	183
5	Paxillin Is a Target for Somatic Mutations in Lung Cancer: Implications for Cell Growth and Invasion. <i>Cancer Research</i> , 2008, 68, 132-142.	0.9	114
6	Mitochondria-targeted vitamin E analogs inhibit breast cancer cell energy metabolism and promote cell death. <i>BMC Cancer</i> , 2013, 13, 285.	2.6	112
7	Depletion of M2-Like Tumor-Associated Macrophages Delays Cutaneous T-Cell Lymphoma Development In Vivo. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2814-2822.	0.7	102
8	Transcription factor genes <i>Smad4</i> and <i>Gata4</i> cooperatively regulate cardiac valve development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4006-4011.	7.1	98
9	Bronchiolar Adenoma. <i>American Journal of Surgical Pathology</i> , 2018, 42, 1010-1026.	3.7	91
10	Granulomatous and lymphocytic interstitial lung disease: a spectrum of pulmonary histopathologic lesions in common variable immunodeficiency—histologic and immunohistochemical analyses of 16 cases. <i>Human Pathology</i> , 2015, 46, 1306-1314.	2.0	89
11	Immunogenomic Landscape Contributes to Hyperprogressive Disease after Anti-PD-1 Immunotherapy for Cancer. <i>iScience</i> , 2018, 9, 258-277.	4.1	83
12	CXCL12 Chemokine Expression Suppresses Human Pancreatic Cancer Growth and Metastasis. <i>PLoS ONE</i> , 2014, 9, e90400.	2.5	74
13	Next generation sequencing of PD-L1 for predicting response to immune checkpoint inhibitors. , 2019, 7, 18.		72
14	Ets1 is required for proper migration and differentiation of the cardiac neural crest. <i>Development (Cambridge)</i> , 2010, 137, 1543-1551.	2.5	66
15	Role of Immunohistochemistry in the Diagnosis of Sebaceous Carcinoma. <i>American Journal of Dermatopathology</i> , 2015, 37, 809-821.	0.6	62
16	Desmoplastic melanoma: an updated immunohistochemical analysis of 40 cases with a proposal for an additional panel of stains for diagnosis. <i>Journal of Cutaneous Pathology</i> , 2016, 43, 313-323.	1.3	58
17	A Phase II Clinical Trial of Molecular Profiled Neoadjuvant Therapy for Localized Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgery</i> , 2018, 268, 610-619.	4.2	58
18	Disseminated <i>Nocardia farcinica</i> : Literature Review and Fatal Outcome in an Immunocompetent Patient. <i>Surgical Infections</i> , 2012, 13, 163-170.	1.4	55

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19	Prostate cancer risk locus at 8q24 as a regulatory hub by physical interactions with multiple genomic loci across the genome. <i>Human Molecular Genetics</i> , 2015, 24, 154-166.	2.9	53
20	p38 $\beta$ MAPK Is Essential for Aerobic Glycolysis and Pancreatic Tumorigenesis. <i>Cancer Research</i> , 2020, 80, 3251-3264.	0.9	47
21	Paxillin expression and amplification in early lung lesions of high-risk patients, lung adenocarcinoma and metastatic disease. <i>Journal of Clinical Pathology</i> , 2011, 64, 16-24.	2.0	43
22	Genomic variations in plasma cell free DNA differentiate early stage lung cancers from normal controls. <i>Lung Cancer</i> , 2015, 90, 78-84.	2.0	38
23	Cribiform adenocarcinoma of the lung: clinicopathologic, immunohistochemical, and molecular analysis of 15 cases of a distinctive morphologic subtype of lung adenocarcinoma. <i>Modern Pathology</i> , 2014, 27, 1063-1072.	5.5	31
24	Identification of Histologically Distinct Conventional Adenomas that Arise Predominately in Patients With Sessile Serrated Adenomas. <i>American Journal of Surgical Pathology</i> , 2010, 34, 355-363.	3.7	30
25	Cancer cell chemokines direct chemotaxis of activated stellate cells in pancreatic ductal adenocarcinoma. <i>Laboratory Investigation</i> , 2017, 97, 302-317.	3.7	30
26	Optimized b-value selection for the discrimination of prostate cancer grades, including the cribriform pattern, using diffusion weighted imaging. <i>Journal of Medical Imaging</i> , 2017, 5, 1.	1.5	30
27	Myxoinflammatory fibroblastic sarcoma: an immunohistochemical and molecular genetic study of 73 cases. <i>Modern Pathology</i> , 2020, 33, 2520-2533.	5.5	26
28	TFEB rearranged renal cell carcinoma. A clinicopathologic and molecular study of 13 cases. Tumors harboring MALAT1-TFEB, ACTB-TFEB, and the novel NEAT1-TFEB translocations constantly express PDL1. <i>Modern Pathology</i> , 2021, 34, 842-850.	5.5	26
29	Dickkopf-1, the Wnt antagonist, is induced by acidic pH and mediates epithelial cellular senescence in human reflux esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G557-G574.	3.4	24
30	The SmgGDS Splice Variant SmgGDS-558 Is a Key Promoter of Tumor Growth and RhoA Signaling in Breast Cancer. <i>Molecular Cancer Research</i> , 2014, 12, 130-142.	3.4	24
31	The Tumor-suppressive Small GTPase DiRas1 Binds the Noncanonical Guanine Nucleotide Exchange Factor SmgGDS and Antagonizes SmgGDS Interactions with Oncogenic Small GTPases. <i>Journal of Biological Chemistry</i> , 2016, 291, 6534-6545.	3.4	24
32	Evaluation, Validation, and Implementation of the Idylla System as Rapid Molecular Testing for Precision Medicine. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 862-872.	2.8	23
33	Association of Gel-Forming Mucins and Aquaporin Gene Expression With Hearing Loss, Effusion Viscosity, and Inflammation in Otitis Media With Effusion. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 810.	2.2	22
34	Overexpression of the VRK1 kinase, which is associated with breast cancer, induces a mesenchymal to epithelial transition in mammary epithelial cells. <i>PLoS ONE</i> , 2018, 13, e0203397.	2.5	20
35	Antral atrophy, intestinal metaplasia, and preneoplastic markers in Mexican children with <i>Helicobacter pylori</i> positive and <i>Helicobacter pylori</i> negative gastritis. <i>Annals of Diagnostic Pathology</i> , 2014, 18, 129-135.	1.3	19
36	Poorly Differentiated Nonkeratinizing Squamous Cell Carcinoma of the Thymus. <i>American Journal of Surgical Pathology</i> , 2018, 42, 1224-1236.	3.7	19

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37	Tracking in Anatomic Pathology. Archives of Pathology and Laboratory Medicine, 2013, 137, 1798-1810.	2.5	18
38	Association of microRNA 146 with middle ear hyperplasia in pediatric otitis media. International Journal of Pediatric Otorhinolaryngology, 2016, 88, 104-108.	1.0	18
39	Wnt/ $\beta$ -Catenin Signaling Activation beyond Robust Nuclear $\beta$ -Catenin Accumulation in Nondysplastic Barrett's Esophagus: Regulation via Dickkopf-1. Neoplasia, 2015, 17, 598-611.	5.3	17
40	Estrogens as Potent and Selective Estrogen Receptor-Beta Agonists (SERBAs) to Enhance Memory Consolidation under Low-Estrogen Conditions. Journal of Medicinal Chemistry, 2018, 61, 4720-4738.	6.4	16
41	Esophageal pepsin and proton pump synthesis in barrett's esophagus and esophageal adenocarcinoma. Laryngoscope, 2019, 129, 2687-2695.	2.0	16
42	Diagnostic utility of one-stop fusion gene panel to detect TFE3/TFEB gene rearrangement and amplification in renal cell carcinomas. Modern Pathology, 2021, 34, 2055-2063.	5.5	14
43	Spindle Cell Atypical Fibroxanthoma. American Journal of Dermatopathology, 2015, 37, 509-516.	0.6	13
44	Immune Check Point Inhibition in Sarcomatoid Renal Cell Carcinoma: A New Treatment Paradigm. Clinical Genitourinary Cancer, 2017, 15, e897-e901.	1.9	12
45	Expression of PD-L1/PD-1 in lymphoepithelioma-like carcinoma of the thymus. Modern Pathology, 2018, 31, 1801-1806.	5.5	12
46	Dysregulation of WNT5A/ROR2 Signaling Characterizes the Progression of Barrett-Associated Esophageal Adenocarcinoma. Molecular Cancer Research, 2016, 14, 647-659.	3.4	11
47	Comparison of Tissue Molecular Biomarker Testing Turnaround Times and Concordance Between Standard of Care and the Biocartis Idylla Platform in Patients With Colorectal Cancer. American Journal of Clinical Pathology, 2020, 154, 266-276.	0.7	10
48	Evaluation of CD43 expression in non-hematopoietic malignancies. Annals of Diagnostic Pathology, 2017, 29, 23-27.	1.3	9
49	Comparing gene expression data from formalin-fixed, paraffin embedded tissues and qPCR with that from snap-frozen tissue and microarrays for modeling outcomes of patients with ovarian carcinoma. BMC Clinical Pathology, 2015, 15, 17.	1.8	7
50	A single center's approach to discriminating donor versus host origin of renal neoplasia in the allograft kidney. Annals of Diagnostic Pathology, 2016, 23, 32-34.	1.3	7
51	Antibiotic modulation of mucins in otitis media; should this change our approach to watchful waiting?. International Journal of Pediatric Otorhinolaryngology, 2019, 125, 134-140.	1.0	7
52	Expression patterns for Bcl-2, EMA, $\beta$ -catenin, E-cadherin, PAX8, and MIB1 in thymomas. Modern Pathology, 2021, 34, 1831-1838.	5.5	6
53	Lymphocyte-Rich Spindle Cell Thymoma. American Journal of Surgical Pathology, 2022, 46, 603-616.	3.7	6
54	Atypical thymomas with squamoid and spindle cell features: clinicopathologic, immunohistochemical and molecular genetic study of 120 cases with long-term follow-up. Modern Pathology, 2022, 35, 875-894.	5.5	5

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55	Certification in Molecular Pathology in the United States. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 541-549.	2.8	4
56	Increased SPARC expression is associated with neoadjuvant therapy in resectable pancreatic ductal adenocarcinoma. <i>Practical Laboratory Medicine</i> , 2020, 21, e00171.	1.3	4
57	Extracolonic gastrointestinal tract morphologic findings in a case of pseudomembranous collagenous colitis. <i>Annals of Diagnostic Pathology</i> , 2013, 17, 291-294.	1.3	3
58	Evaluation of CD43 Expression in Non-Hematologic Malignancies. <i>American Journal of Clinical Pathology</i> , 2014, 142, A244-A244.	0.7	2
59	A Serum-Induced Transcriptome and Serum Cytokine Signature Obtained at Diagnosis Correlates with the Development of Early Pancreatic Ductal Adenocarcinoma Metastasis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 680-689.	2.5	2
60	New Approaches and Strategies for Proficiency Testing for Next-Generation Sequencing-Based Oncology Assays. <i>American Journal of Clinical Pathology</i> , 2022, 157, 478-479.	0.7	2
61	The Interpretation of Sequence Variants in Myeloid Neoplasms. <i>American Journal of Clinical Pathology</i> , 2021, 156, 728-748.	0.7	1
62	Immature Chondroid Choristoma. <i>American Journal of Dermatopathology</i> , 2021, Publish Ahead of Print, .	0.6	1
63	Phase II clinical trial of biomarker-directed therapy for localized pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2013, 31, TPS4147-TPS4147.	1.6	1
64	Epithelioid osteoblastoma. Clinicopathologic and immunohistochemical study of 17 cases. <i>Human Pathology</i> , 2022, 125, 68-78.	2.0	1
65	Spindle Cell Sarcoma of the Uterus Harboring <i>MEIS1::NCOA1</i> Fusion Gene and Mimicking Endometrial Stromal Sarcoma. <i>International Journal of Surgical Pathology</i> , 2023, 31, 227-232.	0.8	1
66	Variable Alpha Thalassemia/Mental Retardation Syndrome X-linked Immunohistochemical Expression among Gliomas by Histologic Type: An Institution's Experience. <i>American Journal of Clinical Pathology</i> , 2016, 146, .	0.7	0
67	Tubulopapillary adrenocortical adenoma in a patient with familial adenomatous polyposis: a morphologic, ultrastructural, and molecular study. <i>Human Pathology</i> , 2019, 87, 51-56.	2.0	0
68	Rapid immunohistochemical analysis of pancreatic cytology from endoscopic ultrasound-guided fine-needle aspirates: A prospective clinical trial.. <i>Journal of Clinical Oncology</i> , 2016, 34, 400-400.	1.6	0
69	High SPARC expression in treated sarcomas may correlate with decreased overall survival.. <i>Journal of Clinical Oncology</i> , 2016, 34, e22529-e22529.	1.6	0
70	The Development and Characterization of Estrogen Receptor Beta Agonists to Treat Cognitive Decline in Postmenopausal Women. <i>FASEB Journal</i> , 2019, 33, 670.9.	0.5	0
71	The diagnostic utility of RNA-based fusion panel testing ordered by pathologists in challenging cases. <i>Annals of Diagnostic Pathology</i> , 2022, , 151957.	1.3	0