

Andrew Cook Nelson

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,060
citations

471509

17
h-index

477307

29
g-index

54
all docs

54
docs citations

54
times ranked

1914
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumour-associated macrophages drive stromal cell-dependent collagen crosslinking and stiffening to promote breast cancer aggression. <i>Nature Materials</i> , 2021, 20, 548-559.	27.5	125
2	Chemotherapy-Induced Tunneling Nanotubes Mediate Intercellular Drug Efflux in Pancreatic Cancer. <i>Scientific Reports</i> , 2018, 8, 9484.	3.3	79
3	A rapid, cost-effective tailed amplicon method for sequencing SARS-CoV-2. <i>BMC Genomics</i> , 2020, 21, 863.	2.8	75
4	Tissue-resident macrophages promote extracellular matrix homeostasis in the mammary gland stroma of nulliparous mice. <i>ELife</i> , 2020, 9, .	6.0	63
5	Multiomic Analysis of Subtype Evolution and Heterogeneity in High-Grade Serous Ovarian Carcinoma. <i>Cancer Research</i> , 2020, 80, 4335-4345.	0.9	57
6	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. <i>EClinicalMedicine</i> , 2021, 37, 100957.	7.1	56
7	Breaking through to the Other Side: Microenvironment Contributions to DCIS Initiation and Progression. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2018, 23, 207-221.	2.7	51
8	ScanIndel: a hybrid framework for indel detection via gapped alignment, split reads and de novo assembly. <i>Genome Medicine</i> , 2015, 7, 127.	8.2	50
9	JAK/STAT inhibition in macrophages promotes therapeutic resistance by inducing expression of protumorigenic factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12442-12451.	7.1	50
10	Correlation Between Histological Diagnosis and Mutational Panel Testing of Thyroid Nodules: A Two-Year Institutional Experience. <i>Thyroid</i> , 2016, 26, 1068-1076.	4.5	43
11	EBV-negative monomorphic B-cell post-transplant lymphoproliferative disorders are pathologically distinct from EBV-positive cases and frequently contain TP53 mutations. <i>Modern Pathology</i> , 2016, 29, 1200-1211.	5.5	38
12	Next generation sequencing for clinical diagnostics: Five year experience of an academic laboratory. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 19, 100464.	1.1	38
13	Analyses of molecular and histopathologic features and expression of PRAME by immunohistochemistry in mucosal melanomas. <i>Modern Pathology</i> , 2019, 32, 1727-1733.	5.5	36
14	Epiregulin contributes to breast tumorigenesis through regulating matrix metalloproteinase 1 and promoting cell survival. <i>Molecular Cancer</i> , 2015, 14, 138.	19.2	24
15	Postpartum breast cancer progression is driven by semaphorin 7a-mediated invasion and survival. <i>Oncogene</i> , 2020, 39, 2772-2785.	5.9	23
16	Tumor Cell Associated Hyaluronan-CD44 Signaling Promotes Pro-Tumor Inflammation in Breast Cancer. <i>Cancers</i> , 2020, 12, 1325.	3.7	21
17	RHAMM Is a Multifunctional Protein That Regulates Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10313.	4.1	20
18	Complete and sustained response of adult medulloblastoma to first-line sonic hedgehog inhibition with vismodegib. <i>Cancer Biology and Therapy</i> , 2016, 17, 1010-1016.	3.4	19

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19	Hyaluronan Functions in Wound Repair That Are Captured to Fuel Breast Cancer Progression. <i>Biomolecules</i> , 2021, 11, 1551.	4.0	15
20	Optimal detection of clinically relevant mutations in colorectal carcinoma: sample pooling overcomes intra-tumoral heterogeneity. <i>Modern Pathology</i> , 2018, 31, 343-349.	5.5	13
21	Chondroitin sulfate proteoglycan 4, a targetable oncoantigen that promotes ovarian cancer growth, invasion, cisplatin resistance and spheroid formation. <i>Translational Oncology</i> , 2022, 16, 101318.	3.7	12
22	Saliva Testing Is Accurate for Early-Stage and Presymptomatic COVID-19. <i>Microbiology Spectrum</i> , 2021, 9, e0008621.	3.0	11
23	Keratinizing odontogenic cyst with verrucous pattern featuring negative human papillomavirus status by polymerase chain reaction. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, e233-e240.	0.4	10
24	Assessing acquired resistance to IDH1 inhibitor therapy by full-exon <i>IDH1</i> sequencing and structural modeling. <i>Journal of Physical Education and Sports Management</i> , 2021, 7, a006007.	1.2	10
25	Optimization of a microfluidics-based next generation sequencing assay for clinical oncology diagnostics. <i>Annals of Translational Medicine</i> , 2018, 6, 162-162.	1.7	9
26	Therapeutic Response of Metastatic Colorectal Cancer Harboring a <i>KRAS</i> Missense Mutation After Combination Chemotherapy With the EGFR Inhibitor Panitumumab. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2017, 15, 427-432.	4.9	8
27	RAS internal tandem duplication disrupts GTPase-activating protein (GAP) binding to activate oncogenic signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 9335-9348.	3.4	8
28	Derivation of a nuclear heterogeneity image index to grade DCIS. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 4063-4070.	4.1	8
29	ADAM17 in tumor associated leukocytes regulates inflammatory mediators and promotes mammary tumor formation. <i>Genes and Cancer</i> , 2016, 7, 240-253.	1.9	7
30	GLS1 is a Protective Factor in Patients with Ovarian Clear Cell Carcinoma and its Expression Does Not Correlate with ARID1A-mutated Tumors. <i>Cancer Research Communications</i> , 2022, 2, 784-794.	1.7	7
31	Somatic Mosaicism in a Male Patient With X-linked Alport Syndrome. <i>Kidney International Reports</i> , 2019, 4, 1031-1035.	0.8	6
32	Gene Expression and Mutational Profile in BAP-1 Inactivated Melanocytic Lesions of Progressive Malignancy from a Patient with Multiple Lesions. <i>Genes</i> , 2022, 13, 10.	2.4	6
33	Diagnosis of epidermodysplasia verruciformis: Two cases highlighting the role of direct HPV L1 gene sequencing. <i>Journal of Cutaneous Pathology</i> , 2019, 46, 436-441.	1.3	5
34	Neonatal respiratory failure due to novel compound heterozygous mutations in the ABCA3 lipid transporter. <i>Journal of Physical Education and Sports Management</i> , 2020, 6, a005074.	1.2	4
35	Expression of Immuno-Oncologic Biomarkers Is Enriched in Colorectal Cancers and Other Solid Tumors Harboring the A59T Variant of KRAS. <i>Cells</i> , 2021, 10, 1275.	4.1	4
36	Cancer Whole-Genome Sequencing. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 784-787.	2.8	4

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37	Differential response of SHH-expressing adult medulloblastomas to the sonic hedgehog inhibitor vismodegib: whole-genome analysis. <i>Cancer Biology and Therapy</i> , 2019, 20, 1398-1402.	3.4	3
38	Molecular characterization of biphenotypic epithelioid and plexiform melanoma with deep penetrating nevus-like features. <i>Pigment Cell and Melanoma Research</i> , 2021, , .	3.3	3
39	Third reported patient with <sc><i>RAP1B</i></sc>-related syndromic thrombocytopenia and novel clinical findings. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 2808-2814.	1.2	3
40	Genomics of clonal evolution in a case of essential thrombocythemia. <i>Leukemia and Lymphoma</i> , 2018, 59, 497-500.	1.3	2
41	Pale (Clear) Cell Acanthoma of the Palate. <i>Head and Neck Pathology</i> , 2020, 14, 535-541.	2.6	2
42	Effect of Losartan on Symptomatic Outpatients with COVID-19: A Randomized Clinical Trial. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
43	Prediction of False-Positive Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Molecular Results in a High-Throughput Open-Platform System. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1085-1096.	2.8	2
44	Leveraging Public Cloud Services for CLIA-Certified Personalized Medicine Pipelines. , 2019, , .		1
45	Solitary oral epidermolytic acanthoma: Case report of a rarely diagnosed entity. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 128, e208-e213.	0.4	1
46	Adult Langerhans histiocytosis with rare BRAF mutation complicated by massive pulmonary embolism. <i>Thrombosis Research</i> , 2020, 193, 207-210.	1.7	1
47	Evolution of clonal dynamics and differential response to targeted therapy in a case of systemic mastocytosis with associated myelodysplastic syndrome. <i>Leukemia Research</i> , 2020, 95, 106404.	0.8	1