Nicholas A Saunders

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Role of intratumoural heterogeneity in cancer drug resistance: molecular and clinical perspectives. EMBO Molecular Medicine, 2012, 4, 675-684.	6.9	223
2	A role for pericytes as microenvironmental regulators of human skin tissue regeneration. Journal of Clinical Investigation, 2009, 119, 2795-806.	8.2	178
3	Cornifin, a cross-linked envelope precursor in keratinocytes that is down-regulated by retinoids Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 11026-11030.	7.1	145
4	Histone deacetylase inhibitors specifically kill nonproliferating tumour cells. Oncogene, 2004, 23, 6693-6701.	5.9	129
5	Endocytosis Inhibition in Humans to Improve Responses to ADCC-Mediating Antibodies. Cell, 2020, 180, 895-914.e27.	28.9	127
6	Inhibition of cervical cancer cell growth in vitro and in vivo with lentiviral-vector delivered short hairpin RNA targeting human papillomavirus E6 and E7 oncogenes. Cancer Gene Therapy, 2006, 13, 1023-1032.	4.6	116
7	Sunscreen Penetration of Human Skin and Related Keratinocyte Toxicity after Topical Application. Skin Pharmacology and Physiology, 2005, 18, 170-174.	2.5	110
8	Control of growth regulatory and differentiation-specific genes in human epidermal keratinocytes by interferon gamma. Antagonism by retinoic acid and transforming growth factor beta 1. Journal of Biological Chemistry, 1994, 269, 2016-22.	3.4	110
9	RNA Interference against Human Papillomavirus Oncogenes in Cervical Cancer Cells Results in Increased Sensitivity to Cisplatin. Molecular Pharmacology, 2005, 68, 1311-1319.	2.3	104
10	Roles of heterogeneous nuclear ribonucleoproteins A and B in cell proliferation. Journal of Cell Science, 2005, 118, 3173-3183.	2.0	102
11	Alterations in gene expression and activity during squamous cell carcinoma development. Cancer Research, 2002, 62, 3759-65.	0.9	92
12	Cavinâ€1/PTRF alters prostate cancer cellâ€derived extracellular vesicle content and internalization to attenuate extracellular vesicleâ€mediated osteoclastogenesis and osteoblast proliferation. Journal of Extracellular Vesicles, 2014, 3, .	12.2	86
13	Four-Year Follow-up of Mortality and Sleep-Related Respiratory Disturbance in Non-Demented Seniors. Sleep, 1995, 18, 433-438.	1.1	80
14	E2F7 Can Regulate Proliferation, Differentiation, and Apoptotic Responses in Human Keratinocytes: Implications for Cutaneous Squamous Cell Carcinoma Formation. Cancer Research, 2009, 69, 1800-1808.	0.9	78
15	Laminin 10/11: an alternative adhesive ligand for epidermal keratinocytes with a functional role in promoting proliferation and migration. Experimental Dermatology, 2002, 11, 387-397.	2.9	77
16	Loss of Osteoclasts Contributes to Development of Osteosarcoma Pulmonary Metastases. Cancer Research, 2010, 70, 7063-7072.	0.9	72
17	Inactivation of Glutathione Peroxidase Activity Contributes to UV-Induced Squamous Cell Carcinoma Formation. Cancer Research, 2007, 67, 4751-4758.	0.9	65
18	The role of osteoclasts and tumour-associated macrophages in osteosarcoma metastasis. Biochimica Et Biophysica Acta: Reviews on Cancer. 2012. 1826. 434-442.	7.4	64

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19	Regulation of transglutaminase type I expression in squamous differentiating rabbit tracheal epithelial cells and human epidermal keratinocytes: effects of retinoic acid and phorbol esters Molecular Endocrinology, 1993, 7, 387-398.	3.7	61
20	Immune responses induced by BCG recombinant for human papillomavirus L1 and E7 proteins. Vaccine, 2000, 18, 2444-2453.	3.8	61
21	Osteosarcoma is characterised by reduced expression of markers of osteoclastogenesis and antigen presentation compared with normal bone. British Journal of Cancer, 2010, 103, 73-81.	6.4	61
22	Histone Hyperacetylation Induced by Histone Deacetylase Inhibitors Is Not Sufficient to Cause Growth Inhibition in Human Dermal Fibroblasts. Journal of Biological Chemistry, 2001, 276, 22491-22499.	3.4	58
23	Gene Codon Composition Determines Differentiation-Dependent Expression of a Viral Capsid Gene in Keratinocytes In Vitro and InVivo. Molecular and Cellular Biology, 2005, 25, 8643-8655.	2.3	55
24	Preclinical evaluation of dual PI3K-mTOR inhibitors and histone deacetylase inhibitors in head and neck squamous cell carcinoma. British Journal of Cancer, 2012, 106, 107-115.	6.4	55
25	Regulation of Proliferation-Specific and Differentiation-Specific Genes during Senescence of Human Epidermal Keratinocyte and Mammary Epithelial Cells. Biochemical and Biophysical Research Communications, 1993, 197, 46-54.	2.1	50
26	E2F as a Regulator of Keratinocyte Proliferation: Implications for Skin Tumor Development. Journal of Investigative Dermatology, 1997, 109, 187-193.	0.7	49
27	A systematic review and meta-analysis of immunohistochemical biomarkers that differentiate chromophobe renal cell carcinoma from renal oncocytoma. Journal of Clinical Pathology, 2016, 69, 661-671.	2.0	49
28	Cisplatin Treatment Induces a Transient Increase in Tumorigenic Potential Associated with High Interleukin-6 Expression in Head and Neck Squamous Cell Carcinoma. Molecular Cancer Therapeutics, 2010, 9, 2430-2439.	4.1	47
29	Progression of Osteosarcoma from a Non-Metastatic to a Metastatic Phenotype Is Causally Associated with Activation of an Autocrine and Paracrine uPA Axis. PLoS ONE, 2015, 10, e0133592.	2.5	47
30	Dysregulation of the Repressive H3K27 Trimethylation Mark in Head and Neck Squamous Cell Carcinoma Contributes to Dysregulated Squamous Differentiation. Clinical Cancer Research, 2013, 19, 428-441.	7.0	46
31	High prevalence of human papillomaviruses in fresh frozen breast cancer samples. Journal of Medical Virology, 2011, 83, 2157-2163.	5.0	45
32	Valproic acid: Growth inhibition of head and neck cancer by induction of terminal differentiation and senescence. Head and Neck, 2012, 34, 344-353.	2.0	43
33	Regulation of transglutaminase type I expression in squamous differentiating rabbit tracheal epithelial cells and human epidermal keratinocytes: effects of retinoic acid and phorbol esters. Molecular Endocrinology, 1993, 7, 387-398.	3.7	41
34	Viral infections and breast cancer $\hat{a} \in$ " A current perspective. Cancer Letters, 2018, 420, 182-189.	7.2	40
35	Auranofin is a potent suppressor of osteosarcoma metastasis. Oncotarget, 2016, 7, 831-844.	1.8	38
36	Extracellular vesicles secreted by highly metastatic clonal variants of osteosarcoma preferentially localize to the lungs and induce metastatic behaviour in poorly metastatic clones. Oncotarget, 2016, 7, 43570-43587.	1.8	38

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37	Regulation of the Transglutaminase I Gene. Journal of Biological Chemistry, 1999, 274, 3887-3896.	3.4	37
38	Epithelial expression of human papillomavirus type 16 E7 protein results in peripheral CD8 T ell suppression mediated by CD4 ⁺ CD25 ⁺ T cells. European Journal of Immunology, 2009, 39, 481-490.	2.9	37
39	Differential responsiveness of human bronchial epithelial cells, lung carcinoma cells, and bronchial fibroblasts to interferon-gamma in vitro American Journal of Respiratory Cell and Molecular Biology, 1994, 11, 147-152.	2.9	35
40	E2F-1 induces proliferation-specific genes and suppresses squamous differentiation-specific genes in human epidermal keratinocytes. Oncogene, 2000, 19, 2887-2894.	5.9	35
41	Serum Glycoprotein Biomarker Discovery and Qualification Pipeline Reveals Novel Diagnostic Biomarker Candidates for Esophageal Adenocarcinoma. Molecular and Cellular Proteomics, 2015, 14, 3023-3039.	3.8	33
42	Suppression of Keratinocyte Growth and Differentiation by Transforming Growth Factor β1 Involves Multiple Signaling Pathways. Journal of Investigative Dermatology, 2001, 116, 266-274.	0.7	32
43	E2F suppression and Sp1 overexpression are sufficient to induce the differentiation-specific marker, transglutaminase type 1, in a squamous cell carcinoma cell line. Oncogene, 2005, 24, 3525-3534.	5.9	31
44	RacGAP1 Is a Novel Downstream Effector of E2F7-Dependent Resistance to Doxorubicin and Is Prognostic for Overall Survival in Squamous Cell Carcinoma. Molecular Cancer Therapeutics, 2015, 14, 1939-1950.	4.1	30
45	A Novel E2F/Sphingosine Kinase 1 Axis Regulates Anthracycline Response in Squamous Cell Carcinoma. Clinical Cancer Research, 2015, 21, 417-427.	7.0	30
46	Targeting the XPO1-dependent nuclear export of E2F7 reverses anthracycline resistance in head and neck squamous cell carcinomas. Science Translational Medicine, 2018, 10, .	12.4	30
47	Early Diagnostic Biomarkers for Esophageal Adenocarcinoma—The Current State of Play. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1185-1209.	2.5	29
48	E2F Modulates Keratinocyte Squamous Differentiation. Journal of Biological Chemistry, 2003, 278, 28516-28522.	3.4	28
49	Focal overexpression of CEACAM6 contributes to enhanced tumourigenesis in head and neck cancer via suppression of apoptosis. Molecular Cancer, 2012, 11, 74.	19.2	28
50	Cytochrome P450, CYP26AI, is expressed at low levels in human epidermal keratinocytes and is not retinoic acid-inducible. British Journal of Dermatology, 1999, 141, 460-468.	1.5	27
51	Valproic acid as a therapeutic agent for head and neck squamous cell carcinomas. Cancer Chemotherapy and Pharmacology, 2009, 63, 381-389.	2.3	26
52	Tumor-initiating activity and tumor morphology of HNSCC is modulated by interactions between clonal variants within the tumor. Laboratory Investigation, 2010, 90, 1594-1603.	3.7	26
53	CD62L as a Therapeutic Target in Chronic Lymphocytic Leukemia. Clinical Cancer Research, 2013, 19, 5675-5685.	7.0	26
54	Interferon-Î ³ as a regulator of squamous differentiation. Journal of Dermatological Science, 1996, 13, 98-106.	1.9	25

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55	Identifying Molecular Targets Mediating the Anticancer Activity of Histone Deacetylase Inhibitors: A Work in Progress. Current Cancer Drug Targets, 2002, 2, 337-353.	1.6	25
56	Molecular and cellular biology of basal cell carcinoma. Australasian Journal of Dermatology, 2002, 43, 241-246.	0.7	23
57	Keratinocyte growth arrest is associated with activation of a transcriptional repressor element in the human cdk1 promoter. Journal of Cellular Physiology, 1998, 177, 474-482.	4.1	22
58	The Role of the E2F Transcription Factor Family in UV-Induced Apoptosis. International Journal of Molecular Sciences, 2011, 12, 8947-8960.	4.1	22
59	Night-to-Night Variability of Disturbed Breathing During Sleep in an Elderly Community Sample. Sleep, 1991, , .	1.1	21
60	Histone deacetylase inhibitors: novel anticancer agents. Expert Opinion on Investigational Drugs, 1999, 8, 1611-1621.	4.1	21
61	Optimization of a transplant model to assess skin reconstitution from stem cell-enriched primary human keratinocyte populations. Experimental Dermatology, 2005, 14, 60-69.	2.9	21
62	Generalized substitution of isoencoding codons shortens the duration of papillomavirus L1 protein expression in transiently gene-transfected keratinocytes due to cell differentiation. Nucleic Acids Research, 2007, 35, 4820-4832.	14.5	21
63	No association between HPV positive breast cancer and expression of human papilloma viral transcripts. Scientific Reports, 2015, 5, 18081.	3.3	21
64	Pulmonary alveolar macrophages express a polyamine transport system. Journal of Cellular Physiology, 1989, 139, 624-631.	4.1	20
65	An ExÂVivo Human Tumor Assay Shows DistinctÂPatterns of EGFR Trafficking in Squamous Cell Carcinoma Correlating to Therapeutic Outcomes. Journal of Investigative Dermatology, 2019, 139, 213-223.	0.7	19
66	Calcium enhances mouse keratinocyte differentiation in vitro to differentially regulate expression of papillomavirus authentic and codon modified L1 genes. Virology, 2007, 365, 187-197.	2.4	18
67	Exploiting Novel Cell Cycle Targets in the Development of Anticancer Agents. Current Cancer Drug Targets, 2005, 5, 85-102.	1.6	18
68	Fetuin-A: A Major Fetal Serum Protein that Promotes "Wound Closure―and Scarless Healing. Journal of Investigative Dermatology, 2008, 128, 753-757.	0.7	17
69	E2F1 messenger RNA is destabilized in response to a growth inhibitor in normal human keratinocytes but not in a squamous carcinoma cell line. Cancer Research, 1998, 58, 1646-9.	0.9	17
70	Functional Characterization of Cultured Cells Derived from an Intraepidermal Carcinoma of the Skin (IEC-1). Experimental Cell Research, 2000, 258, 352-360.	2.6	16
71	Valproic acid combined with cytosine arabinoside in elderly patients with acute myeloid leukemia has in vitro but limited clinical activity. Leukemia and Lymphoma, 2012, 53, 1077-1083.	1.3	16
72	Clinically-Relevant Rapamycin Treatment Regimens Enhance CD8 ⁺ Effector Memory T Cell Function In The Skin and Allow their Infiltration into Cutaneous Squamous Cell Carcinoma. OncoImmunology, 2018, 7, e1479627.	4.6	16

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73	Expression of papillomavirus L1 proteins regulated by authentic gene codon usage is favoured in G2/M-like cells in differentiating keratinocytes. Virology, 2010, 399, 46-58.	2.4	15
74	DUX4 Is Derepressed in Late-Differentiating Keratinocytes in Conjunction with Loss of H3K9me3 Epigenetic Repression. Journal of Investigative Dermatology, 2016, 136, 1299-1302.	0.7	15
75	Uptake, efflux and metabolism of the polyamine putrescine in rabbit lung slices. Biochimica Et Biophysica Acta - Molecular Cell Research, 1987, 927, 170-176.	4.1	14
76	AP-2 transcription factor family member expression, activity, and regulation in human epidermal keratinocytes in vitro. Differentiation, 2004, 72, 185-197.	1.9	14
77	Regulation of Guanylate-Binding Protein Expression in Interferon-Î ³ -Treated Human Epidermal Keratinocytes and Squamous Cell Carcinoma Cells. Journal of Investigative Dermatology, 1999, 112, 977-983.	0.7	13
78	Subtype-Specific Analyses Reveal Infiltrative Basal Cell Carcinomas Are Highly Interactive with their Environment. Journal of Investigative Dermatology, 2021, 141, 2380-2390.	0.7	13
79	Fetuinâ€A promotes primary keratinocyte migration: independent of epidermal growth factor receptor signalling. Experimental Dermatology, 2010, 19, e289-92.	2.9	12
80	Loss of E2F7 Expression Is an Early Event in Squamous Differentiation and Causes Derepression of the Key Differentiation Activator Sp1. Journal of Investigative Dermatology, 2011, 131, 1077-1084.	0.7	12
81	Non-melanoma skin cancers. Drug Discovery Today Disease Mechanisms, 2008, 5, e55-e62.	0.8	11
82	Auranofin improves overall survival when combined with standard of care in a pilot study involving dogs with osteosarcoma. Veterinary and Comparative Oncology, 2020, 18, 206-213.	1.8	11
83	E2F6: a member of the E2F family that does not modulate squamous differentiation. Biochemical and Biophysical Research Communications, 2004, 324, 497-503.	2.1	10
84	Indoleâ€3â€carbinol – Induced growth inhibition can be converted to a cytotoxic response in the presence of TPA + Ca ²⁺ in squamous cell carcinoma cell lines. FEBS Letters, 2007, 581, 3839-3847.	2.8	10
85	Up-regulated expression of Sp1 protein coincident with a viral protein in human and mouse differentiating keratinocytes may act as a cell differentiation marker. Differentiation, 2008, 76, 1068-1080.	1.9	10
86	The duality of macrophage function in chronic lymphocytic leukaemia. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 176-182.	7.4	10
87	Increased Fcl ³ RIIB dominance contributes to the emergence of resistance to therapeutic antibodies in chronic lymphocytic leukaemia patients. Oncogene, 2017, 36, 2366-2376.	5.9	10
88	Localization of spermidine uptake in rabbit lung slices. American Journal of Physiology - Cell Physiology, 1989, 257, C579-C587.	4.6	9
89	Dysregulation of Epidermal Growth Factor Receptor in Actinic Keratosis and Squamous Cell Carcinoma. Current Problems in Dermatology, 2014, 46, 20-27.	0.7	9
90	PI3K-p110δ contributes to antibody responses by macrophages in chronic lymphocytic leukemia. Leukemia, 2020, 34, 451-461.	7.2	8

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91	Assessment of Independent Learning. Medical Teacher, 1984, 6, 70-73.	1.8	7
92	Modulation of proliferation-specific and differentiation-specific markers in human keratinocytes by SMAD7. Experimental Cell Research, 2004, 294, 356-365.	2.6	7
93	Isolation (From a Basal Cell Carcinoma) of a Functionally Distinct Fibroblast-Like Cell Type that Overexpresses Ptch. Journal of Investigative Dermatology, 2002, 118, 859-865.	0.7	6
94	Glyco-centric lectin magnetic bead array (LeMBA) â^' proteomics dataset of human serum samples from healthy, Barrett׳s esophagus and esophageal adenocarcinoma individuals. Data in Brief, 2016, 7, 1058-1062.	1.0	6
95	HPV16 E7-impaired keratinocyte differentiation leads to tumorigenesis via cell cycle/pRb/involucrin/spectrin/adducin cascade. Applied Microbiology and Biotechnology, 2020, 104, 4417-4433.	3.6	6
96	Transcriptomic analysis of monocytes and macrophages derived from CLL patients which display differing abilities to respond to therapeutic antibody immune complexes. Genomics Data, 2016, 7, 4-6.	1.3	4
97	A cost-effective three-dimensional culture platform functionally mimics the adipose tissue microenvironment surrounding the kidney. Biochemical and Biophysical Research Communications, 2020, 522, 736-742.	2.1	4
98	HDAC7 is an actionable driver of therapeutic antibody resistance by macrophages from CLL patients. Oncogene, 2020, 39, 5756-5767.	5.9	4
99	Sustained expression of HPV16 E7 oncoprotein promotes p-AKT(Ser473)/p-Src(Tyr527) signaling to drive precancerous lesions to invasive cervical cancer. Carcinogenesis, 2022, 43, 479-493.	2.8	4
100	SIMPLIFYING THE MOLECULAR MECHANISMS OF HUMAN PAPILLOMAVIRUS. Dermatologic Clinics, 1998, 16, 823-827.	1.7	3
101	Correction: Article on E2F7 in SCC. Cancer Research, 2009, 69, 7130-7130.	0.9	3
102	Expression of a preprorelaxin-like gene during squamous differentiation of rabbit tracheobronchial epithelial cells and its suppression by retinoic acid. Cell Growth & Differentiation: the Molecular Biology Journal of the American Association for Cancer Research, 1992, 3, 549-56.	0.8	3
103	Short interfering RNA induced generation and translation of stable 5′ mRNA cleavage intermediates. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1034-1042.	1.9	2
104	Identifying an obinutuzumab resistant subpopulation of monocyte-derived-macrophages from patients with CLL. Leukemia and Lymphoma, 2020, 61, 2738-2742.	1.3	2
105	Emerging issues in sleepâ€disordered breathing. Medical Journal of Australia, 1996, 165, 107-110.	1.7	1
106	Confluence-Induced Squamous Differentiation Is Not Accompanied by Changes in H3K27me3 Repressive Epigenetic Mark. Journal of Investigative Dermatology, 2015, 135, 2446-2454.	0.7	1
107	High serum levels of CD178 (soluble FasL) predict for inferior progression free survival in chronic lymphocytic leukemia treated with fludarabine-based chemotherapy. Leukemia and Lymphoma, 2019, 60, 2563-2567.	1.3	1
108	SIRPα Suppresses Response to Therapeutic Antibodies by Nurse Like Cells From Chronic Lymphocytic Leukemia Patients. Frontiers in Immunology, 2020, 11, 610523.	4.8	1

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109	Keratinocyte growth arrest is associated with activation of a transcriptional repressor element in the human cdk1 promoter. Journal of Cellular Physiology, 1998, 177, 474-482.	4.1	1
110	Abstract 2492: Discovery and validation of novel serum glycoprotein biomarkers for Barrett's esophagus and esophageal adenocarcinoma. , 2014, , .		1
111	Autoradiographic localization of putrescine uptake to type II pneumocytes of rabbit lung slices. Laboratory Investigation, 1988, 59, 380-6.	3.7	1
112	Morphological and molecular analysis of a breast cancer cluster at the ABC Studio in Toowong. Pathology, 2012, 44, 469-472.	0.6	0
113	Abstract 2559: Preclinical evaluation of dual PI3K-mTOR inhibitors and histone deacetylase inhibitors in head and neck squamous cell carcinoma. , 2011, , .		0
114	Abstract LB-298: The bone marrow microenvironment increases osteosarcoma tumour cell migration by signaling through uPA/uPAR. , 2011, , .		0
115	Abstract 3948: An inhibitor of uPA reduces osteosarcoma metastasis by blocking signaling in tumour cells and the bone marrow microenvironment , 2013, , .		0
116	Serum Levels Of CD178 (Soluble FasL) Predict Treatment Response and Survival In Chronic Lymphocytic Leukaemia (CLL). Blood, 2013, 122, 2866-2866.	1.4	0
117	Abstract 1213: Nuclear export of E2F7 in squamous cell carcinoma in an actionable event that reverses resistance to anthracyclines. , 2017, , .		0
118	Performance of finalâ€year students. Medical Journal of Australia, 1988, 148, 319-319.	1.7	0
119	Alterations in Gene Expression Associated with Head and Neck Squamous Cell Carcinoma Development. Cancer Genomics and Proteomics, 2004, 1, 137-148.	2.0	Ο