

# Nigel Mongan

## List of Publications by Citations

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117  
papers

3,912  
citations

33  
h-index

60  
g-index

122  
ext. papers

4,807  
ext. citations

6  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
117	Regulation of stem cell pluripotency and differentiation involves a mutual regulatory circuit of the NANOG, OCT4, and SOX2 pluripotency transcription factors with polycomb repressive complexes and stem cell microRNAs. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 1093-108	4.4	319
116	mA potentiates Sxl alternative pre-mRNA splicing for robust Drosophila sex determination. <i>Nature</i> , <b>2016</b> , 540, 301-304	50.4	314
115	Role of androgen receptor and associated lysine-demethylase coregulators, LSD1 and JMJD2A, in localized and advanced human bladder cancer. <i>Molecular Carcinogenesis</i> , <b>2011</b> , 50, 931-44	5	169
114	Increased expression of the polycomb group gene, EZH2, in transitional cell carcinoma of the bladder. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 8570-6	12.9	166
113	Identification of factors required for m A mRNA methylation in Arabidopsis reveals a role for the conserved E3 ubiquitin ligase HAKAI. <i>New Phytologist</i> , <b>2017</b> , 215, 157-172	9.8	163
112	Androgen receptor gene CAG repeat polymorphism in the development of ovarian hyperandrogenism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3333-8	5.6	147
111	Diverse actions of retinoid receptors in cancer prevention and treatment. <i>Differentiation</i> , <b>2007</b> , 75, 853-855	30	140
110	Androgen receptor expression is inversely correlated with pathologic tumor stage in bladder cancer. <i>Urology</i> , <b>2004</b> , 64, 383-8	1.6	131
109	Mutations in ZMYND10, a gene essential for proper axonemal assembly of inner and outer dynein arms in humans and flies, cause primary ciliary dyskinesia. <i>American Journal of Human Genetics</i> , <b>2013</b> , 93, 346-56	11	126
108	copy number expansion is associated with the evolution of increased body size and an enhanced DNA damage response in elephants. <i>ELife</i> , <b>2016</b> , 5,	8.9	116
107	Androgen insensitivity syndrome. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 29, 569-80	6.5	105
106	Expression of VEGF and its receptors VEGFR1/VEGFR2 is associated with invasiveness of bladder cancer. <i>Anticancer Research</i> , <b>2013</b> , 33, 2381-90	2.3	80
105	Overcoming drug resistance and treating advanced prostate cancer. <i>Current Drug Targets</i> , <b>2012</b> , 13, 1308-23		76
104	Malignant inflammation in cutaneous T-cell lymphoma-a hostile takeover. <i>Seminars in Immunopathology</i> , <b>2017</b> , 39, 269-282	12	73
103	Valproic acid, in combination with all-trans retinoic acid and 5-aza-2Sdeoxycytidine, restores expression of silenced RARbeta2 in breast cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2005</b> , 4, 477-86	6.1	73
102	The lysine specific demethylase-1 (LSD1/KDM1A) regulates VEGF-A expression in prostate cancer. <i>Molecular Oncology</i> , <b>2013</b> , 7, 555-66	7.9	70
101	Staphylococcal enterotoxin A (SEA) stimulates STAT3 activation and IL-17 expression in cutaneous T-cell lymphoma. <i>Blood</i> , <b>2016</b> , 127, 1287-96	2.2	60

100	Jak3, STAT3, and STAT5 inhibit expression of miR-22, a novel tumor suppressor microRNA, in cutaneous T-Cell lymphoma. <i>Oncotarget</i> , <b>2015</b> , 6, 20555-69	3.3	58
99	The role of HIF1 $\alpha$ in renal cell carcinoma tumorigenesis. <i>Journal of Molecular Medicine</i> , <b>2014</b> , 92, 825-36	5.5	55
98	Role of loop D of the alpha7 nicotinic acetylcholine receptor in its interaction with the insecticide imidacloprid and related neonicotinoids. <i>British Journal of Pharmacology</i> , <b>2000</b> , 130, 981-6	8.6	52
97	The putative human stem cell marker, Rex-1 (Zfp42): structural classification and expression in normal human epithelial and carcinoma cell cultures. <i>Molecular Carcinogenesis</i> , <b>2006</b> , 45, 887-900	5	48
96	Anthelmintic actions on homomer-forming nicotinic acetylcholine receptor subunits: chicken alpha7 and ACR-16 from the nematode <i>Caenorhabditis elegans</i> . <i>Neuroscience</i> , <b>2000</b> , 101, 785-91	3.9	47
95	Human androgen receptor gene ligand-binding-domain mutations leading to disrupted interaction between the N- and C-terminal domains. <i>Journal of Molecular Endocrinology</i> , <b>2006</b> , 36, 361-8	4.5	44
94	Novel alpha7-like nicotinic acetylcholine receptor subunits in the nematode <i>Caenorhabditis elegans</i> . <i>Protein Science</i> , <b>2002</b> , 11, 1162-71	6.3	44
93	Phase 1/2 clinical trial of interferon alpha2b and weekly liposome-encapsulated all-trans retinoic acid in patients with advanced renal cell carcinoma. <i>Journal of Immunotherapy</i> , <b>2007</b> , 30, 655-62	5	43
92	Induction of autophagy is a key component of all-trans-retinoic acid-induced differentiation in leukemia cells and a potential target for pharmacologic modulation. <i>Experimental Hematology</i> , <b>2015</b> , 43, 781-93.e2	3.1	42
91	Up-regulation of genes involved in the insulin signalling pathway (IGF1, PTEN and IGFBP1) in the endometrium may link polycystic ovarian syndrome and endometrial cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 424, 94-101	4.4	41
90	Regulation of vascular endothelial growth factor in prostate cancer. <i>Endocrine-Related Cancer</i> , <b>2015</b> , 22, R107-23	5.7	40
89	Cyclin A1 and P450 Aromatase Promote Metastatic Homing and Growth of Stem-like Prostate Cancer Cells in the Bone Marrow. <i>Cancer Research</i> , <b>2016</b> , 76, 2453-64	10.1	38
88	Polycomb recruitment attenuates retinoic acid-induced transcription of the bivalent NR2F1 gene. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 6430-43	20.1	38
87	MiR137 is an androgen regulated repressor of an extended network of transcriptional coregulators. <i>Oncotarget</i> , <b>2015</b> , 6, 35710-25	3.3	38
86	Heterogeneity of tumour-infiltrating lymphocytes in breast cancer and its prognostic significance. <i>Histopathology</i> , <b>2018</b> , 73, 887-896	7.3	38
85	Overexpression of the cancer stem cell marker CD133 confers a poor prognosis in invasive breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2019</b> , 174, 387-399	4.4	33
84	Role of NADH Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex 4-Like 2 in Clear Cell Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2791-801	12.9	31
83	STAT5 induces miR-21 expression in cutaneous T cell lymphoma. <i>Oncotarget</i> , <b>2016</b> , 7, 45730-45744	3.3	31

82	Retinoid receptor signaling and autophagy in acute promyelocytic leukemia. <i>Experimental Cell Research</i> , <b>2014</b> , 324, 1-12	4.2	30
81	Metadherin: A Therapeutic Target in Multiple Cancers. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 349	5.3	28
80	Estrogen receptor- $\beta$ expression and pharmacological targeting in bladder cancer. <i>Oncology Reports</i> , <b>2013</b> , 30, 131-8	3.5	28
79	Reduced lecithin: retinol acyltransferase expression correlates with increased pathologic tumor stage in bladder cancer. <i>Clinical Cancer Research</i> , <b>2004</b> , 10, 3429-37	12.9	28
78	Targeted suppression of AR-V7 using PIP5K1 $\beta$ inhibitor overcomes enzalutamide resistance in prostate cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 63065-63081	3.3	28
77	Developmental aspects of androgen action. <i>Molecular and Cellular Endocrinology</i> , <b>2001</b> , 185, 33-41	4.4	27
76	An extensive and diverse gene family of nicotinic acetylcholine receptor alpha subunits in <i>Caenorhabditis elegans</i> . <i>Receptors and Channels</i> , <b>1998</b> , 6, 213-28		26
75	Expression of cyclin d1 and its association with disease characteristics in bladder cancer. <i>Anticancer Research</i> , <b>2013</b> , 33, 5235-42	2.3	25
74	Decreased expression of the human stem cell marker, Rex-1 (zfp-42), in renal cell carcinoma. <i>Carcinogenesis</i> , <b>2006</b> , 27, 499-507	4.6	24
73	Detection and analysis of RNA methylation. <i>F1000Research</i> , <b>2019</b> , 8,	3.6	24
72	CDK1 interacts with RAR $\beta$ and plays an important role in treatment response of acute myeloid leukemia. <i>Cell Cycle</i> , <b>2013</b> , 12, 1251-66	4.7	23
71	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. <i>Oncotarget</i> , <b>2017</b> , 8, 70496-70507	3.3	21
70	Genetics of Human and Canine Dilated Cardiomyopathy. <i>International Journal of Genomics</i> , <b>2015</b> , 2015, 204823	2.5	21
69	Phase I trial of ATRA-IV and Depakote in patients with advanced solid tumor malignancies. <i>Cancer Biology and Therapy</i> , <b>2010</b> , 9, 678-84	4.6	21
68	Clinical trial update and novel therapeutic approaches for metastatic prostate cancer. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 4440-53	4.3	20
67	Multiple Genetic Associations with Irish Wolfhound Dilated Cardiomyopathy. <i>BioMed Research International</i> , <b>2016</b> , 2016, 6374082	3	20
66	Two de novo mutations in the AR gene cause the complete androgen insensitivity syndrome in a pair of monozygotic twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 1057-61	5.6	19
65	The molecular mechanisms underlying reduced E-cadherin expression in invasive ductal carcinoma of the breast: high throughput analysis of large cohorts. <i>Modern Pathology</i> , <b>2019</b> , 32, 967-976	9.8	17

64	Immunosuppressive properties of cytochalasin B-induced membrane vesicles of mesenchymal stem cells: comparing with extracellular vesicles derived from mesenchymal stem cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 10740	4.9	16
63	Impact of breast cancer grade discordance on prediction of outcome. <i>Histopathology</i> , <b>2018</b> , 73, 904-915	7.3	15
62	A signature motif mediating selective interactions of BCL11A with the NR2E/F subfamily of orphan nuclear receptors. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 9663-79	20.1	15
61	Evidence that luteinising hormone receptor polymorphisms may contribute to male undermasculinisation. <i>European Journal of Endocrinology</i> , <b>2002</b> , 147, 103-7	6.5	14
60	Prognostic significance of KN motif and ankyrin repeat domains 1 (KANK1) in invasive breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2020</b> , 179, 349-357	4.4	14
59	All-trans retinoic acid (ATRA)-induced TFEB expression is required for myeloid differentiation in acute promyelocytic leukemia (APL). <i>European Journal of Haematology</i> , <b>2020</b> , 104, 236-250	3.8	14
58	A novel prognostic two-gene signature for triple negative breast cancer. <i>Modern Pathology</i> , <b>2020</b> , 33, 2208-2220	9.8	13
57	Five novel androgen receptor gene mutations associated with complete androgen insensitivity syndrome. <i>Human Mutation</i> , <b>2006</b> , 27, 291	4.7	13
56	A key genomic subtype associated with lymphovascular invasion in invasive breast cancer. <i>British Journal of Cancer</i> , <b>2019</b> , 120, 1129-1136	8.7	12
55	The role of PIP5K1 $\beta$ /pAKT and targeted inhibition of growth of subtypes of breast cancer using PIP5K1 $\beta$ inhibitor. <i>Oncogene</i> , <b>2019</b> , 38, 375-389	9.2	12
54	The androgen receptor and stem cell pathways in prostate and bladder cancers (review). <i>International Journal of Oncology</i> , <b>2012</b> , 40, 5-12	4.4	12
53	Elevated MMP9 expression in breast cancer is a predictor of shorter patient survival. <i>Breast Cancer Research and Treatment</i> , <b>2020</b> , 182, 267-282	4.4	12
52	Peri-conception and first trimester diet modifies reproductive development in bulls. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 703-720	1.8	12
51	Combined HER3-EGFR score in triple-negative breast cancer provides prognostic and predictive significance superior to individual biomarkers. <i>Scientific Reports</i> , <b>2020</b> , 10, 3009	4.9	11
50	A predictive model for canine dilated cardiomyopathy-a meta-analysis of Doberman Pinscher data. <i>PeerJ</i> , <b>2015</b> , 3, e842	3.1	11
49	Targetable ERBB2 mutation status is an independent marker of adverse prognosis in estrogen receptor positive, ERBB2 non-amplified primary lobular breast carcinoma: a retrospective in silico analysis of public datasets. <i>Breast Cancer Research</i> , <b>2020</b> , 22, 85	8.3	11
48	Sterol regulatory element binding protein-1 (SREBP1) gene expression is similarly increased in polycystic ovary syndrome and endometrial cancer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2017</b> , 96, 556-562	3.8	10
47	Promoter-dependent activity on androgen receptor N-terminal domain mutations in androgen insensitivity syndrome. <i>Sexual Development</i> , <b>2014</b> , 8, 339-49	1.6	10

46	Association of Aromatase With Bladder Cancer Stage and Long-Term Survival: New Insights Into the Hormonal Paradigm in Bladder Cancer. <i>Clinical Genitourinary Cancer</i> , <b>2017</b> , 15, 256-262.e1	3.3	10
45	Reduced neonatal mortality in Meishan piglets: a role for hepatic fatty acids?. <i>PLoS ONE</i> , <b>2012</b> , 7, e49101	3.7	10
44	Complete androgen insensitivity syndrome caused by a novel mutation in the ligand-binding domain of the androgen receptor: functional characterization. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 4378-82	5.6	10
43	The dog as an animal model for bladder and urethral urothelial carcinoma: Comparative epidemiology and histology. <i>Oncology Letters</i> , <b>2018</b> , 16, 1641-1649	2.6	9
42	The prognostic significance of wild-type isocitrate dehydrogenase 2 (IDH2) in breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2020</b> , 179, 79-90	4.4	8
41	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. <i>Placenta</i> , <b>2017</b> , 56, 79-85	3.4	7
40	Retinoid X receptor gamma (RXRG) is an independent prognostic biomarker in ER-positive invasive breast cancer. <i>British Journal of Cancer</i> , <b>2019</b> , 121, 776-785	8.7	7
39	Retroviral integrations contribute to elevated host cancer rates during germline invasion. <i>Nature Communications</i> , <b>2021</b> , 12, 1316	17.4	7
38	Predicting puberty in partial androgen insensitivity syndrome: Use of clinical and functional androgen receptor indices. <i>EBioMedicine</i> , <b>2018</b> , 36, 401-409	8.8	7
37	Lipidomic Biomarkers in Polycystic Ovary Syndrome and Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
36	Expression of NAD(P)H quinone dehydrogenase 1 (NQO1) is increased in the endometrium of women with endometrial cancer and women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , <b>2017</b> , 87, 557-565	3.4	6
35	Steroid receptor coactivator-3 glutamine repeat polymorphism and the androgen insensitivity syndrome. <i>European Journal of Endocrinology</i> , <b>2003</b> , 148, 277-9	6.5	6
34	Molecular Characterisation of Canine Osteosarcoma in High Risk Breeds. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
33	Genetic evidence to exclude the androgen receptor-polyglutamine associated coactivator, ARA-24, as a cause of male undermasculinisation. <i>European Journal of Endocrinology</i> , <b>2001</b> , 145, 809-11	6.5	5
32	Comparative pathology of dog and human prostate cancer. <i>Veterinary Medicine and Science</i> , <b>2021</b> ,	2.1	5
31	Heterodimers of photoreceptor-specific nuclear receptor (PNR/NR2E3) and peroxisome proliferator-activated receptor- $\alpha$ (PPAR $\alpha$ ) are disrupted by retinal disease-associated mutations. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2677	9.8	4
30	A Fibromyxoid Stromal Response is Associated with Muscle Invasion in Canine Urothelial Carcinoma. <i>Journal of Comparative Pathology</i> , <b>2019</b> , 169, 35-46	1	4
29	Utility of ankyrin 3 as a prognostic marker in androgen-receptor-positive breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2019</b> , 176, 63-73	4.4	4

28	Visual histological assessment of morphological features reflects the underlying molecular profile in invasive breast cancer: a morphomolecular study. <i>Histopathology</i> , <b>2020</b> , 77, 631-645	7.3	4
27	Clinicopathological and prognostic significance of Ras association and pleckstrin homology domains 1 (RAPH1) in breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2018</b> , 172, 61-68	4.4	4
26	CARM1 (PRMT4) Acts as a Transcriptional Coactivator during Retinoic Acid-Induced Embryonic Stem Cell Differentiation. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 4168-4182	6.5	4
25	The Expression of IL-21 Is Promoted by MEKK4 in Malignant T Cells and Associated with Increased Progression Risk in Cutaneous T-Cell Lymphoma. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 866-869	4.3	3
24	RAD50 deficiency is a predictor of platinum sensitivity in sporadic epithelial ovarian cancers.. <i>Molecular Biomedicine</i> , <b>2020</b> , 1, 19	3.1	3
23	Molecular characterization of adipose tissue in the African elephant ( <i>Loxodonta africana</i> ). <i>PLoS ONE</i> , <b>2014</b> , 9, e91717	3.7	3
22	The ITIM-Containing Receptor: Leukocyte-Associated Immunoglobulin-Like Receptor-1 (LAIR-1) Modulates Immune Response and Confers Poor Prognosis in Invasive Breast Carcinoma. <i>Cancers</i> , <b>2020</b> , 13,	6.6	3
21	Inhibition of UBE2L6 attenuates ISGylation and impedes ATRA-induced differentiation of leukemic cells. <i>Molecular Oncology</i> , <b>2020</b> , 14, 1297-1309	7.9	3
20	Histological and immunohistochemical investigation of canine prostate carcinoma with identification of common intraductal carcinoma component. <i>Veterinary and Comparative Oncology</i> , <b>2021</b> ,	2.5	3
19	Autophagy As a Target for Differentiation Therapy in Acute Myeloid Leukemia.. <i>Blood</i> , <b>2012</b> , 120, 2464-2464	2.4	2
18	Molecular disruption of DNA polymerase $\beta$ for platinum sensitisation and synthetic lethality in epithelial ovarian cancers. <i>Oncogene</i> , <b>2021</b> , 40, 2496-2508	9.2	2
17	Clinicopathological and Functional Evaluation Reveal NBS1 as a Predictor of Platinum Resistance in Epithelial Ovarian Cancers. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	2
16	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria. <i>Scientific Reports</i> , <b>2021</b> , 11, 1489	4.9	2
15	Association of L-type amino acid transporter 1 (LAT1) with the immune system and prognosis in invasive breast cancer.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2742	4.9	2
14	Ubiquitin-conjugating enzyme 2C (UBE2C) is a poor prognostic biomarker in invasive breast cancer.. <i>Breast Cancer Research and Treatment</i> , <b>2022</b> , 192, 529	4.4	1
13	Untangling the clinicopathological significance of MRE11-RAD50-NBS1 complex in sporadic breast cancers. <i>Npj Breast Cancer</i> , <b>2021</b> , 7, 143	7.8	1
12	Ligase 1 is a predictor of platinum resistance and its blockade is synthetically lethal in XRCC1 deficient epithelial ovarian cancers. <i>Theranostics</i> , <b>2021</b> , 11, 8350-8361	12.1	1
11	PIP5K1 $\beta$ s Required for Promoting Tumor Progression in Castration-Resistant Prostate Cancer.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 798590	5.7	1

10	Lentiviral-Mediated shRNA Approaches: Applications in Cellular Differentiation and Autophagy. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2019, 33-49	1.4	○
9	Endothelial Cell RNA-Seq Data: Differential Expression and Functional Enrichment Analyses to Study Phenotypic Switching.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2441, 369-426	1.4	○
8	The Cell Cycle and Androgen Signaling Interactions in Prostate Cancer. <i>Molecular Pathology Library</i> , <b>2018</b> , 381-404		○
7	Immunohistochemical Characterisation of GLUT1, MMP3 and NRF2 in Osteosarcoma. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 704598	3.1	○
6	Assessment of proliferation in breast cancer: cell cycle or mitosis? An observational study. <i>Histopathology</i> , <b>2021</b> , 79, 1087-1098	7.3	○
5	All-Trans Retinoic Acid Combined With Valproic Acid Can Promote Differentiation in Myeloid Leukemia Cells by an Autophagy Dependent Mechanism.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 848517	5.3	○
4	Two zinc finger proteins with functions in mRNA writing interact with HAKAI.. <i>Nature Communications</i> , <b>2022</b> , 13, 1127	17.4	○
3	The Functional Link Between CDK1 and Retinoic Acid Receptor (RAR) in Response to Treatment with All-Trans Retinoic Acid. <i>Blood</i> , <b>2011</b> , 118, 2485-2485	2.2	
2	Heterochromatin Modulation and PCG Control of Gene Expression Mediated by Noncoding RNA in Cancer <b>2018</b> , 359-372		
1	The influence of androgen receptor polymorphisms on the development of prostate disease in Rottweilers 541-541		