Nigel Mongan

List of Publications by Year in descending order

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122 papers 5,525 citations

38 h-index 91828 69 g-index

123 all docs

123
docs citations

times ranked

123

10823 citing authors

#	Article	IF	Citations
1	m6A potentiates Sxl alternative pre-mRNA splicing for robust Drosophila sex determination. Nature, 2016, 540, 301-304.	13.7	489
2	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. Stem Cells and Development, 2009, 18, 1093-1108.	1.1	375
3	Identification of factors required for m ⁶ A mRNA methylation in <i>Arabidopsis</i> reveals a role for the conserved E3 ubiquitin ligase HAKAI. New Phytologist, 2017, 215, 157-172.	3.5	301
4	Role of androgen receptor and associated lysineâ€demethylase coregulators, LSD1 and JMJD2A, in localized and advanced human bladder cancer. Molecular Carcinogenesis, 2011, 50, 931-944.	1.3	206
5	TP53 copy number expansion is associated with the evolution of increased body size and an enhanced DNA damage response in elephants. ELife, 2016, 5, .	2.8	191
6	Increased Expression of the Polycomb Group Gene, EZH2, in Transitional Cell Carcinoma of the Bladder. Clinical Cancer Research, 2005, 11, 8570-8576.	3.2	184
7	Mutations in ZMYND10, a Gene Essential for Proper Axonemal Assembly of Inner and Outer Dynein Arms in Humans and Flies, Cause Primary Ciliary Dyskinesia. American Journal of Human Genetics, 2013, 93, 346-356.	2.6	167
8	Diverse actions of retinoid receptors in cancer prevention and treatment. Differentiation, 2007, 75, 853-870.	1.0	166
9	Androgen receptor expression is inversely correlated with pathologic tumor stage in bladder cancer. Urology, 2004, 64, 383-388.	0.5	165
10	Androgen Receptor Gene CAG Repeat Polymorphism in the Development of Ovarian Hyperandrogenism. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3333-3338.	1.8	163
11	Androgen insensitivity syndrome. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 569-580.	2.2	151
12	Malignant inflammation in cutaneous Tâ€cell lymphomaâ€"a hostile takeover. Seminars in Immunopathology, 2017, 39, 269-282.	2.8	110
13	Overcoming Drug Resistance and Treating Advanced Prostate Cancer. Current Drug Targets, 2012, 13, 1308-1323.	1.0	94
14	Expression of VEGF and its receptors VEGFR1/VEGFR2 is associated with invasiveness of bladder cancer. Anticancer Research, 2013, 33, 2381-90.	0.5	90
15	The lysine specific demethylaseâ€1 (LSD1/KDM1A) regulates VEGFâ€A expression in prostate cancer. Molecular Oncology, 2013, 7, 555-566.	2.1	87
16	Staphylococcal enterotoxin A (SEA) stimulates STAT3 activation and IL-17 expression in cutaneous T-cell lymphoma. Blood, 2016, 127, 1287-1296.	0.6	86
17	Valproic acid, in combination with all- <i>trans</i> retinoic acid and 5-aza-2′-deoxycytidine, restores expression of silenced <i>RARβ2</i> in breast cancer cells. Molecular Cancer Therapeutics, 2005, 4, 477-486.	1.9	78
18	The role of HIF1α in renal cell carcinoma tumorigenesis. Journal of Molecular Medicine, 2014, 92, 825-836.	1.7	78

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19	Jak3, STAT3, and STAT5 inhibit expression of miR-22, a novel tumor suppressor microRNA, in cutaneous T-Cell lymphoma. Oncotarget, 2015, 6, 20555-20569.	0.8	78
20	Role of loop D of the $\hat{l}\pm7$ nicotinic acetylcholine receptor in its interaction with the insecticide imidacloprid and related neonicotinoids. British Journal of Pharmacology, 2000, 130, 981-986.	2.7	66
21	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. Molecular and Cellular Endocrinology, 2016, 424, 94-101.	1.6	63
22	Heterogeneity of tumourâ€infiltrating lymphocytes in breast cancer and its prognostic significance. Histopathology, 2018, 73, 887-896.	1.6	62
23	Elevated MMP9 expression in breast cancer is a predictor of shorter patient survival. Breast Cancer Research and Treatment, 2020, 182, 267-282.	1.1	58
24	Anthelmintic actions on homomer-forming nicotinic acetylcholine receptor subunits: chicken $\hat{l}\pm7$ and ACR-16 from the nematode Caenorhabditis elegans. Neuroscience, 2000, 101, 785-791.	1.1	55
25	Metadherin: A Therapeutic Target in Multiple Cancers. Frontiers in Oncology, 2019, 9, 349.	1.3	55
26	The putative human stem cell marker, Rex-1 (Zfp42): Structural classification and expression in normal human epithelial and carcinoma cell cultures. Molecular Carcinogenesis, 2006, 45, 887-900.	1.3	54
27	Overexpression of the cancer stem cell marker CD133 confers a poor prognosis in invasive breast cancer. Breast Cancer Research and Treatment, 2019, 174, 387-399.	1.1	53
28	Role of NADH Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex 4-Like 2 in Clear Cell Renal Cell Carcinoma. Clinical Cancer Research, 2016, 22, 2791-2801.	3.2	51
29	Novel $\hat{l}\pm7$ -like nicotinic acetylcholine receptor subunits in the nematodeCaenorhabditis elegans. Protein Science, 2002, 11, 1162-1171.	3.1	50
30	Phase 1/2 Clinical Trial of Interferon î±2b and Weekly Liposome-encapsulated All-trans Retinoic Acid in Patients With Advanced Renal Cell Carcinoma. Journal of Immunotherapy, 2007, 30, 655-662.	1.2	49
31	Induction of autophagy is a key component of all-trans-retinoic acid-induced differentiation in leukemia cells and a potential target for pharmacologic modulation. Experimental Hematology, 2015, 43, 781-793.e2.	0.2	49
32	Human androgen receptor gene ligand-binding-domain mutations leading to disrupted interaction between the N- and C-terminal domains. Journal of Molecular Endocrinology, 2006, 36, 361-368.	1.1	48
33	Regulation of vascular endothelial growth factor in prostate cancer. Endocrine-Related Cancer, 2015, 22, R107-R123.	1.6	47
34	Cyclin A1 and P450 Aromatase Promote Metastatic Homing and Growth of Stem-like Prostate Cancer Cells in the Bone Marrow. Cancer Research, 2016, 76, 2453-2464.	0.4	47
35	Polycomb recruitment attenuates retinoic acid–induced transcription of the bivalent NR2F1 gene. Nucleic Acids Research, 2013, 41, 6430-6443.	6.5	45
36	STAT5 induces miR-21 expression in cutaneous T cell lymphoma. Oncotarget, 2016, 7, 45730-45744.	0.8	45

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37	MiR137is an androgen regulated repressor of an extended network of transcriptional coregulators. Oncotarget, 2015, 6, 35710-35725.	0.8	45
38	The molecular mechanisms underlying reduced E-cadherin expression in invasive ductal carcinoma of the breast: high throughput analysis of large cohorts. Modern Pathology, 2019, 32, 967-976.	2.9	41
39	Targeted suppression of AR-V7 using PIP5K1 \hat{l} ± inhibitor overcomes enzalutamide resistance in prostate cancer cells. Oncotarget, 2016, 7, 63065-63081.	0.8	38
40	Retinoid receptor signaling and autophagy in acute promyelocytic leukemia. Experimental Cell Research, 2014, 324, 1-12.	1.2	37
41	Reduced Lecithin. Clinical Cancer Research, 2004, 10, 3429-3437.	3.2	36
42	Detection and analysis of RNA methylation. F1000Research, 2019, 8, 559.	0.8	36
43	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. Oncotarget, 2017, 8, 70496-70507.	0.8	35
44	Immunosuppressive properties of cytochalasin B-induced membrane vesicles of mesenchymal stem cells: comparing with extracellular vesicles derived from mesenchymal stem cells. Scientific Reports, 2020, 10, 10740.	1.6	34
45	Combined HER3-EGFR score in triple-negative breast cancer provides prognostic and predictive significance superior to individual biomarkers. Scientific Reports, 2020, 10, 3009.	1.6	34
46	Genetics of Human and Canine Dilated Cardiomyopathy. International Journal of Genomics, 2015, 2015, 1-13.	0.8	33
47	Estrogen receptor- \hat{l}^2 expression and pharmacological targeting in bladder cancer. Oncology Reports, 2013, 30, 131-138.	1.2	32
48	Two zinc finger proteins with functions in m6A writing interact with HAKAI. Nature Communications, 2022, 13, 1127.	5.8	32
49	CDK1 interacts with RAR \hat{I}^3 and plays an important role in treatment response of acute myeloid leukemia. Cell Cycle, 2013, 12, 1251-1266.	1.3	31
50	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. Breast Cancer Research, 2020, 22, 85.	2.2	31
51	Expression of cyclin d1 and its association with disease characteristics in bladder cancer. Anticancer Research, 2013, 33, 5235-42.	0.5	30
52	The role of PIP5K1 $\hat{1}$ ±/pAKT and targeted inhibition of growth of subtypes of breast cancer using PIP5K1 $\hat{1}$ ± inhibitor. Oncogene, 2019, 38, 375-389.	2.6	29
53	Multiple Genetic Associations with Irish Wolfhound Dilated Cardiomyopathy. BioMed Research International, 2016, 2016, 1-14.	0.9	28
54	An extensive and diverse gene family of nicotinic acetylcholine receptor alpha subunits in Caenorhabditis elegans. Receptors and Channels, 1998, 6, 213-28.	1.1	28

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55	Developmental aspects of androgen action. Molecular and Cellular Endocrinology, 2001, 185, 33-41.	1.6	27
56	Decreased expression of the human stem cell marker, Rex-1 (zfp-42), in renal cell carcinoma. Carcinogenesis, 2006, 27, 499-507.	1.3	26
57	A key genomic subtype associated with lymphovascular invasion in invasive breast cancer. British Journal of Cancer, 2019, 120, 1129-1136.	2.9	25
58	Phase I trial of ATRA-IV and depakote in patients with advanced solid tumor malignancies. Cancer Biology and Therapy, 2010, 9, 678-684.	1.5	24
59	Impact of breast cancer grade discordance on prediction of outcome. Histopathology, 2018, 73, 904-915.	1.6	24
60	Clinical Trial Update and Novel Therapeutic Approaches for Metastatic Prostate Cancer. Current Medicinal Chemistry, 2011, 18, 4440-4453.	1.2	22
61	A novel prognostic two-gene signature for triple negative breast cancer. Modern Pathology, 2020, 33, 2208-2220.	2.9	22
62	Two <i>de Novo</i> Mutations in the AR Gene Cause the Complete Androgen Insensitivity Syndrome in a Pair of Monozygotic Twins. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1057-1061.	1.8	21
63	Allâ€ <i>trans</i> retinoic acid (ATRA)â€induced <i>TFEB</i> expression is required for myeloid differentiation in acute promyelocytic leukemia (APL). European Journal of Haematology, 2020, 104, 236-250.	1.1	21
64	A signature motif mediating selective interactions of BCL11A with the NR2E/F subfamily of orphan nuclear receptors. Nucleic Acids Research, 2013, 41, 9663-9679.	6.5	18
65	Sterol regulatory element binding proteinâ€1 (<i>SREBP1</i>) gene expression is similarly increased in polycystic ovary syndrome and endometrial cancer. Acta Obstetricia Et Gynecologica Scandinavica, 2017, 96, 556-562.	1.3	18
66	The prognostic significance of wild-type isocitrate dehydrogenase 2 (IDH2) in breast cancer. Breast Cancer Research and Treatment, 2020, 179, 79-90.	1.1	18
67	Prognostic significance of KN motif and ankyrin repeat domains 1 (KANK1) in invasive breast cancer. Breast Cancer Research and Treatment, 2020, 179, 349-357.	1.1	18
68	The dog as an animal model for bladder and urethral urothelial carcinoma: Comparative epidemiology and histology. Oncology Letters, 2018, 16, 1641-1649.	0.8	17
69	A predictive model for canine dilated cardiomyopathyâ€"a meta-analysis of Doberman Pinscher data. PeerJ, 2015, 3, e842.	0.9	17
70	Peri-conception and first trimester diet modifies reproductive development in bulls. Reproduction, Fertility and Development, 2018, 30, 703.	0.1	16
71	Retroviral integrations contribute to elevated host cancer rates during germline invasion. Nature Communications, 2021, 12, 1316.	5.8	16
72	Complete Androgen Insensitivity Syndrome Caused by a Novel Mutation in the Ligand-Binding Domain of the Androgen Receptor: Functional Characterization. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 4378-4382.	1.8	15

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73	The androgen receptor and stem cell pathways in prostate and bladder cancers (Review). International Journal of Oncology, 2012, 40, 5-12.	1.4	15
74	Reduced Neonatal Mortality in Meishan Piglets: A Role for Hepatic Fatty Acids?. PLoS ONE, 2012, 7, e49101.	1.1	15
75	Inhibition of UBE2L6 attenuates ISGylation and impedes ATRAâ€induced differentiation of leukemic cells. Molecular Oncology, 2020, 14, 1297-1309.	2.1	15
76	Lipidomic Biomarkers in Polycystic Ovary Syndrome and Endometrial Cancer. International Journal of Molecular Sciences, 2020, 21, 4753.	1.8	15
77	Visual histological assessment of morphological features reflects the underlying molecular profile in invasive breast cancer: a morphomolecular study. Histopathology, 2020, 77, 631-645.	1.6	15
78	Evidence that luteinising hormone receptor polymorphisms may contribute to male undermasculinisation. European Journal of Endocrinology, 2002, 147, 103-107.	1.9	14
79	Five novel androgen receptor gene mutations associated with complete androgen insensitivity syndrome. Human Mutation, 2006, 27, 291-291.	1.1	14
80	Expression of <scp>NAD</scp> (P)H quinone dehydrogenase 1 (<scp>NQO</scp> 1) is increased in the endometrium of women with endometrial cancer and women with polycystic ovary syndrome. Clinical Endocrinology, 2017, 87, 557-565.	1.2	14
81	Promoter-Dependent Activity on Androgen Receptor N-Terminal Domain Mutations in Androgen Insensitivity Syndrome. Sexual Development, 2014, 8, 339-349.	1.1	13
82	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria. Scientific Reports, 2021, 11, 1489.	1.6	13
83	Association of L-type amino acid transporter 1 (LAT1) with the immune system and prognosis in invasive breast cancer. Scientific Reports, 2022, 12, 2742.	1.6	13
84	Predicting puberty in partial androgen insensitivity syndrome: Use of clinical and functional androgen receptor indices. EBioMedicine, 2018, 36, 401-409.	2.7	12
85	Molecular Characterisation of Canine Osteosarcoma in High Risk Breeds. Cancers, 2020, 12, 2405.	1.7	12
86	Molecular disruption of DNA polymerase \hat{l}^2 for platinum sensitisation and synthetic lethality in epithelial ovarian cancers. Oncogene, 2021, 40, 2496-2508.	2.6	12
87	The ITIM-Containing Receptor: Leukocyte-Associated Immunoglobulin-Like Receptor-1 (LAIR-1) Modulates Immune Response and Confers Poor Prognosis in Invasive Breast Carcinoma. Cancers, 2021, 13, 80.	1.7	12
88	Association of Aromatase With Bladder Cancer Stage and Long-Term Survival: New Insights Into the Hormonal Paradigm in Bladder Cancer. Clinical Genitourinary Cancer, 2017, 15, 256-262.e1.	0.9	11
89	Assessment of proliferation in breast cancer: cell cycle or mitosis? An observational study. Histopathology, 2021, 79, 1087-1098.	1.6	11
90	Comparative pathology of dog and human prostate cancer. Veterinary Medicine and Science, 2022, 8, 110-120.	0.6	11

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91	Ubiquitin-conjugating enzyme 2C (UBE2C) is a poor prognostic biomarker in invasive breast cancer. Breast Cancer Research and Treatment, 2022, 192, 529-539.	1.1	11
92	Clinicopathological and prognostic significance of Ras association and pleckstrin homology domains 1 (RAPH1) in breast cancer. Breast Cancer Research and Treatment, 2018, 172, 61-68.	1.1	10
93	Retinoid X receptor gamma (RXRG) is an independent prognostic biomarker in ER-positive invasive breast cancer. British Journal of Cancer, 2019, 121, 776-785.	2.9	10
94	Ligase 1 is a predictor of platinum resistance and its blockade is synthetically lethal in XRCC1 deficient epithelial ovarian cancers. Theranostics, 2021, 11, 8350-8361.	4.6	10
95	CARM1 (PRMT4) Acts as a Transcriptional Coactivator during Retinoic Acid-Induced Embryonic Stem Cell Differentiation. Journal of Molecular Biology, 2018, 430, 4168-4182.	2.0	9
96	The characteristics and clinical significance of atypical mitosis in breast cancer. Modern Pathology, 2022, 35, 1341-1348.	2.9	9
97	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. Placenta, 2017, 56, 79-85.	0.7	8
98	RAD50 deficiency is a predictor of platinum sensitivity in sporadic epithelial ovarian cancers. Molecular Biomedicine, 2020, 1, 19.	1.7	8
99	Untangling the clinicopathological significance of MRE11-RAD50-NBS1 complex in sporadic breast cancers. Npj Breast Cancer, 2021, 7, 143.	2.3	8
100	Steroid receptor coactivator-3 glutamine repeat polymorphism and the androgen insensitivity syndrome. European Journal of Endocrinology, 2003, 148, 277-279.	1.9	7
101	Utility of ankyrin 3 as a prognostic marker in androgen-receptor-positive breast cancer. Breast Cancer Research and Treatment, 2019, 176, 63-73.	1.1	7
102	Two de Novo Mutations in the AR Gene Cause the Complete Androgen Insensitivity Syndrome in a Pair of Monozygotic Twins. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1057-1061.	1.8	7
103	Heterodimers of photoreceptor-specific nuclear receptor (PNR/NR2E3) and peroxisome proliferator-activated receptor- \hat{I}^3 (PPAR \hat{I}^3) are disrupted by retinal disease-associated mutations. Cell Death and Disease, 2017, 8, e2677-e2677.	2.7	6
104	A Fibromyxoid Stromal Response is Associated with Muscle Invasion in Canine Urothelial Carcinoma. Journal of Comparative Pathology, 2019, 169, 35-46.	0.1	6
105	Genetic evidence to exclude the androgen receptor-polyglutamine associated coactivator, ARA-24, as a cause of male undermasculinisation. European Journal of Endocrinology, 2001, 145, 809-811.	1.9	5
106	Clinicopathological and Functional Evaluation Reveal NBS1 as a Predictor of Platinum Resistance in Epithelial Ovarian Cancers. Biomedicines, 2021, 9, 56.	1.4	5
107	Histological and immunohistochemical investigation of canine prostate carcinoma with identification of common intraductal carcinoma component. Veterinary and Comparative Oncology, 2022, 20, 38-49.	0.8	5
108	$PIP5K1\hat{1}\pm$ is Required for Promoting Tumor Progression in Castration-Resistant Prostate Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 798590.	1.8	5

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109	The Expression of IL-21 Is Promoted by MEKK4 in Malignant T Cells and Associated with Increased Progression Risk in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2016, 136, 866-869.	0.3	4
110	Molecular Characterization of Adipose Tissue in the African Elephant (Loxodonta africana). PLoS ONE, 2014, 9, e91717.	1.1	3
111	All-Trans-Retinoic Acid Combined With Valproic Acid Can Promote Differentiation in Myeloid Leukemia Cells by an Autophagy Dependent Mechanism. Frontiers in Oncology, 2022, 12, 848517.	1.3	3
112	Immunohistochemical Characterisation of GLUT1, MMP3 and NRF2 in Osteosarcoma. Frontiers in Veterinary Science, 2021, 8, 704598.	0.9	2
113	Autophagy As a Target for Differentiation Therapy in Acute Myeloid Leukemia Blood, 2012, 120, 2464-2464.	0.6	2
114	Understanding mechanisms of disease development: Next generation pathology?. Veterinary Journal, 2015, 204, 1-2.	0.6	1
115	Lentiviral-Mediated shRNA Approaches: Applications in Cellular Differentiation and Autophagy. Methods in Molecular Biology, 2019, 2019, 33-49.	0.4	1
116	The Cell Cycle and Androgen Signaling Interactions in Prostate Cancer. Molecular Pathology Library, 2018, , 381-404.	0.1	1
117	Endothelial Cell RNA-Seq Data: Differential Expression and Functional Enrichment Analyses to Study Phenotypic Switching. Methods in Molecular Biology, 2022, 2441, 369-426.	0.4	1
118	Prognostic significance of heat shock protein 90AA1 (HSP90 \hat{l}_{\pm}) in invasive breast cancer. Journal of Clinical Pathology, 2022, 75, 263-269.	1.0	1
119	Heterochromatin Modulation and PCG Control of Gene Expression Mediated by Noncoding RNA in Cancer. , 2018, , 359-372.		0
120	The Functional Link Between CDK1 and Retinoic Acid Receptor \hat{l}^3 (RAR \hat{l}^3) in Response to Treatment with All-Trans Retinoic Acid. Blood, 2011, 118, 2485-2485.	0.6	0
121	Fc \hat{l}^3 RIIIa receptor interacts with androgen receptor and PIP5K1 \hat{l}^\pm to promote growth and metastasis of prostate cancer. Molecular Oncology, 2022, 16, 2496-2517.	2.1	0
122	The influence of androgen receptor polymorphisms on the development of cruciate disease in Rottweilers., 0,, 541-541.		0