

# Peter Jordan

## List of Publications by Year in descending order

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78  
papers

3,456  
citations

126907

33  
h-index

144013

57  
g-index

79  
all docs

79  
docs citations

79  
times ranked

4578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms involved in cisplatin cytotoxicity. Cellular and Molecular Life Sciences, 2000, 57, 1229-1235.	5.4	321
2	Targeting of adenovirus E1A and E4-ORF3 proteins to nuclear matrix-associated PML bodies.. Journal of Cell Biology, 1995, 131, 45-56.	5.2	271
3	WNK kinases, a novel protein kinase subfamily in multi-cellular organisms. Oncogene, 2001, 20, 5562-5569.	5.9	231
4	Cloning of a novel human Rac1b splice variant with increased expression in colorectal tumors. Oncogene, 1999, 18, 6835-6839.	5.9	221
5	In vivo evidence that TATA-binding protein/SL1 colocalizes with UBF and RNA polymerase I when rRNA synthesis is either active or inactive.. Journal of Cell Biology, 1996, 133, 225-234.	5.2	140
6	PCR amplification introduces errors into mononucleotide and dinucleotide repeat sequences. Journal of Clinical Pathology, 2001, 54, 351-353.	1.9	122
7	Cisplatin inhibits synthesis of ribosomal RNA in vivo. Nucleic Acids Research, 1998, 26, 2831-2836.	14.5	119
8	Tumor-related Alternatively Spliced Rac1b Is Not Regulated by Rho-GDP Dissociation Inhibitors and Exhibits Selective Downstream Signaling. Journal of Biological Chemistry, 2003, 278, 50442-50448.	3.4	112
9	Antagonistic SR proteins regulate alternative splicing of tumor-related Rac1b downstream of the PI3-kinase and Wnt pathways. Human Molecular Genetics, 2009, 18, 3696-3707.	2.9	97
10	Phosphorylation of SRSF1 by SRPK1 regulates alternative splicing of tumor-related Rac1b in colorectal cells. Rna, 2014, 20, 474-482.	3.5	83
11	Emerging roles for WNK kinases in cancer. Cellular and Molecular Life Sciences, 2010, 67, 1265-1276.	5.4	75
12	Protein kinase WNK2 inhibits cell proliferation by negatively modulating the activation of MEK1/ERK1/2. Oncogene, 2007, 26, 6071-6081.	5.9	73
13	Regulatory Crosstalk by Protein Kinases on CFTR Trafficking and Activity. Frontiers in Chemistry, 2016, 4, 1.	3.6	73
14	Morphological and ultrastructural effects of microcystin-LR from Microcystis aeruginosa extract on a kidney cell line. Toxicol, 2009, 54, 283-294.	1.6	66
15	B-RafV600E Cooperates With Alternative Spliced Rac1b to Sustain Colorectal Cancer Cell Survival. Gastroenterology, 2008, 135, 899-906.	1.3	65
16	Extraction of proteins from material rich in anionic mucilages: Partition and fractionation of vanadate-dependent bromoperoxidases from the brown algae Laminaria digitata and L. saccharina in aqueous polymer two-phase systems. Biochimica Et Biophysica Acta - General Subjects, 1991, 1073, 98-106.	2.4	62
17	Expression of Rac1b stimulates NF- $\kappa$ B-mediated cell survival and G1/S progression. Experimental Cell Research, 2005, 305, 292-299.	2.6	58
18	Increased Rac1b Expression Sustains Colorectal Tumor Cell Survival. Molecular Cancer Research, 2008, 6, 1178-1184.	3.4	58

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19	The $\beta$ -catenin/TCF4 pathway modifies alternative splicing through modulation of SRp20 expression. <i>Rna</i> , 2008, 14, 2538-2549.	3.5	57
20	Small GTPase Rac1: Structure, Localization, and Expression of the Human Gene. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 741-751.	2.1	56
21	Major Cell Surface-Located Protein Substrates of an Ecto-Protein Kinase Are Homologs of Known Nuclear Proteins. <i>Biochemistry</i> , 1994, 33, 14696-14706.	2.5	54
22	Signaling Pathways Driving Aberrant Splicing in Cancer Cells. <i>Genes</i> , 2018, 9, 9.	2.4	53
23	Comparative study of the cytotoxic effect of microcystin-LR and purified extracts from <i>Microcystis aeruginosa</i> on a kidney cell line. <i>Toxicol</i> , 2009, 53, 487-495.	1.6	44
24	Microcystin-LR activates the ERK1/2 kinases and stimulates the proliferation of the monkey kidney-derived cell line Vero-E6. <i>Toxicology in Vitro</i> , 2010, 24, 1689-1695.	2.4	44
25	Loss of WNK2 expression by promoter gene methylation occurs in adult gliomas and triggers Rac1-mediated tumour cell invasiveness. <i>Human Molecular Genetics</i> , 2013, 22, 84-95.	2.9	44
26	Rac1, but Not Rac1B, Stimulates RelB-mediated Gene Transcription in Colorectal Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 13724-13732.	3.4	42
27	Therapeutic strategies based on modified U1 snRNAs and chaperones for Sanfilippo C splicing mutations. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 180.	2.7	42
28	The third dimension: new developments in cell culture models for colorectal research. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3971-3989.	5.4	40
29	Contribution of Casein Kinase 2 and Spleen Tyrosine Kinase to CFTR Trafficking and Protein Kinase A-Induced Activity. <i>Molecular and Cellular Biology</i> , 2011, 31, 4392-4404.	2.3	39
30	Antagonistic Regulation of Cystic Fibrosis Transmembrane Conductance Regulator Cell Surface Expression by Protein Kinases WNK4 and Spleen Tyrosine Kinase. <i>Molecular and Cellular Biology</i> , 2011, 31, 4076-4086.	2.3	39
31	Posttranscriptional Regulation of Splicing Factor SRSF1 and Its Role in Cancer Cell Biology. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	39
32	WNK2 modulates MEK1 activity through the Rho GTPase pathway. <i>Cellular Signalling</i> , 2008, 20, 1762-1768.	3.6	38
33	Protein kinase WNK3 increases cell survival in a caspase-3-dependent pathway. <i>Oncogene</i> , 2006, 25, 4172-4182.	5.9	37
34	Ibuprofen Inhibits Colitis-Induced Overexpression of Tumor-Related Rac1b. <i>Neoplasia</i> , 2013, 15, 102-111.	5.3	31
35	Alternative Splicing: Expanding the Landscape of Cancer Biomarkers and Therapeutics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9032.	4.1	28
36	Mixed lineage kinase 3 gene mutations in mismatch repair deficient gastrointestinal tumours. <i>Human Molecular Genetics</i> , 2010, 19, 697-706.	2.9	26

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37	Protein Kinase WNK1 Promotes Cell Surface Expression of Glucose Transporter GLUT1 by Regulating a Tre-2/USP6-BUB2-Cdc16 Domain Family Member 4 (TBC1D4)-Rab8A Complex. <i>Journal of Biological Chemistry</i> , 2010, 285, 39117-39126.	3.4	25
38	Prolonged co-treatment with HGF sustains epithelial integrity and improves pharmacological rescue of Phe508del-CFTR. <i>Scientific Reports</i> , 2018, 8, 13026.	3.3	23
39	Rac1 Signaling Modulates BCL-6-Mediated Repression of Gene Transcription. <i>Molecular and Cellular Biology</i> , 2009, 29, 4156-4166.	2.3	22
40	Cytotoxicity and genotoxicity of MWCNT-7 and crocidolite: assessment in alveolar epithelial cells <i>versus</i> their coculture with monocyte-derived macrophages. <i>Nanotoxicology</i> , 2020, 14, 479-503.	3.0	22
41	A missense mutation in the APC tumor suppressor gene disrupts an ASF/SF2 splicing enhancer motif and causes pathogenic skipping of exon 14. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 662, 33-36.	1.0	21
42	Silencing of WNK2 is associated with upregulation of MMP2 and JNK in gliomas. <i>Oncotarget</i> , 2015, 6, 1422-1434.	1.8	21
43	Beyond Cox-Inhibition: â€™Side-Effectsâ€™™ of Ibuprofen on Neoplastic Development and Progression. <i>Current Pharmaceutical Design</i> , 2015, 21, 2978-2982.	1.9	21
44	Expression of tumor-related Rac1b antagonizes B-Raf-induced senescence in colorectal cells. <i>Cancer Letters</i> , 2015, 369, 368-375.	7.2	19
45	The Topography of Chromosomes and Genes in the Nucleus. <i>Experimental Cell Research</i> , 1996, 229, 247-252.	2.6	18
46	Detection of Vanadate-Dependent Bromoperoxidases in Protoplasts from the Brown Algae <i>Laminaria digitata</i> and <i>L. saccharina</i> . <i>Journal of Plant Physiology</i> , 1991, 137, 520-524.	3.5	17
47	Transcription initiation arising from E-cadherin/CDH1 intron2: a novel protein isoform that increases gastric cancer cell invasion and angiogenesisâ€™. <i>Human Molecular Genetics</i> , 2012, 21, 4253-4269.	2.9	16
48	Mobilization of diacylglycerol in intact HeLa cells by exogenous phospholipase C from <i>Cl. perfringens</i> is accompanied by release of fatty acids including arachidonic acid. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1137, 82-94.	4.1	15
49	The Rac1 splice form Rac1b favors mouse colonic mucosa regeneration and contributes to intestinal cancer progression. <i>Oncogene</i> , 2018, 37, 6054-6068.	5.9	14
50	Pathological exon skipping in an HNPCC proband with MLH1 splice acceptor site mutation. <i>Genes Chromosomes and Cancer</i> , 2000, 29, 367-370.	2.8	13
51	Rac1 signalling modulates a STAT5/BCL-6 transcriptional switch on cell-cycle-associated target gene promoters. <i>Nucleic Acids Research</i> , 2012, 40, 7776-7787.	14.5	13
52	Functional analysis of splicing mutations in the IDS gene and the use of antisense oligonucleotides to exploit an alternative therapy for MPS II. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2712-2721.	3.8	13
53	Unmasking the role of <i>KRAS</i> and <i>BRAF</i> pathways in MSI colorectal tumors. <i>Expert Review of Gastroenterology and Hepatology</i> , 2009, 3, 5-9.	3.0	12
54	A WNK4 gene variant relates to osteoporosis and not to hypertension in the Portuguese population. <i>Molecular Genetics and Metabolism</i> , 2011, 102, 465-469.	1.1	12

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55	WNK1 phosphorylation sites in TBC1D1 and TBC1D4 modulate cell surface expression of GLUT1. Archives of Biochemistry and Biophysics, 2020, 679, 108223.	3.0	12
56	Native bromoperoxidases do not bind to nitrocellulose: Use of DEAE-cellulose as an alternative in blotting. Electrophoresis, 1990, 11, 653-655.	2.4	10
57	Autoimmune diseases: nuclear autoantigens can be found at the cell-surface. Molecular Biology Reports, 1996, 22, 63-66.	2.3	9
58	Networks of mRNA Processing and Alternative Splicing Regulation in Health and Disease. Advances in Experimental Medicine and Biology, 2019, 1157, 1-27.	1.6	9
59	Network Biology Identifies Novel Regulators of CFTR Trafficking and Membrane Stability. Frontiers in Pharmacology, 2019, 10, 619.	3.5	9
60	Three-way translocation involves MLL, MLLT3, and a novel cell cycle control gene, FLJ10374, in the pathogenesis of acute myeloid leukemia with t(9;11;19)(p22;q23;p13.3). Genes Chromosomes and Cancer, 2006, 45, 455-469.	2.8	8
61	Targeting the serrated pathway of colorectal cancer with mutation in BRAF. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1866, 51-63.	7.4	8
62	Ibuprofen disrupts a WNK1/GSK3 <sup>β</sup> /SRPK1 protein complex required for expression of tumor-related splicing variant RAC1B in colorectal cells. Oncotarget, 2020, 11, 4421-4437.	1.8	8
63	Cell type specificity in alternative splicing of the human mismatch repair gene hMSH2. European Journal of Human Genetics, 2000, 8, 347-352.	2.8	7
64	Tyrosine phosphorylation modulates cell surface expression of chloride cotransporters NKCC2 and KCC3. Archives of Biochemistry and Biophysics, 2019, 669, 61-70.	3.0	7
65	Three-way translocation (X;20;16)(p11;q13;q23) in essential thrombocythemia implicates <i>NFATC2</i> in dysregulation of <i>CSF2</i> expression and megakaryocyte proliferation. Genes Chromosomes and Cancer, 2012, 51, 1093-1108.	2.8	6
66	Data in support of a functional analysis of splicing mutations in the IDS gene and the use of antisense oligonucleotides to exploit an alternative therapy for MPS II. Data in Brief, 2015, 5, 810-817.	1.0	6
67	Posttranscriptional Regulation and RNA Binding Proteins in Cancer Biology. BioMed Research International, 2015, 2015, 1-2.	1.9	6
68	Targeting Colon Cancers with Mutated BRAF and Microsatellite Instability. Advances in Experimental Medicine and Biology, 2018, 1110, 7-21.	1.6	6
69	Pro-Inflammatory Cytokines Trigger the Overexpression of Tumour-Related Splice Variant RAC1B in Polarized Colorectal Cells. Cancers, 2022, 14, 1393.	3.7	5
70	Gene Cloning at the Computer Screen: Possibilities and Problems. Biochemical and Biophysical Research Communications, 2000, 279, 741-743.	2.1	4
71	WNK2 Inhibits Autophagic Flux in Human Glioblastoma Cell Line. Cells, 2020, 9, 485.	4.1	4
72	A Signaling View into the Inflammatory Tumor Microenvironment. Immuno, 2021, 1, 91-118.	1.5	4

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73	Combined Molecular Diagnosis of B-cell Lymphomas With t(11;14)(q13;q32) or t(14;18)(q32;q21) Using Multiplex- and Long Distance Inverse-Polymerase Chain Reaction. <i>Diagnostic Molecular Pathology</i> , 2008, 17, 73-81.	2.1	3
74	A SYK/SHC1 pathway regulates the amount of CFTR in the plasma membrane. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4997-5015.	5.4	3
75	Treatment of Polarized Cystic Fibrosis Airway Cells With HGF Prevents VX-661-Rescued F508del-CFTR Destabilization Caused by Prolonged Co-exposure to VX-770. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 812101.	3.5	3
76	Colorectal Cancer Subtypes – The Current Portrait. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1110, 1-6.	1.6	2
77	Regulation of glucose transporters by protein kinases in cancer cells. <i>Annals of Oncology</i> , 2017, 28, v10-v11.	1.2	0
78	Targeting Cancer by Using Nanoparticles to Modulate RHO GTPase Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1357, 115-127.	1.6	0