David M Virshup

List of Publications by Year
in descending order

182 papers	15,767 citations	15504 65 h-index	18647 119 g-index
196 all docs	196 docs citations	196 times ranked	15504 citing authors

#	Article	IF	Citations
1	An h <i>Per2</i> Phosphorylation Site Mutation in Familial Advanced Sleep Phase Syndrome. Science, 2001, 291, 1040-1043.	12.6	1,339
2	Post-translational modifications regulate the ticking of the circadian clock. Nature Reviews Molecular Cell Biology, 2007, 8, 139-148.	37.0	732
3	From Promiscuity to Precision: Protein Phosphatases Get a Makeover. Molecular Cell, 2009, 33, 537-545.	9.7	562
4	Control of Mammalian Circadian Rhythm by CKIÎµ-Regulated Proteasome-Mediated PER2 Degradation. Molecular and Cellular Biology, 2005, 25, 2795-2807.	2.3	440
5	Regulation of -Catenin Signaling by the B56 Subunit of Protein Phosphatase 2A. Science, 1999, 283, 2089-2091.	12.6	407
6	The B56 Family of Protein Phosphatase 2A (PP2A) Regulatory Subunits Encodes Differentiation-induced Phosphoproteins That Target PP2A to Both Nucleus and Cytoplasm. Journal of Biological Chemistry, 1996, 271, 22081-22089.	3.4	342
7	Setting Clock Speed in Mammals: The CK1É› tau Mutation in Mice Accelerates Circadian Pacemakers by Selectively Destabilizing PERIOD Proteins. Neuron, 2008, 58, 78-88.	8.1	342
8	Pharmacological Inhibition of the Wnt Acyltransferase PORCN Prevents Growth of WNT-Driven Mammary Cancer. Cancer Research, 2013, 73, 502-507.	0.9	315
9	Protein phosphatase 2A: a panoply of enzymes. Current Opinion in Cell Biology, 2000, 12, 180-185.	5.4	310
10	Stroma provides an intestinal stem cell niche in the absence of epithelial Wnts. Development (Cambridge), 2014, 141, 2206-2215.	2.5	286
11	Nuclear Entry of the Circadian Regulator mPER1 Is Controlled by Mammalian Casein Kinase I É›. Molecular and Cellular Biology, 2000, 20, 4888-4899.	2.3	265
12	Wnt addiction of genetically defined cancers reversed by PORCN inhibition. Oncogene, 2016, 35, 2197-2207.	5.9	257
13	The Circadian Regulatory Proteins BMAL1 and Cryptochromes Are Substrates of Casein Kinase IÎµ. Journal of Biological Chemistry, 2002, 277, 17248-17254.	3.4	255
14	<i>PDGFRÎ±</i> ^{<i>+</i>} pericryptal stromal cells are the critical source of Wnts and RSPO3 for murine intestinal stem cells in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3173-E3181.	7.1	232
15	Identification of cellular proteins required for simian virus 40 DNA replication. Journal of Biological Chemistry, 1989, 264, 2801-2809.	3.4	221
16	Casein kinase I phosphorylates and destabilizes the Â-catenin degradation complex. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1182-1187.	7.1	215
17	Identification of a New Family of Protein Phosphatase 2A Regulatory Subunits. Journal of Biological Chemistry, 1995, 270, 26123-26128.	3.4	211
18	Identification of cellular proteins required for simian virus 40 DNA replication. Journal of Biological Chemistry, 1989, 264, 2801-9.	3.4	205

#	Article	IF	Citations
19	Casein kinase 1: Complexity in the family. International Journal of Biochemistry and Cell Biology, 2011, 43, 465-469.	2.8	201
20	Role for the PP2A/B56Î´ Phosphatase in Regulating 14-3-3 Release from Cdc25 to Control Mitosis. Cell, 2006, 127, 759-773.	28.9	183
21	Reconstitution of simian virus 40 DNA replication with purified proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 8692-8696.	7.1	177
22	WLS-dependent secretion of WNT3A requires Ser209 acylation and vacuolar acidification. Journal of Cell Science, 2010, 123, 3357-3367.	2.0	170
23	Altered Twist1 and Hand2 dimerization is associated with Saethre-Chotzen syndrome and limb abnormalities. Nature Genetics, 2005, 37, 373-381.	21.4	169
24	A Conserved Docking Motif for CK1 Binding Controls the Nuclear Localization of NFAT1. Molecular and Cellular Biology, 2004, 24, 4184-4195.	2.3	168
25	An opposite role for tau in circadian rhythms revealed by mathematical modeling. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10618-10623.	7.1	163
26	Autoinhibition of Casein Kinase I Îµ (CKIÎµ) Is Relieved by Protein Phosphatases and Limited Proteolysis. Journal of Biological Chemistry, 1998, 273, 1357-1364.	3.4	155
27	Isolation and Characterization of Human Casein Kinase Iâˆ (CKI), a Novel Member of the CKI Gene Family. Journal of Biological Chemistry, 1995, 270, 14875-14883.	3.4	153
28	A Period2 Phosphoswitch Regulates and Temperature Compensates Circadian Period. Molecular Cell, 2015, 60, 77-88.	9.7	153
29	Wnt Signaling and Drug Resistance in Cancer. Molecular Pharmacology, 2020, 97, 72-89.	2.3	151
30	Protein serine/threonine phosphatases: life, death, and sleeping. Current Opinion in Cell Biology, 2005, 17, 197-202.	5.4	143
31	A uniform human Wnt expression library reveals a shared secretory pathway and unique signaling activities. Differentiation, 2012, 84, 203-213.	1.9	137
32	Protein phosphatase 2A and its B56 regulatory subunit inhibit Wnt signaling in Xenopus. EMBO Journal, 2001, 20, 4122-4131.	7.8	136
33	B56-Associated Protein Phosphatase 2A Is Required For Survival and Protects from Apoptosis in Drosophila melanogaster. Molecular and Cellular Biology, 2002, 22, 3674-3684.	2.3	130
34	Human casein kinase IÎ´ phosphorylation of human circadian clock proteins period 1 and 2. FEBS Letters, 2001, 489, 159-165.	2.8	126
35	Phosphorylation and destabilization of human period I clock protein by human casein kinase IÎµ. NeuroReport, 2000, 11, 951-955.	1.2	125
36	CK1Î´/Îµ protein kinase primes the PER2 circadian phosphoswitch. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5986-5991.	7.1	120

#	Article	IF	Citations
37	Protein phosphatase 1 regulates assembly and function of the Î²-catenin degradation complex. EMBO Journal, 2007, 26, 1511-1521.	7.8	119
38	Activation of SV40 DNA replication in vitro by cellular protein phosphatase 2A.. EMBO Journal, 1989, 8, 3891-3898.	7.8	115
39	Identification of Inhibitory Autophosphorylation Sites in Casein Kinase I Îµ. Journal of Biological Chemistry, 1999, 274, 32063-32070.	3.4	113
40	WLS Retrograde Transport to the Endoplasmic Reticulum during Wnt Secretion. Developmental Cell, 2014, 29, 277-291.	7.0	113
41	Different oligomeric forms of protein phosphatase 2A activate and inhibit simian virus 40 DNA replication.. Molecular and Cellular Biology, 1994, 14, 4616-4623.	2.3	106
42	Wnt/PCP controls spreading of Wnt/Î²-catenin signals by cytonemes in vertebrates. ELife, 2018, 7, .	6.0	106
43	BUBR1 recruits PP2A via the B56 family of targeting subunits to promote chromosome congression. Biology Open, 2013, 2, 479-486.	1.2	105
44	PKA, PKC, and the Protein Phosphatase 2A Influence HAND Factor Function. Molecular Cell, 2003, 12, 1225-1237.	9.7	103
45	Regulation of Casein Kinase I Îµ and Casein Kinase I Î´ by anin Vivo Futile Phosphorylation Cycle. Journal of Biological Chemistry, 1998, 273, 15980-15984.	3.4	102
46	Precise Regulation of Porcupine Activity Is Required for Physiological Wnt Signaling. Journal of Biological Chemistry, 2012, 287, 34167-34178.	3.4	102
47	IC261 induces cell cycle arrest and apoptosis of human cancer cells via CK1Î´/É› and Wnt/Î²-catenin independent inhibition of mitotic spindle formation. Oncogene, 2011, 30, 2558-2569.	5.9	101
48	FZD7 drives in vitro aggressiveness in Stem-A subtype of ovarian cancer via regulation of non-canonical Wnt/PCP pathway. Cell Death and Disease, 2014, 5, e1346-e1346.	6.3	99
49	Regulation of Casein Kinase IÎµ Activity by Wnt Signaling. Journal of Biological Chemistry, 2004, 279, 13011-13017.	3.4	95
50	Targeting Wnts at the Sourceâ€"New Mechanisms, New Biomarkers, New Drugs. Molecular Cancer Therapeutics, 2015, 14, 1087-1094.	4.1	94
51	Purification of replication protein C, a cellular protein involved in the initial stages of simian virus 40 DNA replication in vitro.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 3584-3588.	7.1	92
52	Mechanism of activation of simian virus 40 DNA replication by protein phosphatase 2A.. Molecular and Cellular Biology, 1992, 12, 4883-4895.	2.3	85
53	USP6 oncogene promotes Wnt signaling by deubiquitylating Frizzleds. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2945-54.	7.1	84
54	Clathrin-coated vesicle assembly polypeptides: physical properties and reconstitution studies with brain membranes.. Journal of Cell Biology, 1988, 106, 39-50.	5.2	82

#	Article	IF	Citations
55	Protein phosphatase 1 regulates the stability of the circadian protein PER2. Biochemical Journal, 2006, 399, 169-175.	3.7	82
56	T-antigen kinase inhibits simian virus 40 DNA replication by phosphorylation of intact T antigen on serines 120 and 123. Journal of Virology, 1994, 68, 269-275.	3.4	82
57	Control of mitotic exit by PP2A regulation of Cdc25C and Cdk1. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19867-19872.	7.1	80
58	Reversible Protein Phosphorylation Regulates Circadian Rhythms. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 413-420.	1.1	80
59	Ser70 phosphorylation of Bcl-2 by selective tyrosine nitration of PP2A-B56Î´ stabilizes its antiapoptotic activity. Blood, 2014, 124, 2223-2234.	1.4	80
60	Mechanism of Regulation of Casein Kinase I Activity by Group I Metabotropic Glutamate Receptors. Journal of Biological Chemistry, 2002, 277, 45393-45399.	3.4	79
61	Two <i>Ck1Î´</i> transcripts regulated by m6A methylation code for two antagonistic kinases in the control of the circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5980-5985.	7.1	79
62	CASEIN KINASE I: ANOTHER COG IN THE CIRCADIAN CLOCKWORKS. Chronobiology International, 2001, 18, 389-398.	2.0	78
63	Nuclear Export of Mammalian PERIOD Proteins. Journal of Biological Chemistry, 2001, 276, 45921-45927.	3.4	78
64	Disulfide Bond Requirements for Active Wnt Ligands. Journal of Biological Chemistry, 2014, 289, 18122-18136.	3.4	76
65	Activation of SV40 DNA replication in vitro by cellular protein phosphatase 2A. EMBO Journal, 1989, 8, 3891-8.	7.8	75
66	Two conserved domains in regulatory B subunits mediate binding to the A subunit of protein phosphatase 2A. FEBS Journal, 2002, 269, 546-552.	0.2	74
67	Control of simian virus 40 DNA replication by the HeLa cell nuclear kinase casein kinase I.. Molecular and Cellular Biology, 1993, 13, 1202-1211.	2.3	73
68	Wnt signaling suppresses MAPK-driven proliferation of intestinal stem cells. Journal of Clinical Investigation, 2018, 128, 3806-3812.	8.2	73
69	Crystal structure of a PP2A B56-BubR1 complex and its implications for PP2A substrate recruitment and localization. Protein and Cell, 2016, 7, 516-526.	11.0	70
70	Bone loss from Wnt inhibition mitigated by concurrent alendronate therapy. Bone Research, 2018, 6, 17.	11.4	70
71	Phosphatase WIP1 regulates adult neurogenesis and WNT signaling during aging. Journal of Clinical Investigation, 2014, 124, 3263-3273.	8.2	69
72	Casein Kinase I: From Obscurity to Center Stage. IUBMB Life, 2001, 51, 73-78.	3.4	67

#	Article	IF	Citations
73	Updating the Wnt pathways. Bioscience Reports, 2014, 34, .	2.4	67
74	Alkylation of the Tumor Suppressor PTEN Activates Akt and Î²-Catenin Signaling: A Mechanism Linking Inflammation and Oxidative Stress with Cancer. PLoS ONE, 2010, 5, e13545.	2.5	65
75	Protein phosphatase 2A dephosphorylates simian virus 40 large T antigen specifically at residues involved in regulation of DNA-binding activity. Journal of Virology, 1991, 65, 2098-2101.	3.4	64
76	Wnt Signaling in Development, Disease and Translational Medicine. Current Drug Targets, 2008, 9, 513-531.	2.1	63
77	Casein Kinase I in the Mammalian Circadian Clock. Methods in Enzymology, 2005, 393, 408-418.	1.0	62
78	A Wnt-CKIÉ›-Rap1 Pathway Regulates Gastrulation by Modulating SIPA1L1, a Rap GTPase Activating Protein. Developmental Cell, 2007, 12, 335-347.	7.0	62
79	Modulation of Wnt/Î²-catenin signaling and proliferation by a ferrous iron chelator with therapeutic efficacy in genetically engineered mouse models of cancer. Oncogene, 2012, 31, 213-225.	5.9	62
80	Wnt Signaling Promotes Breast Cancer by Blocking ITCH-Mediated Degradation of YAP/TAZ Transcriptional Coactivator WBP2. Cancer Research, 2016, 76, 6278-6289.	0.9	62
81	Wnts and the hallmarks of cancer. Cancer and Metastasis Reviews, 2020, 39, 625-645.	5.9	59
82	Different Oligomeric Forms of Protein Phosphatase 2A Activate and Inhibit Simian Virus 40 DNA Replication. Molecular and Cellular Biology, 1994, 14, 4616-4623.	2.3	59
83	Wnts are dispensable for differentiation and self-renewal of adult murine hematopoietic stem cells. Blood, 2015, 126, 1086-1094.	1.4	58
84	Wnts synergize to activate Î²-catenin signaling. Journal of Cell Science, 2017, 130, 1532-1544.	2.0	58
85	Focal encephalitis with enterovirus infections. Pediatrics, 1991, 88, 841-5.	2.1	57
86	Assignment of Human Protein Phosphatase 2A Regulatory Subunit Genes B56Î±, B56Î², B56Î³, B56Î´, and B56Îµ (PPP2R5Aâ€"PPP2R5E), Highly Expressed in Muscle and Brain, to Chromosome Regions 1q41, 11q12, 3p21, 6p21.1, and 7p11.2 â†' p12. Genomics, 1996, 36, 168-170.	2.9	56
87	PORCN inhibition synergizes with PI3K/mTOR inhibition in Wnt-addicted cancers. Oncogene, 2019, 38, 6662-6677.	5.9	55
88	Temporal dynamics of Wnt-dependent transcriptome reveal an oncogenic Wnt/MYC/ribosome axis. Journal of Clinical Investigation, 2018, 128, 5620-5633.	8.2	54
89	The phosphorylation switch that regulates ticking of the circadian clock. Molecular Cell, 2021, 81, 1133-1146.	9.7	52
90	Mechanism of Activation of Simian Virus 40 DNA Replication by Protein Phosphatase 2A. Molecular and Cellular Biology, 1992, 12, 4883-4895.	2.3	52

#	Article	IF	Citations
91	Casein kinase 1Î±â€“dependent feedback loop controls autophagy in RAS-driven cancers. Journal of Clinical Investigation, 2015, 125, 1401-1418.	8.2	52
92	Casein kinase 1 dynamics underlie substrate selectivity and the PER2 circadian phosphoswitch. ELife, 2020, 9, .	6.0	52
93	Protein phosphatase 2A regulates self-renewal of<i>Drosophila</i>neural stem cells. Development (Cambridge), 2009, 136, 2287-2296.	2.5	51
94	<i>TP53</i> intron 1 hotspot rearrangements are specific to sporadic osteosarcoma and can cause Li-Fraumeni syndrome. Oncotarget, 2015, 6, 7727-7740.	1.8	51
95	Mutation of a PER2 phosphodegron perturbs the circadian phosphoswitch. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10888-10896.	7.1	48
96	Psammaplin A as a general activator of cell-based signaling assays via HDAC inhibition and studies on some bromotyrosine derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 2189-2198.	3.0	44
97	Initiation of SV40 DNA Replication: Mechanism and Control. Cold Spring Harbor Symposia on Quantitative Biology, 1991, 56, 303-313.	1.1	44
98	The Nucleophosmin-Anaplastic Lymphoma Kinase Fusion Protein Induces c-Myc Expression in Pediatric Anaplastic Large Cell Lymphomas. American Journal of Pathology, 2002, 161, 875-883.	3.8	43
99	Site-specific phosphorylation of casein kinase 1 Î´ (CK1Î´) regulates its activity towards the circadian regulator PER2. PLoS ONE, 2017, 12, e0177834.	2.5	43
100	Differential Expression of the Bâ€²Î² Regulatory Subunit of Protein Phosphatase 2A Modulates Tyrosine Hydroxylase Phosphorylation and Catecholamine Synthesis. Journal of Biological Chemistry, 2007, 282, 573-580.	3.4	42
101	A Densely Interconnected Genome-Wide Network of MicroRNAs and Oncogenic Pathways Revealed Using Gene Expression Signatures. PLoS Genetics, 2011, 7, e1002415.	3.5	42
102	Structural Basis of WLS/Evi-Mediated Wnt Transport and Secretion. Cell, 2021, 184, 194-206.e14.	28.9	42
103	Vangl2 promotes the formation of long cytonemes to enable distant Wnt/Î²-catenin signaling. Nature Communications, 2021, 12, 2058.	12.8	42
104	Site-specific casein kinase 1Îµ-dependent phosphorylation of Dishevelled modulates Î²-catenin signaling. FEBS Journal, 2006, 273, 4594-4602.	4.7	40
105	Negative Regulation of LRP6 Function by Casein Kinase I Ïµ Phosphorylation. Journal of Biological Chemistry, 2006, 281, 12233-12241.	3.4	40
106	Pyrvinium selectively targets blast phase-chronic myeloid leukemia through inhibition of mitochondrial respiration. Oncotarget, 2015, 6, 33769-33780.	1.8	40
107	Distinct routes to metastasis: plasticity-dependent and plasticity-independent pathways. Oncogene, 2016, 35, 4302-4311.	5.9	39
108	Experimental inhibition of porcupine-mediated Wnt O-acylation attenuates kidney fibrosis. Kidney International, 2016, 89, 1062-1074.	5.2	36

#	Article	IF	Citations
109	Discovery and Optimization of a Porcupine Inhibitor. Journal of Medicinal Chemistry, 2015, 58, 5889-5899.	6.4	35
110	Bepridil and cetiedil. Vasodilators which inhibit Ca2+-dependent calmodulin interactions with erythrocyte membranes.. Journal of Clinical Investigation, 1984, 74, 812-820.	8.2	35
111	PORCN Moonlights in a Wnt-Independent Pathway That Regulates Cancer Cell Proliferation. PLoS ONE, 2012, 7, e34532.	2.5	35
112	Control of Simian Virus 40 DNA Replication by the HeLa Cell Nuclear Kinase Casein Kinase I. Molecular and Cellular Biology, 1993, 13, 1202-1211.	2.3	33
113	The Functional Landscape of Patient-Derived RNF43 Mutations Predicts Sensitivity to Wnt Inhibition. Cancer Research, 2020, 80, 5619-5632.	0.9	30
114	Identification of Casein Kinase I Substrates by in Vitro Expression Cloning Screening. Biochemical and Biophysical Research Communications, 2000, 268, 562-566.	2.1	28
115	Carteriosulfonic Acids Aâ˜'C, GSK-3Î² Inhibitors from a Carteriospongia sp.. Journal of Natural Products, 2009, 72, 1651-1656.	3.0	28
116	WNT inhibition creates a BRCAâ€like state in Wntâ€addicted cancer. EMBO Molecular Medicine, 2021, 13, e13349.	6.9	28
117	Enhancing the psychological health of medical students: the student well-being committee. Medical Education, 1994, 28, 47-54.	2.1	27
118	Disease-associated casein kinase I Î´ mutation may promote adenomatous polyps formation via a Wnt/Î²-catenin independent mechanism. International Journal of Cancer, 2006, 120, 1005-1012.	5.1	27
119	B56-PP2A regulates motor dynamics for mitotic chromosome alignment. Journal of Cell Science, 2014, 127, 4567-73.	2.0	27
120	Analysis of wntless (WLS) expression in gastric, ovarian, and breast cancers reveals a strong association with HER2 overexpression. Modern Pathology, 2015, 28, 428-436.	5.5	27
121	Intrinsic Xenobiotic Resistance of the Intestinal Stem Cell Niche. Developmental Cell, 2018, 46, 681-695.e5.	7.0	26
122	Stromal control of intestinal development and the stem cell niche. Differentiation, 2019, 108, 8-16.	1.9	26
123	Casein kinase 1 regulates Sprouty2 in FGFâ€"ERK signaling. Oncogene, 2015, 34, 474-484.	5.9	25
124	First-in-human phase 1 study of ETC-159 an oral PORCN inhbitor in patients with advanced solid tumours.. Journal of Clinical Oncology, 2017, 35, 2584-2584.	1.6	25
125	Wnt inhibition enhances browning of mouse primary white adipocytes. Adipocyte, 2016, 5, 224-231.	2.8	24
126	Foxp1 Is Indispensable for Ductal Morphogenesis and Controls the Exit of Mammary Stem Cells from Quiescence. Developmental Cell, 2018, 47, 629-644.e8.	7.0	24

#	Article	IF	Citations
127	Regulation of BRCA1 phosphorylation by interaction with protein phosphatase 1alpha. Cancer Research, 2002, 62, 6357-61.	0.9	24
128	Ca ²⁺ -dependent demethylation of phosphatase PP2Ac promotes glucose deprivationâ€"induced cell death independently of inhibiting glycolysis. Science Signaling, 2018, 11, .	3.6	23
129	Wnt traffic from endoplasmic reticulum to filopodia. PLoS ONE, 2019, 14, e0212711.	2.5	23
130	A Human Pleiotropic Multiorgan Condition Caused by Deficient Wnt Secretion. New England Journal of Medicine, 2021, 385, 1292-1301.	27.0	23
131	Distinct Responses of Stem Cells to Telomere Uncappingâ€"A Potential Strategy to Improve the Safety of Cell Therapy. Stem Cells, 2016, 34, 2471-2484.	3.2	22
132	Oncogenic RAS-induced CK1Î± drives nuclear FOXO proteolysis. Oncogene, 2018, 37, 363-376.	5.9	22
133	Casein Kinase I: From Obscurity to Center Stage. IUBMB Life, 2001, 51, 73-78.	3.4	21
134	Molecular Mechanisms Regulating Temperature Compensation of the Circadian Clock. Frontiers in Neurology, 2017, 8, 161.	2.4	21
135	NOTUM is a potential pharmacodynamic biomarker of Wnt pathway inhibition. Oncotarget, 2016, 7, 12386-12392.	1.8	20
136	Lymphoblastic Lymphoma and Excessive Toxicity From Chemotherapy. Journal of Pediatric Hematology/Oncology, 1999, 21, 240-243.	0.6	19
137	Scaffold Hopping and Optimization of Maleimide Based Porcupine Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 6678-6692.	6.4	19
138	Widespread Repression of Gene Expression in Cancer by a Wnt/Î²-Catenin/MAPK Pathway. Cancer Research, 2021, 81, 464-475.	0.9	19
139	Beyond Intuitive Modeling: Combining Biophysical Models with Innovative Experiments to Move the Circadian Clock Field Forward. Journal of Biological Rhythms, 2007, 22, 200-210.	2.6	18
140	Pathogenic mutations in neurofibromin identifies a leucine-rich domain regulating glioma cell invasiveness. Oncogene, 2019, 38, 5367-5380.	5.9	18
141	Cutaneous manifestations of Corynebacterium group JK sepsis. Journal of the American Academy of Dermatology, 1987, 16, 444-447.	1.2	17
142	Enforcing the Greatwall in Mitosis. Science, 2010, 330, 1638-1639.	12.6	15
143	Structural model of human PORCN illuminates disease-associated variants and drug-binding sites. Journal of Cell Science, 2021, 134, .	2.0	15
144	A p300/GATA6 axis determines differentiation and Wnt dependency in pancreatic cancer models. Journal of Clinical Investigation, 2022, 132, .	8.2	13

#	Article	IF	Citations
145	After Hours Keeps Clock Researchers CRYing Overtime. Cell, 2007, 129, 857-859.	28.9	12
146	Wnt-regulated lncRNA discovery enhanced by in vivo identification and CRISPRi functional validation. Genome Medicine, 2020, 12, 89.	8.2	12
147	Unique sensitivity of Hb ZÃ¼rich to oxidative injury by phenazopyridine: Reversal of the effects by elevating carboxyhemoglobin levels in vivo and in vitro. American Journal of Hematology, 1983, 14, 315-324.	4.1	11
148	An itch for things remote: The journey of Wnts. Current Topics in Developmental Biology, 2022, , 91-128.	2.2	11
149	Lineage-Specific Trisomy 21 in a Neonate With Resolving Transient Myeloproliferative Syndrome. Journal of Pediatric Hematology/Oncology, 2002, 24, 224-226.	0.6	10
150	Opposing actions of renal tubular- and myeloid-derived porcupine in obstruction-inducedÂkidney fibrosis. Kidney International, 2019, 96, 1308-1319.	5.2	10
151	Occurrence of henoch-SchÃ¶nlein purpura in a child with wilms' tumor. Medical and Pediatric Oncology, 1995, 24, 213-214.	1.0	9
152	DNA replication. Current Opinion in Cell Biology, 1990, 2, 453-460.	5.4	8
153	Cancer clocks in tumourigenesis: the p53 pathway and beyond. Endocrine-Related Cancer, 2021, 28, R95-R110.	3.1	7
154	Unearthing the Janus-face cholesterogenesis pathways in cancer. Biochemical Pharmacology, 2022, 196, 114611.	4.4	7
155	Keeping the Beat in the Rising Heat. Cell, 2009, 137, 602-604.	28.9	6
156	Unwinding the Wnt action of casein kinase 1. Cell Research, 2013, 23, 737-738.	12.0	6
157	Phase I extension study of ETC-159 an oral PORCN inhibitor administered with bone protective treatment, in patients with advanced solid tumours. Annals of Oncology, 2018, 29, ix23-ix24.	1.2	6
158	A Ras-LSD1 axis activates PI3K signaling through PIK3IP1 suppression. Oncogenesis, 2020, 9, 2.	4.9	6
159	Phosphopeptide mapping of proteins ectopically expressed in tissue culture cell lines. Biological Procedures Online, 2004, 6, 16-22.	2.9	5
160	Broad regulation of gene isoform expression by Wnt signaling in cancer. Rna, 2019, 25, 1696-1713.	3.5	5
161	CK1Î´: a pharmacologically tractable Achillesâ€™ heel of Wnt-driven cancers?. Annals of Translational Medicine, 2016, 4, 433-433.	1.7	5
162	The Wnt signaling receptor Fzd9 is essential for Myc-driven tumorigenesis in pancreatic islets. Life Science Alliance, 2021, 4, e201900490.	2.8	4

#	Article	IF	Citations
163	Moving upstream in the war on WNTs. Journal of Clinical Investigation, 2015, 125, 975-977.	8.2	4
164	YJ5 as an immunohistochemical marker of osteogenic lineage. Pathology, 2021, 53, 229-238.	0.6	3
165	Casein Kinase 1 and Human Disease: Insights From the Circadian Phosphoswitch. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	3
166	Hematopoietic Wnts Modulate Endochondral Ossification During Fracture Healing. Frontiers in Endocrinology, 2021, 12, 667480.	3.5	2
167	Identifying Protein Phosphatase 2A Interacting Proteins Using the Yeast Two-Hybrid Method. , 1998, 93, 263-277.		1
168	Protein phosphatase 2A regulates self-renewal of <i>Drosophila</i>neural stem cells. Development (Cambridge), 2009, 136, 3031-3031.	2.5	1
169	A strong correlation between expression of Wntless and of human epidermal growth factor receptor 2 in gastric, ovarian, and breast cancers suggests a novel-signalling pathway involving NFÎºB and STAT3. Lancet, The, 2013, 381, S106.	13.7	1
170	A Flick of the Tail Keeps the Circadian Clock in Line. Molecular Cell, 2017, 66, 437-438.	9.7	1
171	Abstract B13: ETC-159 is a novel PORCN inhibitor effective for treatment of Wnt-addicted genetically defined cancers. , 2016, , .		1
172	SV40 DNA Replication with Purified Proteins: Functional Interactions Among the Initiation Proteins. , 1992, , 369-384.		1
173	Wnt proteins synergize to activate Î²-catenin signaling. Development (Cambridge), 2017, 144, e1.1-e1.1.	2.5	1
174	Keeping autophagy in cheCK1. Molecular and Cellular Oncology, 2016, 3, e1045117.	0.7	0
175	Free Energy Landscape of Casein Kinase Delta and its Implications for Circadian Rhythm. Biophysical Journal, 2020, 118, 207a-208a.	0.5	0
176	Abstract B264: IC261 induces cell cycle arrest and apoptosis of human cancer cells via a CK1Î´/Îµ independent mechanism. , 2009, , .		0
177	Abstract C248: Novel PORCN inhibitors are safe and effective in the treatment of WNT-dependent cancers.. , 2013, , .		0
178	The Intestinal Stem Cell Niche. Pancreatic Islet Biology, 2015, , 135-162.	0.3	0
179	Abstract 4449: A novel Porcupine inhibitor is effective in the treatment of cancers with RNF43 mutations. , 2015, , .		0
180	Abstract A30: Frizzled-7 (FZD7)-mediated non-canonical Wnt-Planar Cell Polarity (PCP) signalling pathway as a novel molecular driver for the C5/Proliferative/Stem-A molecular subtype of ovarian cancer.. , 2016, , .		0

#	Article	IF	Citations
181	Abstract P4-08-03: DEAD-box RNA helicase DP103 as a novel regulator of Wnt/Î²-catenin signaling pathway and promotes cancer stem cell-like behavior in triple negative breast cancers. , 2016, , .		0
182	Abstract 1172:In vivopharmacokinetic properties and antitumor efficacy of porcupine lead inhibitors in the orthotopic murine MMTV-Wnt1 breast tumor model and the human HPAF-II pancreatic xenograft mouse model. , 2017, , .		0