

Veerle Janssens

List of Publications by Year in descending order

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81
papers

7,658
citations

87843

38
h-index

74108

75
g-index

83
all docs

83
docs citations

83
times ranked

7700
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein phosphatase 2A: a highly regulated family of serine/threonine phosphatases implicated in cell growth and signalling. <i>Biochemical Journal</i> , 2001, 353, 417-439.	1.7	1,516
2	Protein phosphatase 2A: a highly regulated family of serine/threonine phosphatases implicated in cell growth and signalling. <i>Biochemical Journal</i> , 2001, 353, 417.	1.7	1,192
3	PP2A: the expected tumor suppressor. <i>Current Opinion in Genetics and Development</i> , 2005, 15, 34-41.	1.5	382
4	PP2A holoenzyme assembly: in cauda venenum (the sting is in the tail). <i>Trends in Biochemical Sciences</i> , 2008, 33, 113-121.	3.7	357
5	Live-cell imaging RNAi screen identifies PP2A ^{B55} and importin ^{β1} as key mitotic exit regulators in human cells. <i>Nature Cell Biology</i> , 2010, 12, 886-893.	4.6	315
6	Fat1 deletion promotes hybrid EMT state, tumour stemness and metastasis. <i>Nature</i> , 2021, 589, 448-455.	13.7	232
7	Combination of Hypoglycemia and Metformin Impairs Tumor Metabolic Plasticity and Growth by Modulating the PP2A-GSK3 ^β -MCL-1 Axis. <i>Cancer Cell</i> , 2019, 35, 798-815.e5.	7.7	212
8	Protein contact dermatitis: myth or reality?. <i>British Journal of Dermatology</i> , 1995, 132, 1-6.	1.4	177
9	The biogenesis of active protein phosphatase ^{2A} holoenzymes: a tightly regulated process creating phosphatase specificity. <i>FEBS Journal</i> , 2013, 280, 644-661.	2.2	173
10	Fructose-1,6-bisphosphate couples glycolytic flux to activation of Ras. <i>Nature Communications</i> , 2017, 8, 922.	5.8	161
11	Selection of Protein Phosphatase 2A Regulatory Subunits Is Mediated by the C Terminus of the Catalytic Subunit. <i>Journal of Biological Chemistry</i> , 2007, 282, 26971-26980.	1.6	158
12	Purification of Porcine Brain Protein Phosphatase 2A Leucine Carboxyl Methyltransferase and Cloning of the Human Homologue. <i>Biochemistry</i> , 1999, 38, 16539-16547.	1.2	135
13	PP2A ^{T61E} Is an Inhibitor of MAP4K3 in Nutrient Signaling to mTOR. <i>Molecular Cell</i> , 2010, 37, 633-642.	4.5	114
14	Structure, Regulation, and Pharmacological Modulation of PP2A Phosphatases. <i>Methods in Molecular Biology</i> , 2013, 1053, 283-305.	0.4	113
15	Mice lacking phosphatase PP2A subunit PR61/B ⁵⁵ (<i>Ppp2r5d</i>) develop spatially restricted tauopathy by deregulation of CDK5 and GSK3 ^β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6957-6962.	3.3	105
16	The B ⁵⁵ /PR72 subunit mediates Ca ²⁺ -dependent dephosphorylation of DARPP-32 by protein phosphatase 2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9876-9881.	3.3	99
17	Physiologic functions of PP2A: Lessons from genetically modified mice. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 31-50.	1.9	96
18	An inactive protein phosphatase 2A population is associated with methylesterase and can be re-activated by the phosphotyrosyl phosphatase activator. <i>Biochemical Journal</i> , 2004, 380, 111-119.	1.7	92

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19	B56Î-related protein phosphatase 2A dysfunction identified in patients with intellectual disability. <i>Journal of Clinical Investigation</i> , 2015, 125, 3051-3062.	3.9	91
20	PP1 and PP2A phosphatases â€œ cooperating partners in modulating retinoblastoma protein activation. <i>FEBS Journal</i> , 2013, 280, 627-643.	2.2	89
21	Recurrent <i>PPP2R1A</i> Mutations in Uterine Cancer Act through a Dominant-Negative Mechanism to Promote Malignant Cell Growth. <i>Cancer Research</i> , 2016, 76, 5719-5731.	0.4	89
22	The Role and Therapeutic Potential of Ser/Thr Phosphatase PP2A in Apoptotic Signalling Networks in Human Cancer Cells. <i>Current Molecular Medicine</i> , 2012, 12, 268-287.	0.6	88
23	The Protein Phosphatase 2A Phosphatase Activator Is a Novel Peptidyl-Prolyl cis/trans-Isomerase. <i>Journal of Biological Chemistry</i> , 2006, 281, 6349-6357.	1.6	85
24	Glucose-induced posttranslational activation of protein phosphatases PP2A and PP1 in yeast. <i>Cell Research</i> , 2012, 22, 1058-1077.	5.7	84
25	Tumor suppressive protein phosphatases in human cancer: Emerging targets for therapeutic intervention and tumor stratification. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 98-134.	1.2	79
26	Identification and Functional Analysis of Two Ca ²⁺ -binding EF-hand Motifs in the Bâ€œ/PR72 Subunit of Protein Phosphatase 2A. <i>Journal of Biological Chemistry</i> , 2003, 278, 10697-10706.	1.6	78
27	Protein phosphatase 2A controls the activity of histone deacetylase 7 during T cell apoptosis and angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4727-4732.	3.3	73
28	Inhibition of the Wnt Signaling Pathway by the PR61 Subunit of Protein Phosphatase 2A. <i>Journal of Biological Chemistry</i> , 2001, 276, 26875-26882.	1.6	61
29	Molecular Implication of PP2A and Pin1 in the Alzheimer's Disease Specific Hyperphosphorylation of Tau. <i>PLoS ONE</i> , 2011, 6, e21521.	1.1	61
30	The Basic Biology of PP2A in Hematologic Cells and Malignancies. <i>Frontiers in Oncology</i> , 2014, 4, 347.	1.3	58
31	Cacnb4 directly couples electrical activity to gene expression, a process defective in juvenile epilepsy. <i>EMBO Journal</i> , 2012, 31, 3730-3744.	3.5	57
32	Suppression of Scant Identifies Endos as a Substrate of Greatwall Kinase and a Negative Regulator of Protein Phosphatase 2A in Mitosis. <i>PLoS Genetics</i> , 2011, 7, e1002225.	1.5	55
33	Genomic Organisation, Chromosomal Localisation Tissue Distribution and Developmental Regulation of the PR61/Bâ€² Regulatory Subunits of Protein Phosphatase 2A in Mice. <i>Journal of Molecular Biology</i> , 2004, 336, 971-986.	2.0	53
34	Spatial control of protein phosphatase 2A (de)methylation. <i>Experimental Cell Research</i> , 2008, 314, 68-81.	1.2	50
35	Dephosphorylation of the HIV-1 restriction factor SAMHD1 is mediated by PP2A-B55Î± holoenzymes during mitotic exit. <i>Nature Communications</i> , 2018, 9, 2227.	5.8	49
36	Protein phosphatase 2A PR130/Bâ€²:1 subunit binds to the SH2 domainâ€œcontaining inositol polyphosphate 5â€²phosphatase 2 and prevents epidermal growth factor (EGF)â€œinduced EGF receptor degradation sustaining EGFâ€œmediated signaling. <i>FASEB Journal</i> , 2010, 24, 538-547.	0.2	45

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37	PP2A regulatory subunit B α controls endothelial contractility and vessel lumen integrity via regulation of HDAC7. <i>EMBO Journal</i> , 2013, 32, 2491-2503.	3.5	43
38	Specific interactions of PP2A and PP2A-like phosphatases with the yeast PTPA homologues, Ypa1 and Ypa2. <i>Biochemical Journal</i> , 2005, 386, 93-102.	1.7	41
39	SHIP2 controls plasma membrane PI(4,5)P ₂ thereby participating in the control of cell migration in 1321 N1 glioblastoma. <i>Journal of Cell Science</i> , 2016, 129, 1101-14.	1.2	41
40	PP2A: A Promising Biomarker and Therapeutic Target in Endometrial Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 462.	1.3	41
41	Loss of protein phosphatase 2A regulatory subunit B5 β promotes spontaneous tumorigenesis in vivo. <i>Oncogene</i> , 2018, 37, 544-552.	2.6	39
42	Targeted Therapies in Type II Endometrial Cancers: Too Little, but Not Too Late. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2380.	1.8	39
43	De Novo Mutations Affecting the Catalytic C α Subunit of PP2A, PPP2CA, Cause Syndromic Intellectual Disability Resembling Other PP2A-Related Neurodevelopmental Disorders. <i>American Journal of Human Genetics</i> , 2019, 104, 139-156.	2.6	39
44	Evidence of SHIP2 Ser132 phosphorylation, its nuclear localization and stability. <i>Biochemical Journal</i> , 2011, 439, 391-404.	1.7	34
45	PP2A Inactivation Mediated by <i>PPP2R4</i> Haploinsufficiency Promotes Cancer Development. <i>Cancer Research</i> , 2017, 77, 6825-6837.	0.4	34
46	The <i>Saccharomyces cerevisiae</i> homologue YPA1 of the mammalian phosphotyrosyl phosphatase activator of protein phosphatase 2A controls progression through the G1 phase of the yeast cell cycle 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 2000, 302, 103-119.	2.0	28
47	Functional Analysis of Conserved Domains in the Phosphotyrosyl Phosphatase Activator. Molecular Cloning of the Homologues from <i>Drosophila melanogaster</i> and <i>Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 1998, 37, 12899-12908.	1.2	27
48	Diversity in genomic organisation, developmental regulation and distribution of the murine PR72/B'' subunits of protein phosphatase 2A. <i>BMC Genomics</i> , 2008, 9, 393.	1.2	27
49	Targeted disruption of the mouse <i>Lipoma Preferred Partner</i> gene. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 368-373.	1.0	27
50	The <i>Saccharomyces cerevisiae</i> Phosphotyrosyl Phosphatase Activator Proteins Are Required for a Subset of the Functions Disrupted by Protein Phosphatase 2A Mutations. <i>Experimental Cell Research</i> , 2001, 264, 372-387.	1.2	25
51	PP2A binds the LIM-domains of <i>Lipoma Preferred Partner</i> via its PR130/B α -subunit to regulate cell adhesion and migration. <i>Journal of Cell Science</i> , 2016, 129, 1605-18.	1.2	23
52	The broad phenotypic spectrum of PPP2R1A-related neurodevelopmental disorders correlates with the degree of biochemical dysfunction. <i>Genetics in Medicine</i> , 2021, 23, 352-362.	1.1	23
53	Identification and characterization of B''-subunits of protein phosphatase 2 A in <i>Xenopus laevis</i> oocytes and adult tissues. Evidence for an independent N-terminal splice variant of PR130 and an extended human PR48 protein. <i>FEBS Journal</i> , 2003, 270, 376-387.	0.2	20
54	The Phosphotyrosyl Phosphatase Activator Gene Is a Novel p53 Target Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 20488-20495.	1.6	19

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55	Zinc deficiency leads to reduced interleukin-2 production by active gene silencing due to enhanced CREM1± expression in T cells. <i>Clinical Nutrition</i> , 2021, 40, 3263-3278.	2.3	18
56	Protein Phosphatase 2A (PP2A) mutations in brain function, development, and neurologic disease. <i>Biochemical Society Transactions</i> , 2021, 49, 1567-1588.	1.6	18
57	PTPA Regulating PP2A as a Dual Specificity Phosphatase. , 1998, 93, 103-115.		17
58	Interaction of the protein phosphatase 2A with the regulatory domain of the cystic fibrosis transmembrane conductance regulator channel. <i>FEBS Letters</i> , 2005, 579, 3392-3396.	1.3	17
59	Reversible Ser/Thr SHIP phosphorylation: A new paradigm in phosphoinositide signalling?. <i>BioEssays</i> , 2012, 34, 634-642.	1.2	16
60	Differential regulation of PKD isoforms in oxidative stress conditions through phosphorylation of a conserved Tyr in the P+1 loop. <i>Scientific Reports</i> , 2017, 7, 887.	1.6	15
61	Functional analysis of the promoter region of the human phosphotyrosine phosphatase activator gene: Yin Yang 1 is essential for core promoter activity. <i>Biochemical Journal</i> , 1999, 344, 755-763.	1.7	13
62	Identification and characterization of alternative splice products encoded by the human phosphotyrosyl phosphatase activator gene. <i>FEBS Journal</i> , 2000, 267, 4406-4413.	0.2	13
63	Specific regulation of protein phosphatase 2A PR72/Bâ€² subunits by calpain. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 676-681.	1.0	12
64	Identification of PP2A/Set Binding Sites and Design of Interacting Peptides with Potential Clinical Applications. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 479-488.	0.9	12
65	PPP2R4 dysfunction promotes KRAS-mutant lung adenocarcinoma development and mediates opposite responses to MEK and mTOR inhibition. <i>Cancer Letters</i> , 2021, 520, 57-67.	3.2	10
66	An okadaic acid fragment analogue prevents nicotine-induced resistance to cisplatin by recovering PP2A activity in non-small cell lung cancer cells. <i>Bioorganic Chemistry</i> , 2020, 100, 103874.	2.0	9
67	Protein kinase D displays intrinsic Tyr autophosphorylation activity: insights into mechanism and regulation. <i>FEBS Letters</i> , 2018, 592, 2432-2443.	1.3	5
68	Differential Proteomic Analysis of Hepatocellular Carcinomas from <i>Ppp2r5d</i> Knockout Mice and Normal (Knockout) Livers. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 669-685.	1.0	5
69	Functional analysis of the promoter region of the human phosphotyrosine phosphatase activator gene: Yin Yang 1 is essential for core promoter activity. <i>Biochemical Journal</i> , 1999, 344, 755.	1.7	4
70	Protein phosphatase 2A regulates deoxycytidine kinase activity <i>via</i> Serâ€²74 dephosphorylation. <i>FEBS Letters</i> , 2014, 588, 727-732.	1.3	4
71	Increased LGR6 Expression Sustains Long-Term Wnt Activation and Acquisition of Senescence in Epithelial Progenitors in Chronic Lung Diseases. <i>Cells</i> , 2021, 10, 3437.	1.8	4
72	Kinases/Phosphatases Serine/Threonine Protein Phosphatases. , 2021, , 384-397.		3

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73	Protein Phosphatases as Critical Regulators for Cellular Homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1.	1.9	2
74	In vivo pieces of the PP2A onco-puzzle fallen into place. <i>Oncoscience</i> , 2017, 4, 154-155.	0.9	2
75	Functional analysis of the promoter region of the human phosphotyrosine phosphatase activator gene: Yin Yang 1 is essential for core promoter activity. <i>Biochemical Journal</i> , 1999, 344 Pt 3, 755-63.	1.7	2
76	PPP2R4 (protein phosphatase 2A activator, regulatory subunit 4). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2011, , .	0.1	0
77	PTPA homologs have distinct roles during cell cycle progression in <i>Saccharomyces cerevisiae</i> . <i>BMC News and Views</i> , 2001, 1, .	0.0	0
78	Serine/Threonine-Protein Phosphatase 2A. , 2016, , 1-9.		0
79	Abstract B08: Differential regulation of Protein Kinase D isoforms in oxidative stress conditions via tyrosine phosphorylation in the activation segment. , 2017, , .		0
80	Serine/Threonine-Protein Phosphatase 2A. , 2018, , 4893-4902.		0
81	Yeast and Cancer: Common Mechanism Underlying Activation of Ras by Glycolytic Flux. <i>FASEB Journal</i> , 2018, 32, lb143.	0.2	0