# Veerle Janssens

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5636959/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 81 papers | 7,658 citations | 87723 38 h-index | 74018 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. Biochemical Journal, 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. Biochemical Journal, 2001, 353, 417. | 1.7 | 1,192 |
| 3 | PP2A: the expected tumor suppressor. Current Opinion in Genetics and Development, 2005, 15, 34-41. | 1.5 | 382 |
| 4 | PP2A holoenzyme assembly: in cauda venenum (the sting is in the tail). Trends in Biochemical Sciences, 2008, 33, 113-121. | 3.7 | 357 |
| 5 | Live-cell imaging RNAi screen identifies PP2Aâ€“B55Î± and importin-Î²1 as key mitotic exit regulators in human cells. Nature Cell Biology, 2010, 12, 886-893. | 4.6 | 315 |
| 6 | Fat1 deletion promotes hybrid EMT state, tumour stemness and metastasis. Nature, 2021, 589, 448-455. | 13.7 | 232 |
| 7 | Combination of Hypoglycemia and Metformin Impairs Tumor Metabolic Plasticity and Growth by Modulating the PP2A-GSK3Î²-MCL-1 Axis. Cancer Cell, 2019, 35, 798-815.e5. | 7.7 | 212 |
| 8 | Protein contact dermatitis: myth or reality?. British Journal of Dermatology, 1995, 132, 1-6. | 1.4 | 177 |
| 9 | The biogenesis of active protein phosphataseâ€ƒ2A holoenzymes: a tightly regulated process creating phosphatase specificity. FEBS Journal, 2013, 280, 644-661. | 2.2 | 173 |
| 10 | Fructose-1,6-bisphosphate couples glycolytic flux to activation of Ras. Nature Communications, 2017, 8, 922. | 5.8 | 161 |
| 11 | Selection of Protein Phosphatase 2A Regulatory Subunits Is Mediated by the C Terminus of the Catalytic Subunit. Journal of Biological Chemistry, 2007, 282, 26971-26980. | 1.6 | 158 |
| 12 | Purification of Porcine Brain Protein Phosphatase 2A Leucine Carboxyl Methyltransferase and Cloning of the Human Homologueâ€,â€¡. Biochemistry, 1999, 38, 16539-16547. | 1.2 | 135 |
| 13 | PP2AT61É› Is an Inhibitor of MAP4K3 in Nutrient Signaling to mTOR. Molecular Cell, 2010, 37, 633-642. | 4.5 | 114 |
| 14 | Structure, Regulation, and Pharmacological Modulation of PP2A Phosphatases. Methods in Molecular Biology, 2013, 1053, 283-305. | 0.4 | 113 |
| 15 | Mice lacking phosphatase PP2A subunit PR61/Bâ€™Î´ ( Ppp2r5d ) develop spatially restricted tauopathy by deregulation of CDK5 and GSK3Î². Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6957-6962. | 3.3 | 105 |
| 16 | The B''/PR72 subunit mediates Ca2+-dependent dephosphorylation of DARPP-32 by protein phosphatase 2A. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9876-9881. | 3.3 | 99 |
| 17 | Physiologic functions of PP2A: Lessons from genetically modified mice. Biochimica Et Biophysica Acta - Molecular Cell Research, 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. Biochemical Journal, 2004, 380, 111-119. | 1.7 | 92 |

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|---|---|---|---|
| 19 | B56Î´-related protein phosphatase 2A dysfunction identified in patients with intellectual disability. Journal of Clinical Investigation, 2015, 125, 3051-3062. | 3.9 | 91 |
| 20 | PP1 and PP2A phosphatases â€“ cooperating partners in modulating retinoblastoma protein activation. FEBS Journal, 2013, 280, 627-643. | 2.2 | 89 |
| 21 | Recurrent PPP2R1A Mutations in Uterine Cancer Act through a Dominant-Negative Mechanism to Promote Malignant Cell Growth. Cancer Research, 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. Current Molecular Medicine, 2012, 12, 268-287. | 0.6 | 88 |
| 23 | The Protein Phosphatase 2A Phosphatase Activator Is a Novel Peptidyl-Prolyl cis/trans-Isomerase. Journal of Biological Chemistry, 2006, 281, 6349-6357. | 1.6 | 85 |
| 24 | Glucose-induced posttranslational activation of protein phosphatases PP2A and PP1 in yeast. Cell Research, 2012, 22, 1058-1077. | 5.7 | 84 |
| 25 | Tumor suppressive protein phosphatases in human cancer: Emerging targets for therapeutic intervention and tumor stratification. International Journal of Biochemistry and Cell Biology, 2018, 96, 98-134. | 1.2 | 79 |
| 26 | Identification and Functional Analysis of Two Ca2+-binding EF-hand Motifs in the Bâ€œ/PR72 Subunit of Protein Phosphatase 2A. Journal of Biological Chemistry, 2003, 278, 10697-10706. | 1.6 | 78 |
| 27 | Protein phosphatase 2A controls the activity of histone deacetylase 7 during T cell apoptosis and angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4727-4732. | 3.3 | 73 |
| 28 | Inhibition of the Wnt Signaling Pathway by the PR61 Subunit of Protein Phosphatase 2A. Journal of Biological Chemistry, 2001, 276, 26875-26882. | 1.6 | 61 |
| 29 | Molecular Implication of PP2A and Pin1 in the Alzheimer's Disease Specific Hyperphosphorylation of Tau. PLoS ONE, 2011, 6, e21521. | 1.1 | 61 |
| 30 | The Basic Biology of PP2A in Hematologic Cells and Malignancies. Frontiers in Oncology, 2014, 4, 347. | 1.3 | 58 |
| 31 | Cacnb4 directly couples electrical activity to gene expression, a process defective in juvenile epilepsy. EMBO Journal, 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. PLoS Genetics, 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. Journal of Molecular Biology, 2004, 336, 971-986. | 2.0 | 53 |
| 34 | Spatial control of protein phosphatase 2A (de)methylation. Experimental Cell Research, 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. Nature Communications, 2018, 9, 2227. | 5.8 | 49 |
| 36 | Protein phosphatase 2A PR130/Bâ€Î±:1 subunit binds to the SH2 domainâ€containing inositol polyphosphate 5â€phosphatase 2 and prevents epidermal growth factor (EGF)â€induced EGF receptor degradation sustaining EGFâ€mediated signaling. FASEB Journal, 2010, 24, 538-547. | 0.2 | 45 |

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|---|---|---|---|
| 37 | PP2A regulatory subunit BÎ± controls endothelial contractility and vessel lumen integrity via regulation of HDAC7. EMBO Journal, 2013, 32, 2491-2503. | 3.5 | 43 |
| 38 | Specific interactions of PP2A and PP2A-like phosphatases with the yeast PTPA homologues, Ypa1 and Ypa2. Biochemical Journal, 2005, 386, 93-102. | 1.7 | 41 |
| 39 | SHIP2 controls plasma membrane PI(4,5)P2 thereby participating in the control of cell migration in 1321 N1 glioblastoma. Journal of Cell Science, 2016, 129, 1101-14. | 1.2 | 41 |
| 40 | PP2A: A Promising Biomarker and Therapeutic Target in Endometrial Cancer. Frontiers in Oncology, 2019, 9, 462. | 1.3 | 41 |
| 41 | Loss of protein phosphatase 2A regulatory subunit B56Î´ promotes spontaneous tumorigenesis in vivo. Oncogene, 2018, 37, 544-552. | 2.6 | 39 |
| 42 | Targeted Therapies in Type II Endometrial Cancers: Too Little, but Not Too Late. International Journal of Molecular Sciences, 2018, 19, 2380. | 1.8 | 39 |
| 43 | De Novo Mutations Affecting the Catalytic CÎ± Subunit of PP2A, PPP2CA, Cause Syndromic Intellectual Disability Resembling Other PP2A-Related Neurodevelopmental Disorders. American Journal of Human Genetics, 2019, 104, 139-156. | 2.6 | 39 |
| 44 | Evidence of SHIP2 Ser132 phosphorylation, its nuclear localization and stability. Biochemical Journal, 2011, 439, 391-404. | 1.7 | 34 |
| 45 | PP2A Inactivation Mediated by PPP2R4 Haploinsufficiency Promotes Cancer Development. Cancer Research, 2017, 77, 6825-6837. | 0.4 | 34 |
| 46 | The Saccharomyces cerevisiae homologue YPA1 of the mammalian phosphotyrosyl phosphatase activator of protein phosphatase 2A controls progression through the G1 phase of the yeast cell cycle 1 1Edited by J. Karn. Journal of Molecular Biology, 2000, 302, 103-119. | 2.0 | 28 |
| 47 | Functional Analysis of Conserved Domains in the Phosphotyrosyl Phosphatase Activator. Molecular Cloning of the Homologues fromDrosophilamelanogasterandSaccharomycescerevisiaeâ€,â€¡. Biochemistry, 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. BMC Genomics, 2008, 9, 393. | 1.2 | 27 |
| 49 | Targeted disruption of the mouse Lipoma Preferred Partner gene. Biochemical and Biophysical Research Communications, 2009, 379, 368-373. | 1.0 | 27 |
| 50 | The Saccharomyces cerevisiae Phosphotyrosyl Phosphatase Activator Proteins Are Required for a Subset of the Functions Disrupted by Protein Phosphatase 2A Mutations. Experimental Cell Research, 2001, 264, 372-387. | 1.2 | 25 |
| 51 | PP2A binds the LIM-domains of Lipoma Preferred Partner via its PR130/Bâ€•subunit to regulate cell adhesion and migration. Journal of Cell Science, 2016, 129, 1605-18. | 1.2 | 23 |
| 52 | The broad phenotypic spectrum of PPP2R1A-related neurodevelopmental disorders correlates with the degree of biochemical dysfunction. Genetics in Medicine, 2021, 23, 352-362. | 1.1 | 23 |
| 53 | Identification and characterization of B''-subunits of protein phosphatase 2 A in Xenopus laevis oocytes and adult tissues. Evidence for an independent N-terminal splice variant of PR130 and an extended human PR48 protein. FEBS Journal, 2003, 270, 376-387. | 0.2 | 20 |
| 54 | The Phosphotyrosyl Phosphatase Activator Gene Is a Novel p53 Target Gene. Journal of Biological Chemistry, 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 CREMÎ± expression in T cells. Clinical Nutrition, 2021, 40, 3263-3278. | 2.3 | 18 |
| 56 | Protein Phosphatase 2A (PP2A) mutations in brain function, development, and neurologic disease. Biochemical Society Transactions, 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. FEBS Letters, 2005, 579, 3392-3396. | 1.3 | 17 |
| 59 | Reversible Ser/Thr SHIP phosphorylation: A new paradigm in phosphoinositide signalling?. BioEssays, 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. Scientific Reports, 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. Biochemical Journal, 1999, 344, 755-763. | 1.7 | 13 |
| 62 | Identification and characterization of alternative splice products encoded by the human phosphotyrosyl phosphatase activator gene. FEBS Journal, 2000, 267, 4406-4413. | 0.2 | 13 |
| 63 | Specific regulation of protein phosphatase 2A PR72/Bâ€²â€² subunits by calpain. Biochemical and Biophysical Research Communications, 2009, 386, 676-681. | 1.0 | 12 |
| 64 | Identification of PP2A/Set Binding Sites and Design of Interacting Peptides with Potential Clinical Applications. International Journal of Peptide Research and Therapeutics, 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. Cancer Letters, 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. Bioorganic Chemistry, 2020, 100, 103874. | 2.0 | 9 |
| 67 | Protein kinase D displays intrinsic Tyr autophosphorylation activity: insights into mechanism and regulation. FEBS Letters, 2018, 592, 2432-2443. | 1.3 | 5 |
| 68 | Differential Proteomic Analysis of Hepatocellular Carcinomas from Ppp2r5d Knockout Mice and Normal (Knockout) Livers. Cancer Genomics and Proteomics, 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. Biochemical Journal, 1999, 344, 755. | 1.7 | 4 |
| 70 | Protein phosphatase 2A regulates deoxycytidine kinase activity via Serâ€74 dephosphorylation. FEBS Letters, 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. Cells, 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. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1. | 1.9 | 2 |
| 74 | In vivo pieces of the PP2A onco-puzzle fallen into place. Oncoscience, 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. Biochemical Journal, 1999, 344 Pt 3, 755-63. | 1.7 | 2 |
| 76 | PPP2R4 (protein phosphatase 2A activator, regulatory subunit 4). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2011, , . | 0.1 | 0 |
| 77 | PTPA homologs have distinct roles during cell cycle progression in Saccharomyces cerevisiae. BMC News and Views, 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. FASEB Journal, 2018, 32, lb143. | 0.2 | 0 |