# Jorma Palvimo

## List of Publications by Year in descending order

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|---|---|---|---|
| 53 papers | 5,366 citations | 81743 39 h-index | 168136 53 g-index |
| 53 all docs | 53 docs citations | 53 times ranked | 4842 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Covalent modification of the androgen receptor by small ubiquitin-like modifier 1 (SUMO-1). Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14145-14150. | 3.3 | 401 |
| 2 | PIAS Proteins Modulate Transcription Factors by Functioning as SUMO-1 Ligases. Molecular and Cellular Biology, 2002, 22, 5222-5234. | 1.1 | 364 |
| 3 | Interaction between the Amino- and Carboxyl-terminal Regions of the Rat Androgen Receptor Modulates Transcriptional Activity and Is Influenced by Nuclear Receptor Coactivators. Journal of Biological Chemistry, 1997, 272, 29821-29828. | 1.6 | 323 |
| 4 | Acetylation of Androgen Receptor Enhances Coactivator Binding and Promotes Prostate Cancer Cell Growth. Molecular and Cellular Biology, 2003, 23, 8563-8575. | 1.1 | 244 |
| 5 | CREB-binding protein in androgen receptor-mediated signaling. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2122-2127. | 3.3 | 232 |
| 6 | Identification of a Novel RING Finger Protein as a Coregulator in Steroid Receptor-Mediated Gene Transcription. Molecular and Cellular Biology, 1998, 18, 5128-5139. | 1.1 | 197 |
| 7 | Mutual Transcriptional Interference between RelA and Androgen Receptor. Journal of Biological Chemistry, 1996, 271, 24151-24156. | 1.6 | 191 |
| 8 | Cyclin D1 Binds the Androgen Receptor and Regulates Hormone-Dependent Signaling in a p300/CBP-Associated Factor (P/CAF)-Dependent Manner. Molecular Endocrinology, 2001, 15, 797-811. | 3.7 | 178 |
| 9 | Involvement of Proteasome in the Dynamic Assembly of the Androgen Receptor Transcription Complex. Journal of Biological Chemistry, 2002, 277, 48366-48371. | 1.6 | 168 |
| 10 | Coregulator Recruitment and Histone Modifications in Transcriptional Regulation by the Androgen Receptor. Molecular Endocrinology, 2004, 18, 2633-2648. | 3.7 | 166 |
| 11 | Ubc9 Interacts with the Androgen Receptor and Activates Receptor-dependent Transcription. Journal of Biological Chemistry, 1999, 274, 19441-19446. | 1.6 | 159 |
| 12 | Sumo-1 Function Is Dispensable in Normal Mouse Development. Molecular and Cellular Biology, 2008, 28, 5381-5390. | 1.1 | 158 |
| 13 | Androgen Receptor Acetylation Governs trans Activation and MEKK1-Induced Apoptosis without Affecting In Vitro Sumoylation and trans -Repression Function. Molecular and Cellular Biology, 2002, 22, 3373-3388. | 1.1 | 155 |
| 14 | Steroid up-regulation of FKBP51 and its role in hormone signaling. Current Opinion in Pharmacology, 2011, 11, 326-331. | 1.7 | 145 |
| 15 | ARIP3 (Androgen Receptor-Interacting Protein 3) and Other PIAS (Protein Inhibitor of Activated STAT) Proteins Differ in Their Ability to Modulate Steroid Receptor-Dependent Transcriptional Activation. Molecular Endocrinology, 2000, 14, 1986-2000. | 3.7 | 144 |
| 16 | A Testis-specific Androgen Receptor Coregulator That Belongs to a Novel Family of Nuclear Proteins. Journal of Biological Chemistry, 1999, 274, 3700-3704. | 1.6 | 136 |
| 17 | PIAS proteins promote SUMO-1 conjugation to STAT1. Blood, 2003, 102, 3311-3313. | 0.6 | 135 |
| 18 | Inhibition of Androgen Receptor (AR) Function by the Reproductive Orphan Nuclear Receptor DAX-1. Molecular Endocrinology, 2002, 16, 515-528. | 3.7 | 124 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Expression of Androgen Receptor Coregulators in Prostate Cancer. Clinical Cancer Research, 2004, 10, 1032-1040. | 3.2 | 122 |
| 20 | The Nuclear Receptor Interaction Domain of GRIP1 Is Modulated by Covalent Attachment of SUMO-1. Journal of Biological Chemistry, 2002, 277, 30283-30288. | 1.6 | 121 |
| 21 | Crosstalk between androgen and pro-inflammatory signaling remodels androgen receptor and NF-Î¹B cistrome to reprogram the prostate cancer cell transcriptome. Nucleic Acids Research, 2017, 45, 619-630. | 6.5 | 110 |
| 22 | Disrupted Amino- and Carboxyl-Terminal Interactions of the Androgen Receptor Are Linked to Androgen Insensitivity. Molecular Endocrinology, 2001, 15, 923-935. | 3.7 | 105 |
| 23 | A single-base substitution in the proximal Sp1 site of the human low density lipoprotein receptor promoter as a cause of heterozygous familial hypercholesterolemia.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10526-10530. | 3.3 | 95 |
| 24 | Global SUMOylation on active chromatin is an acute heat stress response restricting transcription. Genome Biology, 2015, 16, 153. | 3.8 | 88 |
| 25 | Androgen Receptor and Mechanism of Androgen Action. Annals of Medicine, 1993, 25, 83-89. | 1.5 | 84 |
| 26 | Cooperation Among Stat1, Glucocorticoid Receptor, and PU.1 in Transcriptional Activation of the High-Affinity FcÎ³ Receptor I in Monocytes. Journal of Immunology, 2000, 164, 5689-5697. | 0.4 | 76 |
| 27 | Interaction of Androgen Receptors with Androgen Response Element in Intact Cells. Journal of Biological Chemistry, 1997, 272, 15973-15979. | 1.6 | 74 |
| 28 | Coregulator Small Nuclear RING Finger Protein (SNURF) Enhances Sp1- and Steroid Receptor-mediated Transcription by Different Mechanisms. Journal of Biological Chemistry, 2000, 275, 571-579. | 1.6 | 67 |
| 29 | SUMO-1 promotes association of SNURF (RNF4) with PML nuclear bodies. Experimental Cell Research, 2005, 304, 224-233. | 1.2 | 66 |
| 30 | Pattern of Somatic Androgen Receptor Gene Mutations in Patients with Hormone-Refractory Prostate Cancer. Laboratory Investigation, 2002, 82, 1591-1598. | 1.7 | 64 |
| 31 | Androgen Receptor-interacting Protein 3 and Other PIAS Proteins Cooperate with Glucocorticoid Receptor-interacting Protein 1 in Steroid Receptor-dependent Signaling. Journal of Biological Chemistry, 2002, 277, 17781-17788. | 1.6 | 57 |
| 32 | SUMOylation modulates the transcriptional activity of androgen receptor in a target gene and pathway selective manner. Nucleic Acids Research, 2014, 42, 8310-8319. | 6.5 | 55 |
| 33 | SUMO ligase PIAS1 functions as a target gene selective androgen receptor coregulator on prostate cancer cell chromatin. Nucleic Acids Research, 2015, 43, 848-861. | 6.5 | 55 |
| 34 | Agonist-specific Protein Interactomes of Glucocorticoid and Androgen Receptor as Revealed by Proximity Mapping. Molecular and Cellular Proteomics, 2017, 16, 1462-1474. | 2.5 | 55 |
| 35 | The presence of a transcription activation function in the hormone-binding domain of androgen receptor is revealed by studies in yeast cells. FEBS Letters, 1997, 412, 355-358. | 1.3 | 51 |
| 36 | Transcriptional coregulator SNURF (RNF4) possesses ubiquitin E3 ligase activity. FEBS Letters, 2004, 560, 56-62. | 1.3 | 48 |

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|---|---|---|---|
| 37 | Disruption of the murine PIASx gene results in reduced testis weight. Journal of Molecular Endocrinology, 2005, 34, 645-654. | 1.1 | 48 |
| 38 | Novel Assay for Determination of Androgen Bioactivity in Human Serum. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1539-1544. | 1.8 | 42 |
| 39 | Proto-oncogene PIM-1 is a novel estrogen receptor target associating with high grade breast tumors. Molecular and Cellular Endocrinology, 2013, 365, 270-276. | 1.6 | 40 |
| 40 | Cooperative Coactivation of Estrogen Receptor Î± in ZR-75 Human Breast Cancer Cells by SNURF and TATA-binding Protein. Journal of Biological Chemistry, 2002, 277, 2485-2497. | 1.6 | 38 |
| 41 | Chromatin SUMOylation in heat stress: To protect, pause and organise?. BioEssays, 2017, 39, 1600263. | 1.2 | 33 |
| 42 | SUMOylation regulates the protein network and chromatin accessibility at glucocorticoid receptor-binding sites. Nucleic Acids Research, 2021, 49, 1951-1971. | 6.5 | 23 |
| 43 | Chromatin-directed proteomics-identified network of endogenous androgen receptor in prostate cancer cells. Oncogene, 2021, 40, 4567-4579. | 2.6 | 20 |
| 44 | The androgen receptor depends on ligandâ€binding domain dimerization for transcriptional activation. EMBO Reports, 2021, 22, e52764. | 2.0 | 20 |
| 45 | Overexpression of SUMO perturbs the growth and development of Caenorhabditis elegans. Cellular and Molecular Life Sciences, 2011, 68, 3219-3232. | 2.4 | 15 |
| 46 | Lack of androgen receptor SUMOylation results in male infertility due to epididymal dysfunction. Nature Communications, 2019, 10, 777. | 5.8 | 15 |
| 47 | The androgen receptor. Molecular and Cellular Endocrinology, 2012, 352, 1-3. | 1.6 | 14 |
| 48 | IRF2BP2 modulates the crosstalk between glucocorticoid and TNF signaling. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105382. | 1.2 | 13 |
| 49 | Androgen receptor- and PIAS1-regulated gene programs in molecular apocrine breast cancer cells. Molecular and Cellular Endocrinology, 2015, 414, 91-98. | 1.6 | 10 |
| 50 | BCOR-coupled H2A monoubiquitination represses a subset of androgen receptor target genes regulating prostate cancer proliferation. Oncogene, 2020, 39, 2391-2407. | 2.6 | 9 |
| 51 | Reprogramming of glucocorticoid receptor function by hypoxia. EMBO Reports, 2022, 23, e53083. | 2.0 | 7 |
| 52 | Electrophilic Lipid Mediator 15-Deoxy-Î”<sup>12,14</sup>-Prostaglandin J<sub>2</sub> Modifies Glucocorticoid Signaling via Receptor SUMOylation. Molecular and Cellular Biology, 2014, 34, 3202-3213. | 1.1 | 5 |
| 53 | Androgen receptor: acting in the three-dimensional chromatin landscape of prostate cancer cells. Hormone Molecular Biology and Clinical Investigation, 2011, 5, 17-26. | 0.3 | 1 |