

# Johannes Schädel

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,890  
citations

159585

30  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

6808  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution genome-wide mapping of HIF-binding sites by ChIP-seq. <i>Blood</i> , 2011, 117, e207-e217.	1.4	623
2	Hypoxia, Hypoxia-inducible Transcription Factors, and Renal Cancer. <i>European Urology</i> , 2016, 69, 646-657.	1.9	249
3	Tumor hypoxia induces nuclear paraspeckle formation through HIF-2 $\beta$ dependent transcriptional activation of NEAT1 leading to cancer cell survival. <i>Oncogene</i> , 2015, 34, 4482-4490.	5.9	245
4	The Lysyl Oxidases LOX and LOXL2 Are Necessary and Sufficient to Repress E-cadherin in Hypoxia. <i>Journal of Biological Chemistry</i> , 2010, 285, 6658-6669.	3.4	213
5	Mechanisms of hypoxia signalling: new implications for nephrology. <i>Nature Reviews Nephrology</i> , 2019, 15, 641-659.	9.6	199
6	Common genetic variants at the 11q13.3 renal cancer susceptibility locus influence binding of HIF to an enhancer of cyclin D1 expression. <i>Nature Genetics</i> , 2012, 44, 420-425.	21.4	148
7	Extensive regulation of the non-coding transcriptome by hypoxia: role of HIF in releasing paused RNA pol2. <i>EMBO Reports</i> , 2014, 15, 70-76.	4.5	146
8	Hypoxia-inducible protein 2 is a novel lipid droplet protein and a specific target gene of hypoxia-inducible factor-1. <i>FASEB Journal</i> , 2010, 24, 4443-4458.	0.5	135
9	miR-210 is a target of hypoxia-inducible factors 1 and 2 in renal cancer, regulates ISCU and correlates with good prognosis. <i>British Journal of Cancer</i> , 2013, 108, 1133-1142.	6.4	134
10	Donor treatment with a PHD-inhibitor activating HIFs prevents graft injury and prolongs survival in an allogeneic kidney transplant model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21276-21281.	7.1	127
11	Human AlkB Homologue 5 Is a Nuclear 2-Oxoglutarate Dependent Oxygenase and a Direct Target of Hypoxia-Inducible Factor 1 $\beta$ (HIF-1 $\beta$ ). <i>PLoS ONE</i> , 2011, 6, e16210.	2.5	120
12	Ferritin-Mediated Iron Sequestration Stabilizes Hypoxia-Inducible Factor-1 $\beta$ upon LPS Activation in the Presence of Ample Oxygen. <i>Cell Reports</i> , 2015, 13, 2048-2055.	6.4	106
13	Toll-like receptor activation and hypoxia use distinct signaling pathways to stabilize hypoxia-inducible factor 1 $\beta$ (HIF1A) and result in differential HIF1A-dependent gene expression. <i>Journal of Leukocyte Biology</i> , 2011, 90, 551-562.	3.3	102
14	Optimal Translational Termination Requires C4 Lysyl Hydroxylation of eRF1. <i>Molecular Cell</i> , 2014, 53, 645-654.	9.7	99
15	Tuning the Transcriptional Response to Hypoxia by Inhibiting Hypoxia-inducible Factor (HIF) Prolyl and Asparaginyl Hydroxylases. <i>Journal of Biological Chemistry</i> , 2016, 291, 20661-20673.	3.4	91
16	Regulation of Type II Transmembrane Serine Proteinase TMPRSS6 by Hypoxia-inducible Factors. <i>Journal of Biological Chemistry</i> , 2011, 286, 4090-4097.	3.4	90
17	Pan-genomic binding of hypoxia-inducible transcription factors. <i>Biological Chemistry</i> , 2013, 394, 507-517.	2.5	90
18	HIF-Prolyl Hydroxylases in the Rat Kidney. <i>American Journal of Pathology</i> , 2009, 174, 1663-1674.	3.8	89

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19	Hypoxia-Inducible Transcription Factors Stabilization in the Thick Ascending Limb Protects against Ischemic Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 2004-2015.	6.1	88
20	Renal Tubular HIF-2 $\beta$ Expression Requires VHL Inactivation and Causes Fibrosis and Cysts. <i>PLoS ONE</i> , 2012, 7, e31034.	2.5	78
21	Genetic variation at the 8q24.21 renal cancer susceptibility locus affects HIF binding to a MYC enhancer. <i>Nature Communications</i> , 2016, 7, 13183.	12.8	65
22	Atheroprotective Effects of Neuronal Nitric Oxide Synthase in Apolipoprotein E Knockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1539-1544.	2.4	63
23	HIF-1 or HIF-2 induction is sufficient to achieve cell cycle arrest in NIH3T3 mouse fibroblasts independent from hypoxia. <i>Cell Cycle</i> , 2009, 8, 1386-1395.	2.6	62
24	Pseudoexfoliation syndrome-associated genetic variants affect transcription factor binding and alternative splicing of LOXL1. <i>Nature Communications</i> , 2017, 8, 15466.	12.8	57
25	Ezetimibe potently reduces vascular inflammation and arteriosclerosis in eNOS-deficient ApoE ko mice. <i>Atherosclerosis</i> , 2009, 202, 48-57.	0.8	39
26	Now a Nobel gas: oxygen. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 1343-1358.	2.8	39
27	Selective Stabilization of HIF-1 $\beta$ in Renal Tubular Cells by 2-Oxoglutarate Analogues. <i>American Journal of Pathology</i> , 2012, 181, 1595-1606.	3.8	38
28	Factor inhibiting HIF limits the expression of hypoxia-inducible genes in podocytes and distal tubular cells. <i>Kidney International</i> , 2010, 78, 857-867.	5.2	35
29	Hypoxia and hypoxia-inducible factors in myeloid cell-driven host defense and tissue homeostasis. <i>Immunobiology</i> , 2015, 220, 305-314.	1.9	34
30	Hypoxia drives glucose transporter 3 expression through hypoxia-inducible transcription factor (HIF)-mediated induction of the long noncoding RNA NIC1. <i>Journal of Biological Chemistry</i> , 2020, 295, 4065-4078.	3.4	34
31	Multiple renal cancer susceptibility polymorphisms modulate the HIF pathway. <i>PLoS Genetics</i> , 2017, 13, e1006872.	3.5	34
32	Distal and proximal hypoxia response elements cooperate to regulate organ-specific erythropoietin gene expression. <i>Haematologica</i> , 2020, 105, 2774-2784.	3.5	27
33	Destruction of a distal hypoxia response element abolishes trans-activation of the PAG1 gene mediated by HIF-independent chromatin looping. <i>Nucleic Acids Research</i> , 2015, 43, 5810-5823.	14.5	25
34	P2Y2R is a direct target of HIF-1 $\beta$ and mediates secretion-dependent cyst growth of renal cyst-forming epithelial cells. <i>Purinergic Signalling</i> , 2016, 12, 687-695.	2.2	25
35	Expression of neuronal nitric oxide synthase splice variants in atherosclerotic plaques of apoE knockout mice. <i>Atherosclerosis</i> , 2009, 206, 383-389.	0.8	23
36	Androglobin gene expression patterns and FOXJ1-dependent regulation indicate its functional association with ciliogenesis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100291.	3.4	23

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37	Posttranscriptional Regulation of LOXL1 Expression Via Alternative Splicing and Nonsense-Mediated mRNA Decay as an Adaptive Stress Response. , 2017, 58, 5930.		20
38	Stimulation of lipogenesis in rat adipocytes by ATP, a ligand for P2-receptors. Biochemical and Biophysical Research Communications, 2004, 321, 767-773.	2.1	17
39	Î±-Ketoglutarate-related inhibitors of HIF prolyl hydroxylases are substrates of renal organic anion transporters 1 (OAT1) and 4 (OAT4). Pflugers Archiv European Journal of Physiology, 2012, 464, 367-374.	2.8	17
40	Severe aortic valve stenosis and nosebleed. International Journal of Cardiology, 2007, 120, 286-287.	1.7	12
41	The renal cancer risk allele at 14q24.2 activates a novel hypoxia-inducible transcription factor-binding enhancer of DPF3 expression. Journal of Biological Chemistry, 2022, 298, 101699.	3.4	10
42	Macrophage migration inhibitory factor is regulated by HIF-1Î± and cAMP and promotes renal cyst cell proliferation in a macrophage-independent manner. Journal of Molecular Medicine, 2020, 98, 1547-1559.	3.9	8
43	Loss of Polycystin-1 causes cAMP-dependent switch from tubule to cyst formation. IScience, 2022, 25, 104359.	4.1	6
44	Molecular diagnosis of kidney transplant failure based on urine. American Journal of Transplantation, 2020, 20, 1410-1416.	4.7	2
45	Unlocking the complexity of hypoxia non-coding transcriptome landscape of breast cancer. BMC Genomics, 2014, 15, .	2.8	1
46	Hypoxia-inducible Factor Crosses the Checkpoint. European Urology, 2016, 70, 633-634.	1.9	1
47	Hypercalcemia mimicking myocardial infarction. Kidney International, 2019, 96, 1428.	5.2	1
48	Mapping the HIF Transcription Factor in Cancer by ChIP-Seq Technology. , 2013, , 91-117.		0