

# Wolfram Goessling

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

9,186  
citations

87888

38  
h-index

60623

81  
g-index

88  
all docs

88  
docs citations

88  
times ranked

16307  
citing authors

#	ARTICLE	IF	CITATIONS
1	YAP deLIVERing the directions and the fuel. <i>Developmental Cell</i> , 2022, 57, 687-689.	7.0	0
2	Quantitative intravital imaging in zebrafish reveals <i>in vivo</i> dynamics of physiological-stress-induced mitophagy. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	35
3	Partial Hepatectomy in Adult Zebrafish. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	4
4	Hepatic Nervous System in Development, Regeneration, and Disease. <i>Hepatology</i> , 2021, 74, 3513-3522.	7.3	26
5	Identification of NQO2 As a Protein Target in Small Molecule Modulation of Hepatocellular Function. <i>ACS Chemical Biology</i> , 2021, 16, 1770-1778.	3.4	3
6	Clinicopathological findings in patients with COVID-19 associated ischaemic enterocolitis. <i>Histopathology</i> , 2021, 79, 1004-1017.	2.9	17
7	Learning During and From a Crisis: The Student-Led Development of a COVID-19 Curriculum. <i>Academic Medicine</i> , 2021, 96, 399-401.	1.6	16
8	The RNA helicase Ddx21 controls Vegfc-driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function. <i>Nature Cell Biology</i> , 2021, 23, 1136-1147.	10.3	17
9	A phase 2 clinical trial of the heat shock protein 90 (HSP 90) inhibitor ganetespib in patients with refractory advanced esophagogastric cancer. <i>Investigational New Drugs</i> , 2020, 38, 1533-1539.	2.6	13
10	The cationic amino acid exporter Slc7a7 is induced and vital in tissue macrophages with sustained efferoctytic activity. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	8
11	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. <i>Developmental Cell</i> , 2020, 55, 133-149.e6.	7.0	50
12	Functional compensation precedes recovery of tissue mass following acute liver injury. <i>Nature Communications</i> , 2020, 11, 5785.	12.8	56
13	Imaging Mass Spectrometry Reveals Tumor Metabolic Heterogeneity. <i>IScience</i> , 2020, 23, 101355.	4.1	17
14	Prospective Evaluation of Malignancy in 17,708 Patients Randomized to Ezetimibe Versus Placebo. <i>JACC: CardioOncology</i> , 2020, 2, 385-396.	4.0	7
15	Hepatobiliary Differentiation: Principles from Embryonic Liver Development. <i>Seminars in Liver Disease</i> , 2020, 40, 365-372.	3.6	1
16	Synthetic CRISPR/Cas9 reagents facilitate genome editing and homology directed repair. <i>Nucleic Acids Research</i> , 2020, 48, e38-e38.	14.5	34
17	Estrogen Acts Through Estrogen Receptor 2b to Regulate Hepatobiliary Fate During Vertebrate Development. <i>Hepatology</i> , 2020, 72, 1786-1799.	7.3	6
18	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , 2020, 52, 446-460.e5.	7.0	65

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19	Fetal alcohol spectrum disorder predisposes to metabolic abnormalities in adulthood. <i>Journal of Clinical Investigation</i> , 2020, 130, 2252-2269.	8.2	31
20	Mutations in RABL3 alter KRAS prenylation and are associated with hereditary pancreatic cancer. <i>Nature Genetics</i> , 2019, 51, 1308-1314.	21.4	47
21	Tfap2a is a novel gatekeeper of nephron differentiation during kidney development. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	41
22	There Is Something Fishy About Liver Cancer: Zebrafish Models of Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 347-363.	4.5	35
23	Position Is Destiny: Metabolism and Cell Identity. <i>Cell Metabolism</i> , 2019, 29, 1017-1019.	16.2	3
24	Estrogen Activation of G-Protein-Coupled Estrogen Receptor 1 Regulates Phosphoinositide 3-Kinase and mTOR Signaling to Promote Liver Growth in Zebrafish and Proliferation of Human Hepatocytes. <i>Gastroenterology</i> , 2019, 156, 1788-1804.e13.	1.3	69
25	Macrophages in Zebrafish Models of Liver Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2840.	4.8	34
26	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018, 37, .	7.8	73
27	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. <i>Npj Genomic Medicine</i> , 2018, 3, 21.	3.8	24
28	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. <i>Nature Genetics</i> , 2017, 49, 125-130.	21.4	116
29	The zebrafish kidney mutant zeppelin reveals that brca2/fancd1 is essential for pronephros development. <i>Developmental Biology</i> , 2017, 428, 148-163.	2.0	38
30	SOS2 and ACP1 Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 981-994.	6.1	39
31	Haematopoietic stem cells show their true colours. <i>Nature Cell Biology</i> , 2017, 19, 10-12.	10.3	3
32	Baiting for Cancer: Using the Zebrafish as a Model in Liver and Pancreatic Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2016, 916, 391-410.	1.6	7
33	EnaBLEing Growth in the Fetal Liver. <i>Cell Stem Cell</i> , 2016, 18, 427-428.	11.1	1
34	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. <i>Cell Reports</i> , 2016, 17, 458-468.	6.4	97
35	Iterative use of nuclear receptor Nr5a2 regulates multiple stages of liver and pancreas development. <i>Developmental Biology</i> , 2016, 418, 108-123.	2.0	32
36	Selenoprotein H is an essential regulator of redox homeostasis that cooperates with p53 in development and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5562-71.	7.1	49

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37	The Central Nervous System Regulates Embryonic HSPC Production via Stress-Responsive Glucocorticoid Receptor Signaling. <i>Cell Stem Cell</i> , 2016, 19, 370-382.	11.1	57
38	Nature and nurture: Environmental toxins and biliary atresia. <i>Hepatology</i> , 2016, 64, 717-719.	7.3	4
39	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016, 18, 886-896.	10.3	168
40	Cannabinoid receptor signaling regulates liver development and metabolism. <i>Development (Cambridge)</i> , 2016, 143, 609-622.	2.5	47
41	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
42	Hypoxia as a therapy for mitochondrial disease. <i>Science</i> , 2016, 352, 54-61.	12.6	339
43	Accumulation of the Vitamin D Precursor Cholecalciferol Antagonizes Hedgehog Signaling to Impair Hemogenic Endothelium Formation. <i>Stem Cell Reports</i> , 2015, 5, 471-479.	4.8	17
44	Cannabinoid Receptor-2 Regulates Embryonic Hematopoietic Stem Cell Development via Prostaglandin E2 and P-Selectin Activity. <i>Stem Cells</i> , 2015, 33, 2596-2612.	3.2	31
45	Ferritinophagy via NCOA4 is required for erythropoiesis and is regulated by iron dependent HERC2-mediated proteolysis. <i>ELife</i> , 2015, 4, .	6.0	309
46	Liver Regeneration in Zebrafish. , 2015, , 41-47.		1
47	ANKS6 is the critical activator of NEK8 kinase in embryonic situs determination and organ patterning. <i>Nature Communications</i> , 2015, 6, 6023.	12.8	43
48	The lure of zebrafish in liver research: regulation of hepatic growth in development and regeneration. <i>Current Opinion in Genetics and Development</i> , 2015, 32, 153-161.	3.3	42
49	Zebrafish: An Important Tool for Liver Disease Research. <i>Gastroenterology</i> , 2015, 149, 1361-1377.	1.3	211
50	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	5.2	113
51	Repairing quite swimmingly: advances in regenerative medicine using zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 769-776.	2.4	45
52	Take the brakes off for liver repair. <i>Nature</i> , 2014, 506, 299-300.	27.8	2
53	S-Nitrosothiol Signaling Regulates Liver Development and Improves Outcome following Toxic Liver Injury. <i>Cell Reports</i> , 2014, 6, 56-69.	6.4	45
54	Prostaglandin E2 Regulates Liver versus Pancreas Cell-Fate Decisions and Endodermal Outgrowth. <i>Developmental Cell</i> , 2014, 28, 423-437.	7.0	43

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55	Estrogen Defines the Dorsal-Ventral Limit of VEGF Regulation to Specify the Location of the Hemogenic Endothelial Niche. <i>Developmental Cell</i> , 2014, 29, 437-453.	7.0	36
56	è,è†“ä¿®á¾¼ ©ã®ã,«ã,®ã•è¡€ç®¡ã•ã,%ãã®ã,ã,°ãfŠãf«. <i>Nature Digest</i> , 2014, 11, 27-28.	0.0	0
57	Identification of small molecules for human hepatocyte expansion and iPS differentiation. <i>Nature Chemical Biology</i> , 2013, 9, 514-520.	8.0	230
58	Functional validation of GWAS gene candidates for abnormal liver function during zebrafish liver development. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1271-8.	2.4	30
59	Glucose metabolism impacts the spatiotemporal onset and magnitude of HSC induction in vivo. <i>Blood</i> , 2013, 121, 2483-2493.	1.4	96
60	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
61	Î²-Catenin-Driven Cancers Require a YAP1 Transcriptional Complex for Survival and Tumorigenesis. <i>Cell</i> , 2012, 151, 1457-1473.	28.9	647
62	Hepatic stellate cells and cirrhosis: Fishing for cures. <i>Hepatology</i> , 2012, 56, 1596-1598.	7.3	2
63	Rargb regulates organ laterality in a zebrafish model of right atrial isomerism. <i>Developmental Biology</i> , 2012, 372, 178-189.	2.0	32
64	Mutation mapping and identification by whole-genome sequencing. <i>Genome Research</i> , 2012, 22, 1541-1548.	5.5	126
65	Endoderm Specification, Liver Development, and Regeneration. <i>Methods in Cell Biology</i> , 2011, 101, 205-223.	1.1	10
66	Prostaglandin E2 Enhances Human Cord Blood Stem Cell Xenotransplants and Shows Long-Term Safety in Preclinical Nonhuman Primate Transplant Models. <i>Cell Stem Cell</i> , 2011, 8, 445-458.	11.1	250
67	Hematopoietic Stem Cell Development: Using the Zebrafish to Identify the Signaling Networks and Physical Forces Regulating Hematopoiesis. <i>Methods in Cell Biology</i> , 2011, 105, 117-136.	1.1	11
68	Genetic Association for Renal Traits among Participants of African Ancestry Reveals New Loci for Renal Function. <i>PLoS Genetics</i> , 2011, 7, e1002264.	3.5	109
69	FT1050 (16,16-dimethyl Prostaglandin E2)-Enhanced Umbilical Cord Blood Accelerates Hematopoietic Engraftment After Reduced Intensity Conditioning and Double Umbilical Cord Blood Transplantation. <i>Blood</i> , 2011, 118, 653-653.	1.4	11
70	PGE2-regulated wnt signaling and <i>N</i>-acetylcysteine are synergistically hepatoprotective in zebrafish acetaminophen injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17315-17320.	7.1	133
71	Topoisomerase III± Is Required for Embryonic Development and Liver Regeneration in Zebrafish. <i>Molecular and Cellular Biology</i> , 2009, 29, 3746-3753.	2.3	36
72	Genetic Interaction of PGE2 and Wnt Signaling Regulates Developmental Specification of Stem Cells and Regeneration. <i>Cell</i> , 2009, 136, 1136-1147.	28.9	628

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73	Hematopoietic Stem Cell Development Is Dependent on Blood Flow. <i>Cell</i> , 2009, 137, 736-748.	28.9	393
74	Î²-Catenin Determines Developmental Stage Specific Transformation by Hox Genes.. <i>Blood</i> , 2009, 114, 385-385.	1.4	1
75	Aminotransferase Levels and 20-Year Risk of Metabolic Syndrome, Diabetes, and Cardiovascular Disease. <i>Gastroenterology</i> , 2008, 135, 1935-1944.e1.	1.3	285
76	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. <i>Developmental Biology</i> , 2008, 320, 161-174.	2.0	173
77	Transparent Adult Zebrafish as a Tool for In Vivo Transplantation Analysis. <i>Cell Stem Cell</i> , 2008, 2, 183-189.	11.1	1,176
78	New Waves of Discovery: Modeling Cancer in Zebrafish. <i>Journal of Clinical Oncology</i> , 2007, 25, 2473-2479.	1.6	110
79	Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors. <i>Nature Methods</i> , 2007, 4, 551-553.	19.0	99
80	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. <i>Nature</i> , 2007, 447, 1007-1011.	27.8	1,037
81	Increased Liver Chemistry in an Asymptomatic Patient. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 852-858.	4.4	21
82	Merkel Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2002, 20, 588-598.	1.6	245
83	Amebic liver abscess. <i>Current Treatment Options in Gastroenterology</i> , 2002, 5, 443-449.	0.8	8
84	Role of apolipoprotein D in the transport of bilirubin in plasma. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G356-G365.	3.4	40