

Wolfram Goessling

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

9,186
citations

87723

38
h-index

60497

81
g-index

88
all docs

88
docs citations

88
times ranked

16307
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent Adult Zebrafish as a Tool for In Vivo Transplantation Analysis. <i>Cell Stem Cell</i> , 2008, 2, 183-189.	5.2	1,176
2	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. <i>Nature</i> , 2007, 447, 1007-1011.	13.7	1,037
3	β 2-Catenin-Driven Cancers Require a YAP1 Transcriptional Complex for Survival and Tumorigenesis. <i>Cell</i> , 2012, 151, 1457-1473.	13.5	647
4	Genetic Interaction of PGE2 and Wnt Signaling Regulates Developmental Specification of Stem Cells and Regeneration. <i>Cell</i> , 2009, 136, 1136-1147.	13.5	628
5	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
6	Hematopoietic Stem Cell Development Is Dependent on Blood Flow. <i>Cell</i> , 2009, 137, 736-748.	13.5	393
7	Hypoxia as a therapy for mitochondrial disease. <i>Science</i> , 2016, 352, 54-61.	6.0	339
8	Ferritinophagy via NCOA4 is required for erythropoiesis and is regulated by iron dependent HERC2-mediated proteolysis. <i>ELife</i> , 2015, 4, .	2.8	309
9	Aminotransferase Levels and 20-Year Risk of Metabolic Syndrome, Diabetes, and Cardiovascular Disease. <i>Gastroenterology</i> , 2008, 135, 1935-1944.e1.	0.6	285
10	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.	5.2	250
11	Merkel Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2002, 20, 588-598.	0.8	245
12	Identification of small molecules for human hepatocyte expansion and iPS differentiation. <i>Nature Chemical Biology</i> , 2013, 9, 514-520.	3.9	230
13	Zebrafish: An Important Tool for Liver Disease Research. <i>Gastroenterology</i> , 2015, 149, 1361-1377.	0.6	211
14	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. <i>Developmental Biology</i> , 2008, 320, 161-174.	0.9	173
15	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016, 18, 886-896.	4.6	168
16	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	1.5	166
17	PGE2-regulated wnt signaling and N-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.	3.3	133
18	Mutation mapping and identification by whole-genome sequencing. <i>Genome Research</i> , 2012, 22, 1541-1548.	2.4	126

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19	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.	9.4	116
20	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	2.6	113
21	New Waves of Discovery: Modeling Cancer in Zebrafish. <i>Journal of Clinical Oncology</i> , 2007, 25, 2473-2479.	0.8	110
22	Genetic Association for Renal Traits among Participants of African Ancestry Reveals New Loci for Renal Function. <i>PLoS Genetics</i> , 2011, 7, e1002264.	1.5	109
23	Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors. <i>Nature Methods</i> , 2007, 4, 551-553.	9.0	99
24	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. <i>Cell Reports</i> , 2016, 17, 458-468.	2.9	97
25	Glucose metabolism impacts the spatiotemporal onset and magnitude of HSC induction in vivo. <i>Blood</i> , 2013, 121, 2483-2493.	0.6	96
26	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018, 37, .	3.5	73
27	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.	0.6	69
28	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , 2020, 52, 446-460.e5.	3.1	65
29	The Central Nervous System Regulates Embryonic HSPC Production via Stress-Responsive Glucocorticoid Receptor Signaling. <i>Cell Stem Cell</i> , 2016, 19, 370-382.	5.2	57
30	Functional compensation precedes recovery of tissue mass following acute liver injury. <i>Nature Communications</i> , 2020, 11, 5785.	5.8	56
31	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. <i>Developmental Cell</i> , 2020, 55, 133-149.e6.	3.1	50
32	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.	3.3	49
33	Cannabinoid receptor signaling regulates liver development and metabolism. <i>Development (Cambridge)</i> , 2016, 143, 609-622.	1.2	47
34	Mutations in RABL3 alter KRAS prenylation and are associated with hereditary pancreatic cancer. <i>Nature Genetics</i> , 2019, 51, 1308-1314.	9.4	47
35	Repairing quite swimmingly: advances in regenerative medicine using zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 769-776.	1.2	45
36	S-Nitrosothiol Signaling Regulates Liver Development and Improves Outcome following Toxic Liver Injury. <i>Cell Reports</i> , 2014, 6, 56-69.	2.9	45

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37	Prostaglandin E2 Regulates Liver versus Pancreas Cell-Fate Decisions and Endodermal Outgrowth. <i>Developmental Cell</i> , 2014, 28, 423-437.	3.1	43
38	ANKS6 is the critical activator of NEK8 kinase in embryonic situs determination and organ patterning. <i>Nature Communications</i> , 2015, 6, 6023.	5.8	43
39	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.	1.5	42
40	Tfap2a is a novel gatekeeper of nephron differentiation during kidney development. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	41
41	Role of apolipoprotein D in the transport of bilirubin in plasma. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G356-G365.	1.6	40
42	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.	3.0	39
43	The zebrafish kidney mutant zeppelin reveals that brca2/fancd1 is essential for pronephros development. <i>Developmental Biology</i> , 2017, 428, 148-163.	0.9	38
44	Topoisomerase III β Is Required for Embryonic Development and Liver Regeneration in Zebrafish. <i>Molecular and Cellular Biology</i> , 2009, 29, 3746-3753.	1.1	36
45	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.	3.1	36
46	There Is Something Fishy About Liver Cancer: Zebrafish Models of Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 347-363.	2.3	35
47	Quantitative intravital imaging in zebrafish reveals <i>in vivo</i> dynamics of physiological-stress-induced mitophagy. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	35
48	Macrophages in Zebrafish Models of Liver Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2840.	2.2	34
49	Synthetic CRISPR/Cas9 reagents facilitate genome editing and homology directed repair. <i>Nucleic Acids Research</i> , 2020, 48, e38-e38.	6.5	34
50	Rargb regulates organ laterality in a zebrafish model of right atrial isomerism. <i>Developmental Biology</i> , 2012, 372, 178-189.	0.9	32
51	Iterative use of nuclear receptor Nr5a2 regulates multiple stages of liver and pancreas development. <i>Developmental Biology</i> , 2016, 418, 108-123.	0.9	32
52	Cannabinoid Receptor-2 Regulates Embryonic Hematopoietic Stem Cell Development via Prostaglandin E2 and P-Selectin Activity. <i>Stem Cells</i> , 2015, 33, 2596-2612.	1.4	31
53	Fetal alcohol spectrum disorder predisposes to metabolic abnormalities in adulthood. <i>Journal of Clinical Investigation</i> , 2020, 130, 2252-2269.	3.9	31
54	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.	1.2	30

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55	Hepatic Nervous System in Development, Regeneration, and Disease. <i>Hepatology</i> , 2021, 74, 3513-3522.	3.6	26
56	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. <i>Npj Genomic Medicine</i> , 2018, 3, 21.	1.7	24
57	Increased Liver Chemistry in an Asymptomatic Patient. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 852-858.	2.4	21
58	Accumulation of the Vitamin D Precursor Cholecalciferol Antagonizes Hedgehog Signaling to Impair Hemogenic Endothelium Formation. <i>Stem Cell Reports</i> , 2015, 5, 471-479.	2.3	17
59	Imaging Mass Spectrometry Reveals Tumor Metabolic Heterogeneity. <i>IScience</i> , 2020, 23, 101355.	1.9	17
60	Clinicopathological findings in patients with COVID-19-associated ischaemic enterocolitis. <i>Histopathology</i> , 2021, 79, 1004-1017.	1.6	17
61	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.	4.6	17
62	Learning During and From a Crisis: The Student-Led Development of a COVID-19 Curriculum. <i>Academic Medicine</i> , 2021, 96, 399-401.	0.8	16
63	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.	1.2	13
64	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.	0.5	11
65	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.	0.6	11
66	Endoderm Specification, Liver Development, and Regeneration. <i>Methods in Cell Biology</i> , 2011, 101, 205-223.	0.5	10
67	Amebic liver abscess. <i>Current Treatment Options in Gastroenterology</i> , 2002, 5, 443-449.	0.3	8
68	The cationic amino acid exporter Slc7a7 is induced and vital in tissue macrophages with sustained efferocytic activity. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	8
69	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.	0.8	7
70	Prospective Evaluation of Malignancy in 17,708 Patients Randomized to Ezetimibe Versus Placebo. <i>JACC: CardioOncology</i> , 2020, 2, 385-396.	1.7	7
71	Estrogen Acts Through Estrogen Receptor 2b to Regulate Hepatobiliary Fate During Vertebrate Development. <i>Hepatology</i> , 2020, 72, 1786-1799.	3.6	6
72	Nature and nurture: Environmental toxins and biliary atresia. <i>Hepatology</i> , 2016, 64, 717-719.	3.6	4

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73	Partial Hepatectomy in Adult Zebrafish. Journal of Visualized Experiments, 2021, , .	0.2	4
74	Haematopoietic stem cells show their true colours. Nature Cell Biology, 2017, 19, 10-12.	4.6	3
75	Position Is Destiny: Metabolism and Cell Identity. Cell Metabolism, 2019, 29, 1017-1019.	7.2	3
76	Identification of NQO2 As a Protein Target in Small Molecule Modulation of Hepatocellular Function. ACS Chemical Biology, 2021, 16, 1770-1778.	1.6	3
77	Hepatic stellate cells and cirrhosis: Fishing for cures. Hepatology, 2012, 56, 1596-1598.	3.6	2
78	Take the brakes off for liver repair. Nature, 2014, 506, 299-300.	13.7	2
79	Liver Regeneration in Zebrafish. , 2015, , 41-47.		1
80	EnaBILeIng Growth in the Fetal Liver. Cell Stem Cell, 2016, 18, 427-428.	5.2	1
81	Hepatobiliary Differentiation: Principles from Embryonic Liver Development. Seminars in Liver Disease, 2020, 40, 365-372.	1.8	1
82	Î²-Catenin Determines Developmental Stage Specific Transformation by Hox Genes.. Blood, 2009, 114, 385-385.	0.6	1
83	è,è†“ä¸â¼ ©ã¸ã,«ã,¸ã¸è¦¸ç¸¸ã¸ã,%¸ã¸ã,ã,¸ã¸Šã¸f«. Nature Digest, 2014, 11, 27-28.	0.0	0
84	YAPâ€deLIVERing the directions and the fuel. Developmental Cell, 2022, 57, 687-689.	3.1	0