Wolfram Goessling

List of Publications by Year
in descending order

84	9,186	87888 38	60623 81
papers	citations	h-index	g-index

88	88	88	16307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transparent Adult Zebrafish as a Tool for In Vivo Transplantation Analysis. Cell Stem Cell, 2008, 2, 183-189.	11.1	1,176
2	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. Nature, 2007, 447, 1007-1011.	27.8	1,037
3	Î²-Catenin-Driven Cancers Require a YAP1 Transcriptional Complex for Survival and Tumorigenesis. Cell, 2012, 151, 1457-1473.	28.9	647
4	Genetic Interaction of PGE2 and Wnt Signaling Regulates Developmental Specification of Stem Cells and Regeneration. Cell, 2009, 136, 1136-1147.	28.9	628
5	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
6	Hematopoietic Stem Cell Development Is Dependent on Blood Flow. Cell, 2009, 137, 736-748.	28.9	393
7	Hypoxia as a therapy for mitochondrial disease. Science, 2016, 352, 54-61.	12.6	339
8	Ferritinophagy via NCOA4 is required for erythropoiesis and is regulated by iron dependent HERC2-mediated proteolysis. ELife, 2015, 4, .	6.0	309
9	Aminotransferase Levels and 20-Year Risk of Metabolic Syndrome, Diabetes, and Cardiovascular Disease. Gastroenterology, 2008, 135, 1935-1944.e1.	1.3	285
10	Prostaglandin E2 Enhances Human Cord Blood Stem Cell Xenotransplants and Shows Long-Term Safety in Preclinical Nonhuman Primate Transplant Models. Cell Stem Cell, 2011, 8, 445-458.	11.1	250
11	Merkel Cell Carcinoma. Journal of Clinical Oncology, 2002, 20, 588-598.	1.6	245
12	Identification of small molecules for human hepatocyte expansion and iPS differentiation. Nature Chemical Biology, 2013, 9, 514-520.	8.0	230
13	Zebrafish: An Important Tool for Liver Disease Research. Gastroenterology, 2015, 149, 1361-1377.	1.3	211
14	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. Developmental Biology, 2008, 320, 161-174.	2.0	173
15	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. Nature Cell Biology, 2016, 18, 886-896.	10.3	168
16	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. PLoS Genetics, 2012, 8, e1002584.	3.5	166
17	PGE2-regulated wnt signaling and N -acetylcysteine are synergistically hepatoprotective in zebrafish acetaminophen injury. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17315-17320.	7.1	133
18	Mutation mapping and identification by whole-genome sequencing. Genome Research, 2012, 22, 1541-1548.	5.5	126

#	Article	IF	Citations
19	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. Nature Genetics, 2017, 49, 125-130.	21.4	116
20	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	5.2	113
21	New Waves of Discovery: Modeling Cancer in Zebrafish. Journal of Clinical Oncology, 2007, 25, 2473-2479.	1.6	110
22	Genetic Association for Renal Traits among Participants of African Ancestry Reveals New Loci for Renal Function. PLoS Genetics, 2011, 7, e1002264.	3.5	109
23	Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors. Nature Methods, 2007, 4, 551-553.	19.0	99
24	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. Cell Reports, 2016, 17, 458-468.	6.4	97
25	Glucose metabolism impacts the spatiotemporal onset and magnitude of HSC induction in vivo. Blood, 2013, 121, 2483-2493.	1.4	96
26	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. EMBO Journal, 2018, 37, .	7.8	73
27	Estrogen Activation of G-Proteinâ€“Coupled Estrogen Receptor 1 Regulates Phosphoinositide 3-Kinase and mTOR Signaling to Promote Liver Growth in Zebrafish and Proliferation of HumanÂHepatocytes. Gastroenterology, 2019, 156, 1788-1804.e13.	1.3	69
28	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. Developmental Cell, 2020, 52, 446-460.e5.	7.0	65
29	The Central Nervous System Regulates Embryonic HSPC Production via Stress-Responsive Glucocorticoid Receptor Signaling. Cell Stem Cell, 2016, 19, 370-382.	11.1	57
30	Functional compensation precedes recovery of tissue mass following acute liver injury. Nature Communications, 2020, 11, 5785.	12.8	56
31	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. Developmental Cell, 2020, 55, 133-149.e6.	7.0	50
32	Selenoprotein H is an essential regulator of redox homeostasis that cooperates with p53 in development and tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5562-71.	7.1	49
33	Cannabinoid receptor signaling regulates liver development and metabolism. Development (Cambridge), 2016, 143, 609-622.	2.5	47
34	Mutations in RABL3 alter KRAS prenylation and are associated with hereditary pancreatic cancer. Nature Genetics, 2019, 51, 1308-1314.	21.4	47
35	Repairing quite swimmingly: advances in regenerative medicine using zebrafish. DMM Disease Models and Mechanisms, 2014, 7, 769-776.	2.4	45
36	S-Nitrosothiol Signaling Regulates Liver Development and Improves Outcome following Toxic Liver Injury. Cell Reports, 2014, 6, 56-69.	6.4	45

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37	Prostaglandin E2 Regulates Liver versus Pancreas Cell-Fate Decisions and Endodermal Outgrowth. Developmental Cell, 2014, 28, 423-437.	7.0	43
38	ANKS6 is the critical activator of NEK8 kinase in embryonic situs determination and organ patterning. Nature Communications, 2015, 6, 6023.	12.8	43
39	The lure of zebrafish in liver research: regulation of hepatic growth in development and regeneration. Current Opinion in Genetics and Development, 2015, 32, 153-161.	3.3	42
40	Tfap2a is a novel gatekeeper of nephron differentiation during kidney development. Development (Cambridge), 2019, 146, .	2.5	41
41	Role of apolipoprotein D in the transport of bilirubin in plasma. American Journal of Physiology - Renal Physiology, 2000, 279, G356-G365.	3.4	40
42	SOS2 and ACP1 Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. Journal of the American Society of Nephrology: JASN, 2017, 28, 981-994.	6.1	39
43	The zebrafish kidney mutant zeppelin reveals that brca2/fancd1 is essential for pronephros development. Developmental Biology, 2017, 428, 148-163.	2.0	38
44	Topoisomerase IIÎ± Is Required for Embryonic Development and Liver Regeneration in Zebrafish. Molecular and Cellular Biology, 2009, 29, 3746-3753.	2.3	36
45	Estrogen Defines the Dorsal-Ventral Limit of VEGF Regulation to Specify the Location of the Hemogenic Endothelial Niche. Developmental Cell, 2014, 29, 437-453.	7.0	36
46	There Is Something Fishy About Liver Cancer: Zebrafish Models of Hepatocellular Carcinoma. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 347-363.	4.5	35
47	Quantitative intravital imaging in zebrafish reveals in vivo dynamics of physiological-stress-induced mitophagy. Journal of Cell Science, 2021, 134, .	2.0	35
48	Macrophages in Zebrafish Models of Liver Diseases. Frontiers in Immunology, 2019, 10, 2840.	4.8	34
49	Synthetic CRISPR/Cas9 reagents facilitate genome editing and homology directed repair. Nucleic Acids Research, 2020, 48, e38-e38.	14.5	34
50	Rargb regulates organ laterality in a zebrafish model of right atrial isomerism. Developmental Biology, 2012, 372, 178-189.	2.0	32
51	Iterative use of nuclear receptor Nr5a2 regulates multiple stages of liver and pancreas development. Developmental Biology, 2016, 418, 108-123.	2.0	32
52	Cannabinoid Receptor-2 Regulates Embryonic Hematopoietic Stem Cell Development via Prostaglandin E2 and P-Selectin Activity. Stem Cells, 2015, 33, 2596-2612.	3.2	31
53	Fetal alcohol spectrum disorder predisposes to metabolic abnormalities in adulthood. Journal of Clinical Investigation, 2020, 130, 2252-2269.	8.2	31
54	Functional validation of GWAS gene candidates for abnormal liver function during zebrafish liver development. DMM Disease Models and Mechanisms, 2013, 6, 1271-8.	2.4	30

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55	Hepatic Nervous System in Development, Regeneration, and Disease. Hepatology, 2021, 74, 3513-3522.	7.3	26
56	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. Npj Genomic Medicine, 2018, 3, 21.	3.8	24
57	Increased Liver Chemistry in an Asymptomatic Patient. Clinical Gastroenterology and Hepatology, 2005, 3, 852-858.	4.4	21
58	Accumulation of the Vitamin D Precursor Cholecalciferol Antagonizes Hedgehog Signaling to Impair Hemogenic Endothelium Formation. Stem Cell Reports, 2015, 5, 471-479.	4.8	17
59	Imaging Mass Spectrometry Reveals Tumor Metabolic Heterogeneity. IScience, 2020, 23, 101355.	4.1	17
60	Clinicopathological findings in patients with COVIDâ€19â€associated ischaemic enterocolitis. Histopathology, 2021, 79, 1004-1017.	2.9	17
61	The RNA helicase Ddx21 controls Vegfc-driven developmental lymphangiogenesis by balancing endothelial cell ribosome biogenesis and p53 function. Nature Cell Biology, 2021, 23, 1136-1147.	10.3	17
62	Learning During and From a Crisis: The Student-Led Development of a COVID-19 Curriculum. Academic Medicine, 2021, 96, 399-401.	1.6	16
63	A phase 2 clinical trial of the heat shock protein 90 (HSP 90) inhibitor ganetespib in patients with refractory advanced esophagogastric cancer. Investigational New Drugs, 2020, 38, 1533-1539.	2.6	13
64	Hematopoietic Stem Cell Development: Using the Zebrafish to Identify the Signaling Networks and Physical Forces Regulating Hematopoiesis. Methods in Cell Biology, 2011, 105, 117-136.	1.1	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. Blood, 2011, 118, 653-653.	1.4	11
66	Endoderm Specification, Liver Development, and Regeneration. Methods in Cell Biology, 2011, 101, 205-223.	1.1	10
67	Amebic liver abscess. Current Treatment Options in Gastroenterology, 2002, 5, 443-449.	0.8	8
68	The cationic amino acid exporter Slc7a7 is induced and vital in tissue macrophages with sustained efferocytic activity. Journal of Cell Science, 2020, 133, .	2.0	8
69	Baiting for Cancer: Using the Zebrafish as a Model in Liver and Pancreatic Cancer. Advances in Experimental Medicine and Biology, 2016, 916, 391-410.	1.6	7
70	Prospective Evaluation of Malignancy in 17,708 Patients Randomized to Ezetimibe Versus Placebo. JACC: CardioOncology, 2020, 2, 385-396.	4.0	7
71	Estrogen Acts Through Estrogen Receptor 2b to Regulate Hepatobiliary Fate During Vertebrate Development. Hepatology, 2020, 72, 1786-1799.	7.3	6
72	Nature and nurture: Environmental toxins and biliary atresia. Hepatology, 2016, 64, 717-719.	7.3	4

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73	Partial Hepatectomy in Adult Zebrafish. Journal of Visualized Experiments, 2021, , .	0.3	4
74	Haematopoietic stem cells show their true colours. Nature Cell Biology, 2017, 19, 10-12.	10.3	3
75	Position Is Destiny: Metabolism and Cell Identity. Cell Metabolism, 2019, 29, 1017-1019.	16.2	3
76	Identification of NQO2 As a Protein Target in Small Molecule Modulation of Hepatocellular Function. ACS Chemical Biology, 2021, 16, 1770-1778.	3.4	3
77	Hepatic stellate cells and cirrhosis: Fishing for cures. Hepatology, 2012, 56, 1596-1598.	7.3	2
78	Take the brakes off for liver repair. Nature, 2014, 506, 299-300.	27.8	2
79	Liver Regeneration in Zebrafish. , 2015, , 41-47.		1
80	EnaBILEing Growth in the Fetal Liver. Cell Stem Cell, 2016, 18, 427-428.	11.1	1
81	Hepatobiliary Differentiation: Principles from Embryonic Liver Development. Seminars in Liver Disease, 2020, 40, 365-372.	3.6	1
82	Î²-Catenin Determines Developmental Stage Specific Transformation by Hox Genes.. Blood, 2009, 114, 385-385.	1.4	1
83	è‚‡“ä¿®å¾©ãªã‚«ãªã¯è¡€ç®¡ã‹ã‚‰ãªã‚·ã‚°ãƒŠãƒ«. Nature Digest, 2014, 11, 27-28.	0.0	0
84	YAPâ€”deLIVERing the directions and the fuel. Developmental Cell, 2022, 57, 687-689.	7.0	0