

Neil A Hukriede

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,962
citations

279798

23
h-index

254184

43
g-index

51
all docs

51
docs citations

51
times ranked

2390
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of adult nephron progenitors capable of kidney regeneration in zebrafish. <i>Nature</i> , 2011, 470, 95-100.	27.8	258
2	A Gene Expression Screen in Zebrafish Embryogenesis. <i>Genome Research</i> , 2001, 11, 1979-1987.	5.5	202
3	Histone Deacetylase Inhibitor Enhances Recovery after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 943-953.	6.1	160
4	Automated image-based phenotypic analysis in zebrafish embryos. <i>Developmental Dynamics</i> , 2009, 238, 656-663.	1.8	121
5	Generation of a transgenic zebrafish model of Tauopathy using a novel promoter element derived from the zebrafish <i>eno2</i> gene. <i>Nucleic Acids Research</i> , 2007, 35, 6501-6516.	14.5	104
6	Inhibition of Histone Deacetylase Expands the Renal Progenitor Cell Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 794-802.	6.1	104
7	A PTBA small molecule enhances recovery and reduces postinjury fibrosis after aristolochic acid-induced kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F496-F504.	2.7	68
8	Retinoic Acid Signaling Coordinates Macrophage-Dependent Injury and Repair after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 495-508.	6.1	65
9	The role of macrophages during acute kidney injury: destruction and repair. <i>Pediatric Nephrology</i> , 2019, 34, 561-569.	1.7	65
10	Intravenous Microinjections of Zebrafish Larvae to Study Acute Kidney Injury. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	53
11	Zebrafish kidney development: Basic science to translational research. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2011, 93, 141-156.	3.6	52
12	<sc>OCRL1</sc> Modulates Cilia Length in Renal Epithelial Cells. <i>Traffic</i> , 2012, 13, 1295-1305.	2.7	52
13	HDAC inhibitors in kidney development and disease. <i>Pediatric Nephrology</i> , 2013, 28, 1909-1921.	1.7	52
14	Lhx1 Is Required for Specification of the Renal Progenitor Cell Field. <i>PLoS ONE</i> , 2011, 6, e18858.	2.5	41
15	Characterization of an <i>lhx1a</i> transgenic reporter in zebrafish. <i>International Journal of Developmental Biology</i> , 2010, 54, 731-736.	0.6	39
16	Development of automated imaging and analysis for zebrafish chemical screens.. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	35
17	Experimental models of acute kidney injury for translational research. <i>Nature Reviews Nephrology</i> , 2022, 18, 277-293.	9.6	32
18	BMP and retinoic acid regulate anterior-posterior patterning of the non-axial mesoderm across the dorsal-ventral axis. <i>Nature Communications</i> , 2016, 7, 12197.	12.8	30

#	ARTICLE	IF	CITATIONS
19	Delayed treatment with PTBA analogs reduces postinjury renal fibrosis after kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F705-F716.	2.7	28
20	osr1 Is Required for Podocyte Development Downstream of wt1a. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2539-2545.	6.1	27
21	Development of High-Content Assays for Kidney Progenitor Cell Expansion in Transgenic Zebrafish. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1193-1202.	2.6	26
22	Kidney regeneration: common themes from the embryo to the adult. <i>Pediatric Nephrology</i> , 2014, 29, 553-564.	1.7	26
23	Sepsis-Associated Acute Kidney Injury: A Problem Deserving of New Solutions. <i>Nephron</i> , 2019, 143, 174-178.	1.8	26
24	Wnt signaling mediates new nephron formation during zebrafish kidney regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	26
25	Scalable and Concise Synthesis of Dichlorofluorescein Derivatives Displaying Tissue Permeation in Live Zebrafish Embryos. <i>ChemBioChem</i> , 2008, 9, 214-218.	2.6	25
26	A zebrafish model of infection-associated acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F291-F299.	2.7	25
27	Kidney repair and regeneration: perspectives of the NIDDK (Re)Building a Kidney consortium. <i>Kidney International</i> , 2022, 101, 845-853.	5.2	22
28	A Simplified Synthesis of Novel Dictyostatin Analogues with <i>In Vitro</i> Activity against Epothilone Resistant Cells and Antiangiogenic Activity in Zebrafish Embryos. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 994-1006.	4.1	21
29	Enhancing regeneration after acute kidney injury by promoting cellular dedifferentiation in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	21
30	Protocol for Large-Scale Production of Kidney Organoids from Human Pluripotent Stem Cells. <i>STAR Protocols</i> , 2020, 1, 100150.	1.2	18
31	<i>Bim</i> gene dosage is critical in modulating nephron progenitor survival in the absence of microRNAs during kidney development. <i>FASEB Journal</i> , 2017, 31, 3540-3554.	0.5	15
32	Modeling oxidative injury response in human kidney organoids. <i>Stem Cell Research and Therapy</i> , 2022, 13, 76.	5.5	14
33	Time-dependent effects of histone deacetylase inhibition in sepsis-associated acute kidney injury. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 9.	1.9	12
34	Zebrafish Models of Kidney Damage and Repair. <i>Current Pathobiology Reports</i> , 2015, 3, 163-170.	3.4	11
35	The Utility of Human Kidney Organoids in Modeling Kidney Disease. <i>Seminars in Nephrology</i> , 2020, 40, 188-198.	1.6	11
36	Validation of HDAC8 Inhibitors as Drug Discovery Starting Points to Treat Acute Kidney Injury. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 207-215.	4.9	11

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37	Conserved Overlapping Gene Arrangement, Restricted Expression, and Biochemical Activities of DNA Polymerase β (POLN). <i>Journal of Biological Chemistry</i> , 2015, 290, 24278-24293.	3.4	9
38	Kidney Regeneration: Lessons from Development. <i>Current Pathobiology Reports</i> , 2015, 3, 67-79.	3.4	9
39	Drug Discovery to Halt the Progression of Acute Kidney Injury to Chronic Kidney Disease: A Case for Phenotypic Drug Discovery in Acute Kidney Injury. <i>Nephron</i> , 2017, 137, 268-272.	1.8	9
40	Wnt8a expands the pool of embryonic kidney progenitors in zebrafish. <i>Developmental Biology</i> , 2017, 425, 130-141.	2.0	8
41	A Simplified Method for Generating Kidney Organoids from Human Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	7
42	The Lhx1-Ldb1 complex interacts with Furry to regulate microRNA expression during pronephric kidney development. <i>Scientific Reports</i> , 2018, 8, 16029.	3.3	6
43	Exploiting Analysis of Heterogeneity to Increase the Information Content Extracted from Fluorescence Micrographs of Transgenic Zebrafish Embryos. <i>Assay and Drug Development Technologies</i> , 2017, 15, 257-266.	1.2	4
44	The human nephrin Y1139RSL motif is essential for podocyte foot process organization and slit diaphragm formation during glomerular development. <i>Journal of Biological Chemistry</i> , 2019, 294, 10773-10788.	3.4	4
45	Apical Targeting and Endocytosis of the Sialomucin Endolyn are Essential for Establishment of Zebrafish Pronephric Kidney Function. <i>Journal of Cell Science</i> , 2012, 125, 5546-54.	2.0	3
46	A predicted Francisella tularensis DXD-motif glycosyltransferase blocks immune activation. <i>Virulence</i> , 2019, 10, 643-656.	4.4	3
47	Making a Tubule the Noncanonical Way. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1575-1577.	6.1	1
48	Introduction: The 2019 Federation of American Societies for Experimental Biology Acute Kidney Injury From Bench to Bedside Conference. <i>Seminars in Nephrology</i> , 2020, 40, 99-100.	1.6	1
49	Small molecules in regeneration. , 2022, , 451-464.		0