

Krishna Prasad

List of Publications by Year in descending order

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33
papers

1,347
citations

430442

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414034

32
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docs citations

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times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarized macrophages promote gestational beta cell growth through extracellular signal-regulated kinase 5 signalling. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1721-1733.	2.2	3
2	Chemical pancreatectomy treats chronic pancreatitis while preserving endocrine function in preclinical models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	6
3	Insulin-positive ductal cells do not migrate into preexisting islets during pregnancy. <i>Experimental and Molecular Medicine</i> , 2021, 53, 605-614.	3.2	2
4	Conversion of β_1 -Cells to β_2 -Cells in the Postpartum Mouse Pancreas Involves Lgr5 Progeny. <i>Diabetes</i> , 2021, 70, 1508-1518.	0.3	5
5	Mechanisms of Impaired Lung Development and Ciliation in Mannosidase-1-Alpha-2 (Man1a2) Mutants. <i>Frontiers in Physiology</i> , 2021, 12, 658518.	1.3	2
6	β_2 -cell Smad2 null mice have improved β_2 -cell function and are protected from diet-induced hyperglycemia. <i>Journal of Biological Chemistry</i> , 2021, 297, 101235.	1.6	5
7	Pancreatic Duct Infusion: An Effective and Selective Method of Drug and Viral Delivery. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
8	Alpha-to-beta cell trans-differentiation for treatment of diabetes. <i>Biochemical Society Transactions</i> , 2021, 49, 2539-2548.	1.6	8
9	Biliary-Atresia-Associated Mannosidase-1-Alpha-2 Gene Regulates Biliary and Ciliary Morphogenesis and Laterality. <i>Frontiers in Physiology</i> , 2020, 11, 538701.	1.3	13
10	Placental growth factor in beta cells plays an essential role in gestational beta-cell growth. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000921.	1.2	12
11	SMAD7 enhances adult β_2 -cell proliferation without significantly affecting β_2 -cell function in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 4858-4869.	1.6	12
12	Evidence of a developmental origin of beta-cell heterogeneity using a dual lineage tracing technology. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	11
13	Endogenous Reprogramming of Alpha Cells into Beta Cells, Induced by Viral Gene Therapy, Reverses Autoimmune Diabetes. <i>Cell Stem Cell</i> , 2018, 22, 78-90.e4.	5.2	138
14	Cgcr CreERT2 knockin mice as a tool for genetic manipulation in pancreatic alpha cells. <i>Diabetologia</i> , 2017, 60, 2399-2408.	2.9	27
15	SMAD3/Stat3 Signaling Mediates β_2 -Cell Epithelial-Mesenchymal Transition in Chronic Pancreatitis-Related Diabetes. <i>Diabetes</i> , 2017, 66, 2646-2658.	0.3	31
16	Targeted Inhibition of Pancreatic Acinar Cell Calcineurin Is a Novel Strategy to Prevent Post-ERCP Pancreatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 119-128.	2.3	25
17	Autophagy protects pancreatic beta cell mass and function in the setting of a high-fat and high-glucose diet. <i>Scientific Reports</i> , 2017, 7, 16348.	1.6	57
18	PNA lectin for purifying mouse acinar cells from the inflamed pancreas. <i>Scientific Reports</i> , 2016, 6, 21127.	1.6	8

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19	Transient Suppression of TGF β 2 Receptor Signaling Facilitates Human Islet Transplantation. <i>Endocrinology</i> , 2016, 157, 1348-1356.	1.4	29
20	A synopsis of factors regulating beta cell development and beta cell mass. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3623-3637.	2.4	9
21	Epidermal Growth Factor Receptor Signaling Regulates β 2 Cell Proliferation in Adult Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 22630-22637.	1.6	30
22	Intra-islet Pancreatic Ducts Can Give Rise to Insulin-Positive Cells. <i>Endocrinology</i> , 2016, 157, 166-175.	1.4	42
23	M2 macrophages promote beta-cell proliferation by up-regulation of SMAD7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1211-20.	3.3	267
24	A Smad Signaling Network Regulates Islet Cell Proliferation. <i>Diabetes</i> , 2014, 63, 224-236.	0.3	64
25	Pancreatic cell tracing, lineage tagging and targeted genetic manipulations in multiple cell types using pancreatic ductal infusion of adeno-associated viral vectors and/or cell-tagging dyes. <i>Nature Protocols</i> , 2014, 9, 2719-2724.	5.5	64
26	Smad signaling pathways regulate pancreatic endocrine development. <i>Developmental Biology</i> , 2013, 378, 83-93.	0.9	32
27	Neurogenin3 Activation Is Not Sufficient to Direct Duct-to-Beta Cell Transdifferentiation in the Adult Pancreas. <i>Journal of Biological Chemistry</i> , 2013, 288, 25297-25308.	1.6	38
28	TGF β 2 Receptor Signaling Is Essential for Inflammation-Induced but Not β 2-Cell Workload-Induced β 2-Cell Proliferation. <i>Diabetes</i> , 2013, 62, 1217-1226.	0.3	97
29	β 2-Cells are dispensable in postnatal morphogenesis and maturation of mouse pancreatic islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1030-E1040.	1.8	32
30	Hypoglycemia Reduces Vascular Endothelial Growth Factor A Production by Pancreatic Beta Cells as a Regulator of Beta Cell Mass. <i>Journal of Biological Chemistry</i> , 2013, 288, 8636-8646.	1.6	85
31	Whole-mount Imaging Demonstrates Hypervascularity of the Pancreatic Ducts and Other Pancreatic Structures. <i>Anatomical Record</i> , 2012, 295, 465-473.	0.8	16
32	Duct Cells Contribute to Regeneration of Endocrine and Acinar Cells Following Pancreatic Damage in Adult Mice. <i>Gastroenterology</i> , 2011, 141, 1451-1462.e6.	0.6	124
33	TGF- β 2 isoform signaling regulates secondary transition and mesenchymal-induced endocrine development in the embryonic mouse pancreas. <i>Developmental Biology</i> , 2007, 305, 508-521.	0.9	53