

# Grard Gradwohl

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5616561/gerard-gradwohl-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65 papers	9,125 citations	37 h-index	70 g-index
70 ext. papers	9,758 ext. citations	9.7 avg, IF	5.27 L-index

#	Paper	IF	Citations
65	Reduced Neurog3 Gene Dosage Shifts Enteroendocrine Progenitor Towards Goblet Cell Lineage in the Mouse Intestine. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 11, 433-448	7.9	2
64	Adhesion receptor ADGRG2/GPR64 is in the GI-tract selectively expressed in mature intestinal tuft cells. <i>Molecular Metabolism</i> , <b>2021</b> , 51, 101231	8.8	4
63	Extensive NEUROG3 occupancy in the human pancreatic endocrine gene regulatory network. <i>Molecular Metabolism</i> , <b>2021</b> , 53, 101313	8.8	1
62	Retraction Note: Transient cytokine treatment induces acinar cell reprogramming and regenerates functional beta cell mass in diabetic mice. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 374	44.5	1
61	is required to specify a subset of ventromedial hypothalamic neurons. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	4
60	Rfx6 promotes the differentiation of peptide-secreting enteroendocrine cells while repressing genetic programs controlling serotonin production. <i>Molecular Metabolism</i> , <b>2019</b> , 29, 24-39	8.8	19
59	A transcriptomic roadmap to EndoCell differentiation in the embryonic pancreas. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	7
58	Expression and functional studies of the GDNF family receptor alpha 3 in the pancreas. <i>Journal of Molecular Endocrinology</i> , <b>2016</b> , 56, 77-90	4.5	2
57	STAT3 modulates EndoCell cycling in injured mouse pancreas and protects against DNA damage. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2272	9.8	11
56	Differentially Expressed MicroRNA-483 Confers Distinct Functions in Pancreatic EndoCells. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 19955-66	5.4	29
55	Pairing-up SOX to kick-start beta cell genesis. <i>Diabetologia</i> , <b>2015</b> , 58, 859-61	10.3	2
54	Transient cytokine treatment induces acinar cell reprogramming and regenerates functional beta cell mass in diabetic mice. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 76-83	44.5	147
53	Rfx6 maintains the functional identity of adult pancreatic EndoCells. <i>Cell Reports</i> , <b>2014</b> , 9, 2219-32	10.6	78
52	Pak3 promotes cell cycle exit and differentiation of EndoCells in the embryonic pancreas and is necessary to maintain glucose homeostasis in adult mice. <i>Diabetes</i> , <b>2014</b> , 63, 203-15	0.9	29
51	Short-term overexpression of VEGF-A in mouse beta cells indirectly stimulates their proliferation and protects against diabetes. <i>Diabetologia</i> , <b>2014</b> , 57, 140-7	10.3	15
50	Adult duct-lining cells can reprogram into EndoCell like cells able to counter repeated cycles of toxin-induced diabetes. <i>Developmental Cell</i> , <b>2013</b> , 26, 86-100	10.2	144
49	Conditional deletion of neurogenin-3 using Nkx2.1Cre results in a mouse model for the central control of feeding, activity and obesity. <i>DMM Disease Models and Mechanisms</i> , <b>2013</b> , 6, 1133-45	4.1	19

48	Competence of failed endocrine progenitors to give rise to acinar but not ductal cells is restricted to early pancreas development. <i>Developmental Biology</i> , <b>2012</b> , 361, 277-85	3.1	30
47	Pancreatic islet and progenitor cell surface markers with cell sorting potential. <i>Diabetologia</i> , <b>2012</b> , 55, 154-65	10.3	35
46	The homeodomain-containing transcription factors Arx and Pax4 control enteroendocrine subtype specification in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e36449	3.7	63
45	The transcriptional co-repressor Grg3/Tle3 promotes pancreatic endocrine progenitor delamination and Ecell differentiation. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 1447-56	6.6	22
44	Differential requirements for neurogenin 3 in the development of POMC and NPY neurons in the hypothalamus. <i>Developmental Biology</i> , <b>2011</b> , 349, 406-16	3.1	71
43	Enteroendocrine cells and lipid absorption. <i>Current Opinion in Lipidology</i> , <b>2011</b> , 22, 171-5	4.4	16
42	Rfx6 is an Ngn3-dependent winged helix transcription factor required for pancreatic islet cell development. <i>Development (Cambridge)</i> , <b>2010</b> , 137, 203-12	6.6	103
41	Expression of neuropeptide Y and agouti-related peptide in the hypothalamic arcuate nucleus of newborn neurogenin3 null mutant mice. <i>Cell and Tissue Research</i> , <b>2010</b> , 340, 137-45	4.2	6
40	Loss of enteroendocrine cells in mice alters lipid absorption and glucose homeostasis and impairs postnatal survival. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1708-21	15.9	60
39	Transcription factor PROX1 induces colon cancer progression by promoting the transition from benign to highly dysplastic phenotype. <i>Cancer Cell</i> , <b>2008</b> , 13, 407-19	24.3	140
38	Beta cells can be generated from endogenous progenitors in injured adult mouse pancreas. <i>Cell</i> , <b>2008</b> , 132, 197-207	56.2	817
37	GeneSpeed Beta Cell: an online genomics data repository and analysis resource tailored for the islet cell biologist. <i>Experimental Diabetes Research</i> , <b>2008</b> , 2008, 312060		7
36	Characterization of the proneural gene regulatory network during mouse telencephalon development. <i>BMC Biology</i> , <b>2008</b> , 6, 15	7.3	85
35	In vitro models of intestinal epithelial cell differentiation. <i>Cell Biology and Toxicology</i> , <b>2007</b> , 23, 241-56	7.4	93
34	Transcription factors in pancreatic development. Animal models. <i>Endocrine Development</i> , <b>2007</b> , 12, 24-32		19
33	Role of the Onecut transcription factors in pancreas morphogenesis and in pancreatic and enteric endocrine differentiation. <i>Developmental Biology</i> , <b>2007</b> , 305, 685-94	3.1	38
32	Temporal control of neurogenin3 activity in pancreas progenitors reveals competence windows for the generation of different endocrine cell types. <i>Developmental Cell</i> , <b>2007</b> , 12, 457-65	10.2	267
31	Development of the endocrine pancreas. <i>Diabetes and Metabolism</i> , <b>2006</b> , 32, 532-3	5.4	6

30	IA1 is NGN3-dependent and essential for differentiation of the endocrine pancreas. <i>EMBO Journal</i> , <b>2006</b> , 25, 1344-52	13	153
29	Dorsal pancreas agenesis in retinoic acid-deficient Raldh2 mutant mice. <i>Developmental Biology</i> , <b>2005</b> , 284, 399-411	3.1	202
28	Genetic determinants of pancreatic epsilon-cell development. <i>Developmental Biology</i> , <b>2005</b> , 286, 217-243.1	3.1	154
27	Lack of TCF2/vHNF1 in mice leads to pancreas agenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 1490-5	11.5	209
26	Pancreatic islet progenitor cells in neurogenin 3-yellow fluorescent protein knock-add-on mice. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2765-76		53
25	Analysis of dendritic distribution of voltage-dependent channels effects on EPSP and its reciprocal inhibition in Ectoneurons: computer model. <i>Neurocomputing</i> , <b>2004</b> , 58-60, 417-422	5.4	2
24	Neurogenesis in hippocampal slice cultures. <i>Molecular and Cellular Neurosciences</i> , <b>2004</b> , 26, 241-50	4.8	86
23	Opposing actions of Arx and Pax4 in endocrine pancreas development. <i>Genes and Development</i> , <b>2003</b> , 17, 2591-603	12.6	416
22	Neurogenin3 participates in gliogenesis in the developing vertebrate spinal cord. <i>Developmental Biology</i> , <b>2003</b> , 253, 84-98	3.1	56
21	Transcriptional program of the endocrine pancreas in mice and humans. <i>Diabetes</i> , <b>2003</b> , 52, 1604-10	0.9	51
20	Neurogenin3 is differentially required for endocrine cell fate specification in the intestinal and gastric epithelium. <i>EMBO Journal</i> , <b>2002</b> , 21, 6338-47	13	346
19	Recapitulation of embryonic neuroendocrine differentiation in adult human pancreatic duct cells expressing neurogenin 3. <i>Journal of Cell Biology</i> , <b>2002</b> , 159, 303-12	7.3	248
18	Crossregulation between Neurogenin2 and pathways specifying neuronal identity in the spinal cord. <i>Neuron</i> , <b>2001</b> , 31, 203-17	13.9	195
17	neurogenin3 is required for the development of the four endocrine cell lineages of the pancreas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 1607-11	11.5	1166
16	Transcription factor hepatocyte nuclear factor 6 regulates pancreatic endocrine cell differentiation and controls expression of the proendocrine gene ngn3. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 4445-54.8	4.8	284
15	Hes1 and Hes5 as notch effectors in mammalian neuronal differentiation. <i>EMBO Journal</i> , <b>1999</b> , 18, 2196-207	2.7	650
14	The bHLH protein NEUROGENIN 2 is a determination factor for epibranchial placode-derived sensory neurons. <i>Neuron</i> , <b>1998</b> , 20, 483-94	13.9	404
13	Restricted expression of a novel murine atonal-related bHLH protein in undifferentiated neural precursors. <i>Developmental Biology</i> , <b>1996</b> , 180, 227-41	3.1	221

12	Vascularization of the mouse embryo: a study of flk-1, tek, tie, and vascular endothelial growth factor expression during development. <i>Developmental Dynamics</i> , <b>1995</b> , 203, 80-92	2.9	422
11	Dominant-negative and targeted null mutations in the endothelial receptor tyrosine kinase, tek, reveal a critical role in vasculogenesis of the embryo. <i>Genes and Development</i> , <b>1994</b> , 8, 1897-909	12.6	748
10	Structure and function of the human poly(ADP-ribose) polymerase <b>1992</b> , 3-13		2
9	The second zinc-finger domain of poly(ADP-ribose) polymerase determines specificity for single-stranded breaks in DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 2990-4	11.5	242
8	Expression in E. coli of the catalytic domain of rat poly(ADP-ribose)polymerase. <i>FEBS Letters</i> , <b>1990</b> , 264, 81-3	3.8	5
7	Poly(ADP-ribose)polymerase: a novel finger protein. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 4689-98	20.1	109
6	Expression of functional zinc finger domain of human poly(ADP-ribose)polymerase in E. coli. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 7112	20.1	12
5	Cloning of rodent cDNA coding the poly(ADP-ribose) polymerase catalytic domain and analysis of mRNA levels during the cell cycle. <i>Biochemistry and Cell Biology</i> , <b>1989</b> , 67, 653-60	3.6	26
4	Zinc-binding domain of poly(ADP-ribose)polymerase participates in the recognition of single strand breaks on DNA. <i>Journal of Molecular Biology</i> , <b>1989</b> , 210, 229-33	6.5	177
3	Poly (ADP-Ribosyl) Ation Reactions and Modulation of Chromatin Structure <b>1989</b> , 365-377		
2	Zinc-binding proteins detected by protein blotting. <i>Analytical Biochemistry</i> , <b>1988</b> , 172, 39-42	3.1	53
1	Poly(ADP-ribose) polymerase forms loops with DNA. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 148, 913-9	3.4	41