

# Johannes Nimpf

## List of Publications by Year in descending order

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76  
papers

6,149  
citations

81743

39  
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74018

75  
g-index

78  
all docs

78  
docs citations

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times ranked

5434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reeler/Disabled-like Disruption of Neuronal Migration in Knockout Mice Lacking the VLDL Receptor and ApoE Receptor 2. <i>Cell</i> , 1999, 97, 689-701.	13.5	1,194
2	Interactions of the Low Density Lipoprotein Receptor Gene Family with Cytosolic Adaptor and Scaffold Proteins Suggest Diverse Biological Functions in Cellular Communication and Signal Transduction. <i>Journal of Biological Chemistry</i> , 2000, 275, 25616-25624.	1.6	417
3	The Proprotein Convertase PCSK9 Induces the Degradation of Low Density Lipoprotein Receptor (LDLR) and Its Closest Family Members VLDLR and ApoER2. <i>Journal of Biological Chemistry</i> , 2008, 283, 2363-2372.	1.6	402
4	Prothrombinase activity of human platelets is inhibited by $\beta_2$ -glycoprotein-I. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1986, 884, 142-149.	1.1	286
5	The Reelin Receptor ApoER2 Recruits JNK-interacting Proteins-1 and -2. <i>Journal of Biological Chemistry</i> , 2000, 275, 25625-25632.	1.6	220
6	$\beta_2$ -glycoprotein-I (apo-H) inhibits the release reaction of human platelets during ADP-induced aggregation. <i>Atherosclerosis</i> , 1987, 63, 109-114.	0.4	194
7	Receptor Clustering Is Involved in Reelin Signaling. <i>Molecular and Cellular Biology</i> , 2004, 24, 1378-1386.	1.1	179
8	Insulin-secreting $\beta_2$ -Cell Dysfunction Induced by Human Lipoproteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 18368-18375.	1.6	167
9	Molecular Cloning and Functional Characterization of Chicken Cathepsin D, a Key Enzyme for Yolk Formation. <i>DNA and Cell Biology</i> , 1992, 11, 661-672.	0.9	138
10	Differential Glycosylation Regulates Processing of Lipoprotein Receptors by $\beta$ -Secretase. <i>Journal of Biological Chemistry</i> , 2003, 278, 37386-37392.	1.6	132
11	The E3 Ubiquitin Ligase IDOL Induces the Degradation of the Low Density Lipoprotein Receptor Family Members VLDLR and ApoER2. <i>Journal of Biological Chemistry</i> , 2010, 285, 19720-19726.	1.6	117
12	The PX-domain protein SNX17 interacts with members of the LDL receptor family and modulates endocytosis of the LDL receptor. <i>EMBO Journal</i> , 2002, 21, 4259-4267.	3.5	111
13	Capillary Force Seeding of Hydrogels for Adipose-Derived Stem Cell Delivery in Wounds. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1079-1089.	1.6	100
14	Lipoprotein (a) and plasminogen are immunochemically related. <i>Lipids and Lipid Metabolism</i> , 1988, 960, 91-97.	2.6	99
15	The Chicken Homologue of Zona Pellucida Protein-3 Is Synthesized by Granulosa Cells1. <i>Biology of Reproduction</i> , 1998, 59, 1230-1239.	1.2	99
16	Chicken Oocytes and Somatic Cells Express Different Splice Variants of a Multifunctional Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 23546-23551.	1.6	94
17	A New Low Density Lipoprotein Receptor Homologue with 8 Ligand Binding Repeats in Brain of Chicken and Mouse. <i>Journal of Biological Chemistry</i> , 1996, 271, 11732-11736.	1.6	94
18	Thrombospondin-1 binds to ApoER2 and VLDL receptor and functions in postnatal neuronal migration. <i>EMBO Journal</i> , 2008, 27, 3069-3080.	3.5	90

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19	A secreted soluble form of ApoE receptor 2 acts as a dominant-negative receptor and inhibits Reelin signaling. <i>EMBO Journal</i> , 2002, 21, 5996-6004.	3.5	84
20	Clusterin Is a Ligand for Apolipoprotein E Receptor 2 (ApoER2) and Very Low Density Lipoprotein Receptor (VLDLR) and Signals via the Reelin-signaling Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 4161-4172.	1.6	76
21	Interaction of $\beta$ 2-Glycoprotein-I with Human Blood Platelets: Influence Upon the ADP-Induced Aggregation. <i>Thrombosis and Haemostasis</i> , 1985, 54, 397-401.	1.8	75
22	Alternative Splicing in the Ligand Binding Domain of Mouse ApoE Receptor-2 Produces Receptor Variants Binding Reelin but Not $\beta$ 2-Macroglobulin. <i>Journal of Biological Chemistry</i> , 2001, 276, 22160-22169.	1.6	74
23	The Low Density Lipoprotein Receptor Gene Family. <i>Journal of Biological Chemistry</i> , 1998, 273, 32213-32221.	1.6	71
24	From cholesterol transport to signal transduction: low density lipoprotein receptor, very low density lipoprotein receptor, and apolipoprotein E receptor-2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1529, 287-298.	1.2	68
25	Differential Functions of ApoER2 and Very Low Density Lipoprotein Receptor in Reelin Signaling Depend on Differential Sorting of the Receptors. <i>Journal of Biological Chemistry</i> , 2010, 285, 4896-4908.	1.6	67
26	Receptor-Mediated Lipoprotein Transport in Laying Hens. <i>Journal of Nutrition</i> , 1991, 121, 1471-1474.	1.3	65
27	Novel members of the low density lipoprotein receptor superfamily and their potential roles in lipid metabolism. <i>Current Opinion in Lipidology</i> , 1997, 8, 315-319.	1.2	63
28	Multiple Involvement of Clusterin in Chicken Ovarian Follicle Development. <i>Journal of Biological Chemistry</i> , 1999, 274, 4036-4044.	1.6	62
29	Free and Apo B-associated Lpa-specific protein in human serum. <i>Clinica Chimica Acta</i> , 1987, 164, 93-100.	0.5	61
30	Evidence of Functional Modulation of the MEKK/JNK/cJun Signaling Cascade by the Low Density Lipoprotein Receptor-related Protein (LRP). <i>Journal of Biological Chemistry</i> , 2002, 277, 43143-43151.	1.6	54
31	ApoER2/VLDL receptor and Dab1 in the rostral migratory stream function in postnatal neuronal migration independently of Reelin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8508-8513.	3.3	54
32	A Novel Mosaic Protein Containing LDL Receptor Elements Is Highly Conserved in Humans and Chickens. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 996-1002.	1.1	54
33	The Reelin Receptors Apolipoprotein E receptor 2 (ApoER2) and VLDL Receptor. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3090.	1.8	53
34	Avian and Murine LR8B and Human Apolipoprotein E Receptor 2: Differentially Spliced Products from Corresponding Genes. <i>Genomics</i> , 1997, 42, 185-191.	1.3	52
35	The Chicken Oocyte Receptor for Lipoprotein Deposition Recognizes $\beta$ 2-Macroglobulin. <i>Journal of Biological Chemistry</i> , 1995, 270, 6468-6475.	1.6	50
36	The Chicken Oocyte Receptor for Yolk Precursors as a Model for Studying the Action of Receptor-associated Protein and Lactoferrin. <i>Journal of Biological Chemistry</i> , 1995, 270, 18219-18226.	1.6	46

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37	Binding of Low Density Lipoprotein to Platelet Apolipoprotein E Receptor 2 Results in Phosphorylation of p38MAPK. <i>Journal of Biological Chemistry</i> , 2004, 279, 52526-52534.	1.6	45
38	The $\beta$ -amyloid peptide compromises Reelin signaling in Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 31646.	1.6	44
39	A model for modulation of leptin activity by association with clusterin. <i>FASEB Journal</i> , 2003, 17, 1-20.	0.2	42
40	Reconstitution of the Reelin Signaling Pathway in Fibroblasts Demonstrates that Dab1 Phosphorylation Is Independent of Receptor Localization in Lipid Rafts. <i>Molecular and Cellular Biology</i> , 2006, 26, 19-27.	1.1	41
41	Low Density Lipoprotein Receptor Gene Family Members Mediate Yolk Deposition. <i>Journal of Nutrition</i> , 1997, 127, 801S-804S.	1.3	37
42	Signaling by the Extracellular Matrix Protein Reelin Promotes Granulosa Cell Proliferation in the Chicken Follicle. <i>Journal of Biological Chemistry</i> , 2014, 289, 10182-10191.	1.6	33
43	The VLDL receptor: an LDL receptor relative with eight ligand binding repeats, LR8. <i>Atherosclerosis</i> , 1998, 141, 191-202.	0.4	32
44	Lipoprotein Receptors in Extraembryonic Tissues of the Chicken. <i>Journal of Biological Chemistry</i> , 2000, 275, 16837-16844.	1.6	32
45	Avian apolipoprotein A-V binds to LDL receptor gene family members. <i>Journal of Lipid Research</i> , 2007, 48, 1451-1456.	2.0	30
46	The patatin-like lipase family in <i>Gallus gallus</i> . <i>BMC Genomics</i> , 2008, 9, 281.	1.2	30
47	Lipoprotein receptors. <i>Current Opinion in Lipidology</i> , 1993, 4, 205-209.	1.2	29
48	ApoER2 processing by presenilin-1 modulates reelin expression. <i>FASEB Journal</i> , 2014, 28, 1543-1554.	0.2	29
49	Notch1 activity in the olfactory bulb is odour-dependent and contributes to olfactory behaviour. <i>European Journal of Neuroscience</i> , 2014, 40, 3436-3449.	1.2	28
50	An Antibody Fragment from a Phage Display Library Competes for Ligand Binding to the Low Density Lipoprotein Receptor Family and Inhibits Rhinovirus Infection. <i>Journal of Biological Chemistry</i> , 1995, 270, 24078-24085.	1.6	27
51	Metabolism of Activated Complement Component C3 Is Mediated by the Low Density Lipoprotein Receptor-related Protein/ $\beta$ 2-Macroglobulin Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 38091-38096.	1.6	27
52	Molecular characterization of the first avian LDL receptor. <i>Journal of Lipid Research</i> , 2003, 44, 1633-1642.	2.0	27
53	Extracellular Matrices of the Avian Ovarian Follicle. <i>Journal of Biological Chemistry</i> , 2004, 279, 23486-23494.	1.6	26
54	Apolipoprotein A production by chicken granulosa cells. <i>FASEB Journal</i> , 1998, 12, 897-903.	0.2	24

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55	Germ Cell-Somatic Cell Dichotomy of a Low-Density Lipoprotein Receptor Gene Family Member in Testis. <i>DNA and Cell Biology</i> , 1997, 16, 35-43.	0.9	23
56	Mutation at the Processing Site of Chicken Low Density Lipoprotein Receptor-related Protein Impairs Efficient Endoplasmic Reticulum Exit, but Proteolytic Cleavage Is Not Essential for Its Endocytic Functions. <i>Journal of Biological Chemistry</i> , 1998, 273, 27779-27785.	1.6	22
57	Functional Expression of the Chicken Low Density Lipoprotein Receptor-related Protein in a Mutant Chinese Hamster Ovary Cell Line Restores Toxicity of Pseudomonas Exotoxin A and Degradation of $\beta$ 2-Macroglobulin. <i>Journal of Biological Chemistry</i> , 1998, 273, 6057-6065.	1.6	22
58	Low-Density Lipoprotein Receptor-Related Protein 8 (LRP8) Is Upregulated in Granulosa Cells of Bovine Dominant Follicle: Molecular Characterization and Spatio-Temporal Expression Studies1. <i>Biology of Reproduction</i> , 2007, 76, 466-475.	1.2	19
59	Expression and Conservation of Apolipoprotein AIV in an Avian Species. <i>Journal of Biological Chemistry</i> , 1998, 273, 10543-10549.	1.6	18
60	A Minimal Binding Domain of the Low Density Lipoprotein Receptor Family. <i>Biological Chemistry</i> , 1998, 379, 1053-1062.	1.2	17
61	Role of leptin in reproduction. <i>Current Opinion in Lipidology</i> , 2004, 15, 315-319.	1.2	17
62	The low-density lipoprotein receptor family: Genetics, function, and evolution. <i>Current Atherosclerosis Reports</i> , 1999, 1, 115-122.	2.0	16
63	LDL receptor family: Isolation, production, and ligand binding analysis. <i>Methods</i> , 2005, 36, 109-116.	1.9	16
64	Is there any correlation between platelet aggregation, plasma lipoproteins, apoproteins and membrane fluidity of human blood platelets ?. <i>Thrombosis Research</i> , 1989, 53, 181-190.	0.8	15
65	Molecular characterization of quail apolipoprotein very-low-density lipoprotein II: disulphide-bond-mediated dimerization is not essential for inhibition of lipoprotein lipase. <i>Biochemical Journal</i> , 1996, 317, 599-604.	1.7	15
66	Receptor-associated Protein in an Oviparous Species Is Correlated with the Expression of a Receptor Variant. <i>Journal of Biological Chemistry</i> , 1997, 272, 30221-30227.	1.6	14
67	The Chicken LDL Receptor-Related Protein/ $\beta$ 2-Macroglobulin Receptor Family. <i>Annals of the New York Academy of Sciences</i> , 1994, 737, 145-153.	1.8	13
68	Chicken Coagulation Factor XIIIa Is Produced by the Theca Externa and Stabilizes the Ovarian Follicular Wall. <i>Journal of Biological Chemistry</i> , 2000, 275, 35320-35327.	1.6	13
69	Receptor-Mediated Chicken Oocyte Growth: Differential Expression of Endophilin Isoforms in Developing Follicles1. <i>Biology of Reproduction</i> , 2003, 68, 1850-1860.	1.2	13
70	Differential Action of Reelin on Oligomerization of ApoER2 and VLDL Receptor in HEK293 Cells Assessed by Time-Resolved Anisotropy and Fluorescence Lifetime Imaging Microscopy. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 53.	1.4	12
71	Characterization of LDL and VLDL Binding Sites on Human Basophils and Mast Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 17-26.	1.1	11
72	Receptor-associated Protein and Members of the Low Density Lipoprotein Receptor Family Share a Common Epitope. <i>Journal of Biological Chemistry</i> , 1996, 271, 28792-28797.	1.6	11

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73	Identification of a Novel Chondroitin-sulfated Collagen in the Membrane Separating Theca and Granulosa Cells in Chicken Ovarian Follicles. <i>Journal of Biological Chemistry</i> , 2007, 282, 8011-8018.	1.6	8
74	Enzymes involved in hepatic acylglycerol metabolism in the chicken. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 257-261.	1.0	7
75	Disabled 1 Is Part of a Signaling Pathway Activated by Epidermal Growth Factor Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1745.	1.8	2
76	Thrombospondin-1 binds to ApoER2 and VLDL receptor and functions in postnatal neuronal migration. <i>EMBO Journal</i> , 2008, 27, 3332-3332.	3.5	0