

# Joachim Herz

## List of Publications by Year in descending order

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234  
papers

31,881  
citations

4146

87  
h-index

4432

172  
g-index

250  
all docs

250  
docs citations

250  
times ranked

29108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt5a Promotes Lysosomal Cholesterol Egress and Protects Against Atherosclerosis. <i>Circulation Research</i> , 2022, 130, 184-199.	4.5	12
2	Interplay of Low-Density Lipoprotein Receptors, LRP6, and Lipoproteins in Pulmonary Hypertension. <i>JACC Basic To Translational Science</i> , 2022, 7, 164-180.	4.1	23
3	Reelin signaling modulates GABA B receptor function in the neocortex. <i>Journal of Neurochemistry</i> , 2021, 156, 589-603.	3.9	12
4	Endothelial LRP1 protects against neurodegeneration by blocking cyclophilin A. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	59
5	CD11c <sup>+</sup> CD88 <sup>+</sup> CD317 <sup>+</sup> myeloid cells are critical mediators of persistent CNS autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
6	Reelin Depletion Protects Against Atherosclerosis by Decreasing Vascular Adhesion of Leukocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1309-1318.	2.4	14
7	Reelin regulates neuronal excitability through STriatal Enriched Protein Tyrosine phosphatase (STEP61) and Calcium Permeable AMPARs in an NMDAR-dependent manner. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-0388-21.	3.6	4
8	Apolipoprotein E receptor 2 deficiency decreases endothelial adhesion of monocytes and protects against autoimmune encephalomyelitis. <i>Science Immunology</i> , 2021, 6, .	11.9	8
9	Reelin changes hippocampal learning in aging and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2021, 414, 113482.	2.2	11
10	Serum amyloid A delivers retinol to intestinal myeloid cells to promote adaptive immunity. <i>Science</i> , 2021, 373, eabf9232.	12.6	45
11	Protein Phosphatase 2A Activation Via ApoER2 in Trophoblasts Drives Preeclampsia in a Mouse Model of the Antiphospholipid Syndrome. <i>Circulation Research</i> , 2021, 129, 735-750.	4.5	10
12	Reelin restricts dendritic growth of interneurons in the neocortex. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	7
13	NHE6 depletion corrects ApoE4-mediated synaptic impairments and reduces amyloid plaque load. <i>ELife</i> , 2021, 10, .	6.0	12
14	Selective Inactivation of Reelin in Inhibitory Interneurons Leads to Subtle Changes in the Dentate Gyrus But Leaves Cortical Layering and Behavior Unaffected. <i>Cerebral Cortex</i> , 2020, 30, 1688-1707.	2.9	16
15	Reelin depletion protects against autoimmune encephalomyelitis by decreasing vascular adhesion of leukocytes. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	14
16	Lymphotoangiocrine signals promote cardiac growth and repair. <i>Nature</i> , 2020, 588, 705-711.	27.8	103
17	Biolistic transfection and expression analysis of acute cortical slices. <i>Journal of Neuroscience Methods</i> , 2020, 337, 108666.	2.5	2
18	Sodium-hydrogen exchanger 6 (NHE6) deficiency leads to hearing loss, via reduced endosomal signalling through the BDNF/Trk pathway. <i>Scientific Reports</i> , 2020, 10, 3609.	3.3	8

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19	Kinetic Tuning of HDAC Inhibitors Affords Potent Inducers of Progranulin Expression. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3769-3777.	3.5	16
20	LRP1 Deficiency in Vascular SMC Leads to Pulmonary Arterial Hypertension That Is Reversed by PPAR $\gamma$ Activation. <i>Circulation Research</i> , 2019, 124, 1778-1785.	4.5	46
21	NGP 555, a $\beta$ -secretase modulator, shows a beneficial shift in the ratio of amyloid biomarkers in human cerebrospinal fluid at safe doses. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 458-467.	3.7	3
22	Lrp1 in osteoblasts controls osteoclast activity and protects against osteoporosis by limiting PDGF $\alpha$ -RANKL signaling. <i>Bone Research</i> , 2018, 6, 4.	11.4	45
23	Antiphospholipid antibodies induce thrombosis by PP2A activation via apoER2-Dab2-SHC1 complex formation in endothelium. <i>Blood</i> , 2018, 131, 2097-2110.	1.4	50
24	Loss of the adaptor protein ShcA in endothelial cells protects against monocyte macrophage adhesion, LDL-oxidation, and atherosclerotic lesion formation. <i>Scientific Reports</i> , 2018, 8, 4501.	3.3	12
25	Intracellular lipid metabolism impairs $\beta$ cell compensation during diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2018, 128, 1178-1189.	8.2	33
26	Lrp4/Wise regulates palatal rugae development through Turing-type reaction-diffusion mechanisms. <i>PLoS ONE</i> , 2018, 13, e0204126.	2.5	15
27	Blood-brain barrier-associated pericytes internalize and clear aggregated amyloid- $\beta$ 42 by LRP1-dependent apolipoprotein E isoform-specific mechanism. <i>Molecular Neurodegeneration</i> , 2018, 13, 57.	10.8	164
28	How We Can Rebuild Trust in Science—And Why We Must. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13696-13697.	13.8	13
29	Low-density lipoprotein receptor-related protein-1 dysfunction synergizes with dietary cholesterol to accelerate steatohepatitis progression. <i>Journal of Biological Chemistry</i> , 2018, 293, 9674-9684.	3.4	17
30	Distal Dendritic Enrichment of HCN1 Channels in Hippocampal CA1 Is Promoted by Estrogen, but Does Not Require Reelin. <i>ENeuro</i> , 2018, 5, ENEURO.0258-18.2018.	1.9	12
31	Reversal of ApoE4-induced recycling block as a novel prevention approach for Alzheimer's disease. <i>ELife</i> , 2018, 7, .	6.0	62
32	NGP 555, a $\beta$ -secretase modulator, lowers the amyloid biomarker, A $\beta$ <sub>42</sub> , in cerebrospinal fluid while preventing Alzheimer's disease cognitive decline in rodents. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 65-73.	3.7	25
33	ApoE, ApoE Receptors, and the Synapse in Alzheimer's Disease. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 273-284.	7.1	112
34	Reelin: Neurodevelopmental Architect and Homeostatic Regulator of Excitatory Synapses. <i>Journal of Biological Chemistry</i> , 2017, 292, 1330-1338.	3.4	98
35	A Consensus Definitive Classification of Scavenger Receptors and Their Roles in Health and Disease. <i>Journal of Immunology</i> , 2017, 198, 3775-3789.	0.8	261
36	News on the molecular regulation and function of hepatic low-density lipoprotein receptor and LDLR-related protein 1. <i>Current Opinion in Lipidology</i> , 2017, 28, 241-247.	2.7	76

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37	The ApoE receptors Vldlr and Apoer2 in central nervous system function and disease. <i>Journal of Lipid Research</i> , 2017, 58, 1036-1043.	4.2	64
38	Lipidomic and Transcriptomic Basis of Lysosomal Dysfunction in Progranulin Deficiency. <i>Cell Reports</i> , 2017, 20, 2565-2574.	6.4	98
39	Selectivity and Kinetic Requirements of HDAC Inhibitors as Progranulin Enhancers for Treating Frontotemporal Dementia. <i>Cell Chemical Biology</i> , 2017, 24, 892-906.e5.	5.2	31
40	Functional Roles of the Interaction of APP and Lipoprotein Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 54.	2.9	58
41	Building a better blood-brain barrier. <i>ELife</i> , 2017, 6, .	6.0	3
42	LRP1 integrates murine macrophage cholesterol homeostasis and inflammatory responses in atherosclerosis. <i>ELife</i> , 2017, 6, .	6.0	76
43	Imaging subcellular dynamics with fast and light-efficient volumetrically parallelized microscopy. <i>Optica</i> , 2017, 4, 263.	9.3	41
44	High-Fat Diet Changes Hippocampal Apolipoprotein E (ApoE) in a Genotype- and Carbohydrate-Dependent Manner in Mice. <i>PLoS ONE</i> , 2016, 11, e0148099.	2.5	19
45	Expression of a recombinant full-length LRP1B receptor in human non-small cell lung cancer cells confirms the postulated growth-suppressing function of this large LDL receptor family member. <i>Oncotarget</i> , 2016, 7, 68721-68733.	1.8	35
46	Splicing therapeutics for Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2016, 8, 308-310.	6.9	6
47	Low-Density Lipoprotein Receptor-Related Protein-1 Protects Against Hepatic Insulin Resistance and Hepatic Steatosis. <i>EBioMedicine</i> , 2016, 7, 135-145.	6.1	58
48	Physiologic Reelin does not play a strong role in protection against acute stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1295-1303.	4.3	7
49	Genetic Restoration of Plasma ApoE Improves Cognition and Partially Restores Synaptic Defects in ApoE-Deficient Mice. <i>Journal of Neuroscience</i> , 2016, 36, 10141-10150.	3.6	81
50	Ephrin Bs and canonical Reelin signalling. <i>Nature</i> , 2016, 539, E4-E6.	27.8	14
51	Prosaposin is a regulator of progranulin levels and oligomerization. <i>Nature Communications</i> , 2016, 7, 11992.	12.8	68
52	Genome-wide RNAi screen reveals ALK1 mediates LDL uptake and transcytosis in endothelial cells. <i>Nature Communications</i> , 2016, 7, 13516.	12.8	115
53	Loss of Reelin protects against atherosclerosis by reducing leukocyte endothelial cell adhesion and lesion macrophage accumulation. <i>Science Signaling</i> , 2016, 9, ra29.	3.6	46
54	ApoE Receptor 2 Mediation of Trophoblast Dysfunction and Pregnancy Complications Induced by Antiphospholipid Antibodies in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 730-739.	5.6	56

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55	Agrin mediates chondrocyte homeostasis and requires both LRP4 and $\beta$ -dystroglycan to enhance cartilage formation in vitro and in vivo. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1228-1235.	0.9	46
56	Convergent Signaling Pathways Controlled by LRP1 (Receptor-related Protein 1) Cytoplasmic and Extracellular Domains Limit Cellular Cholesterol Accumulation. <i>Journal of Biological Chemistry</i> , 2016, 291, 5116-5127.	3.4	29
57	Lrp4 Domains Differentially Regulate Limb/Brain Development and Synaptic Plasticity. <i>PLoS ONE</i> , 2015, 10, e0116701.	2.5	21
58	FE65 and FE65L1 amyloid precursor protein-binding protein compound null mice display adult-onset cataract and muscle weakness. <i>FASEB Journal</i> , 2015, 29, 2628-2639.	0.5	6
59	Reelin protects against amyloid $\beta$ toxicity in vivo. <i>Science Signaling</i> , 2015, 8, ra67.	3.6	78
60	Generation and Characterization of an Nse-CreERT2 Transgenic Line Suitable for Inducible Gene Manipulation in Cerebellar Granule Cells. <i>PLoS ONE</i> , 2014, 9, e100384.	2.5	10
61	Activity-dependent FUS dysregulation disrupts synaptic homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4769-78.	7.1	116
62	Characterization and Distribution of Reelin-Positive Interneuron Subtypes in the Rat Barrel Cortex. <i>Cerebral Cortex</i> , 2014, 24, 3046-3058.	2.9	39
63	Differential splicing and glycosylation of Apoer2 alters synaptic plasticity and fear learning. <i>Science Signaling</i> , 2014, 7, ra113.	3.6	46
64	Constitutive and ligand-induced EGFR signalling triggers distinct and mutually exclusive downstream signalling networks. <i>Nature Communications</i> , 2014, 5, 5811.	12.8	72
65	The lipoprotein receptor LRP1 modulates sphingosine-1-phosphate signaling and is essential for vascular development. <i>Development (Cambridge)</i> , 2014, 141, 4513-4525.	2.5	41
66	Is Apolipoprotein E Required for Cognitive Function in Humans?. <i>JAMA Neurology</i> , 2014, 71, 1213.	9.0	8
67	Antiphospholipid Antibodies Attenuate Endothelial Repair and Promote Neointima Formation in Mice. <i>Journal of the American Heart Association</i> , 2014, 3, e001369.	3.7	14
68	LRP1 is a receptor for <i>Clostridium perfringens</i> TpeL toxin indicating a two-receptor model of clostridial glycosylating toxins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6431-6436.	7.1	82
69	Genetic variants of ApoE and ApoER2 differentially modulate endothelial function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13493-13498.	7.1	49
70	Early retinal neurodegeneration and impaired Ran-mediated nuclear import of TDP-43 in progranulin-deficient FTLD. <i>Journal of Experimental Medicine</i> , 2014, 211, 1937-1945.	8.5	94
71	More than Cholesterol Transporters: Lipoprotein Receptors in CNS Function and Neurodegeneration. <i>Neuron</i> , 2014, 83, 771-787.	8.1	127
72	Standardizing Scavenger Receptor Nomenclature. <i>Journal of Immunology</i> , 2014, 192, 1997-2006.	0.8	166

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73	An AXL/LRP-1/RANBP9 complex mediates DC efferocytosis and antigen cross-presentation in vivo. <i>Journal of Clinical Investigation</i> , 2014, 124, 1296-1308.	8.2	91
74	Involvement of the Apoer2 and Lrp1 receptors in mediating the pathological effects of ApoE4 in vivo. <i>Current Alzheimer Research</i> , 2014, 11, 549-557.	1.4	26
75	Human apolipoprotein E isoforms differentially affect bone mass and turnover in vivo. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 236-245.	2.8	19
76	Reelin Mobilizes a VAMP7-Dependent Synaptic Vesicle Pool and Selectively Augments Spontaneous Neurotransmission. <i>Neuron</i> , 2013, 80, 934-946.	8.1	106
77	Low Density Lipoprotein Receptor-related Protein 1 (LRP1) Modulates N-Methyl-d-aspartate (NMDA) Receptor-dependent Intracellular Signaling and NMDA-induced Regulation of Postsynaptic Protein Complexes. <i>Journal of Biological Chemistry</i> , 2013, 288, 21909-21923.	3.4	65
78	The Pro-Neurotrophin Receptor Sortilin Is a Major Neuronal Apolipoprotein E Receptor for Catabolism of Amyloid- $\beta$ Peptide in the Brain. <i>Journal of Neuroscience</i> , 2013, 33, 358-370.	3.6	86
79	Progranulin Does Not Bind Tumor Necrosis Factor (TNF) Receptors and Is Not a Direct Regulator of TNF-Dependent Signaling or Bioactivity in Immune or Neuronal Cells. <i>Journal of Neuroscience</i> , 2013, 33, 9202-9213.	3.6	85
80	Reelin induces EphB activation. <i>Cell Research</i> , 2013, 23, 473-490.	12.0	62
81	Secreted Progranulin Is a Homodimer and Is Not a Component of High Density Lipoproteins (HDL). <i>Journal of Biological Chemistry</i> , 2013, 288, 8627-8635.	3.4	24
82	Role of the postnatal radial glial scaffold for the development of the dentate gyrus as revealed by reelin signaling mutant mice. <i>Glia</i> , 2013, 61, 1347-1363.	4.9	28
83	APP interacts with LRP4 and agrin to coordinate the development of the neuromuscular junction in mice. <i>ELife</i> , 2013, 2, e00220.	6.0	57
84	Apolipoprotein E and Apolipoprotein E Receptors: Normal Biology and Roles in Alzheimer Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a006312-a006312.	6.2	637
85	Wnt signaling in the murine diastema. <i>European Journal of Orthodontics</i> , 2012, 34, 518-524.	2.4	17
86	Progranulin: A Proteolytically Processed Protein at the Crossroads of Inflammation and Neurodegeneration. <i>Journal of Biological Chemistry</i> , 2012, 287, 32298-32306.	3.4	192
87	Extracting $\beta$ -amyloid from Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3199-3200.	7.1	14
88	TDP-43 in central nervous system development and function: clues to TDP-43-associated neurodegeneration. <i>Biological Chemistry</i> , 2012, 393, 589-594.	2.5	69
89	The nuclear hormone receptor PPAR $\gamma$ counteracts vascular calcification by inhibiting Wnt5a signalling in vascular smooth muscle cells. <i>Nature Communications</i> , 2012, 3, 1077.	12.8	73
90	Reelin Controls Neuronal Positioning by Promoting Cell-Matrix Adhesion via Inside-Out Activation of Integrin $\alpha$ 5 $\beta$ 1. <i>Neuron</i> , 2012, 76, 353-369.	8.1	156

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91	TDP-43 aggregation in neurodegeneration: Are stress granules the key?. <i>Brain Research</i> , 2012, 1462, 16-25.	2.2	180
92	Identification of Neuronal RNA Targets of TDP-43-containing Ribonucleoprotein Complexes. <i>Journal of Biological Chemistry</i> , 2011, 286, 1204-1215.	3.4	366
93	Signaling through LRP1: Protection from atherosclerosis and beyond. <i>Biochemical Pharmacology</i> , 2011, 81, 1-5.	4.4	101
94	Apolipoprotein E Induces Antiinflammatory Phenotype in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1160-1168.	2.4	257
95	Suberoylanilide Hydroxamic Acid (Vorinostat) Up-regulates Progranulin Transcription. <i>Journal of Biological Chemistry</i> , 2011, 286, 16101-16108.	3.4	138
96	Differential Signaling by Adaptor Molecules LRP1 and ShcA Regulates Adipogenesis by the Insulin-like Growth Factor-1 Receptor. <i>Journal of Biological Chemistry</i> , 2011, 286, 16775-16782.	3.4	25
97	TDP-43 Is Directed to Stress Granules by Sorbitol, a Novel Physiological Osmotic and Oxidative Stressor. <i>Molecular and Cellular Biology</i> , 2011, 31, 1098-1108.	2.3	296
98	ApoER2 Function in the Establishment and Maintenance of Retinal Synaptic Connectivity. <i>Journal of Neuroscience</i> , 2011, 31, 14413-14423.	3.6	24
99	Lipoprotein Receptor LRP1 Regulates Leptin Signaling and Energy Homeostasis in the Adult Central Nervous System. <i>PLoS Biology</i> , 2011, 9, e1000575.	5.6	70
100	<i>Trypanosoma cruzi</i> Utilizes the Host Low Density Lipoprotein Receptor in Invasion. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e953.	3.0	71
101	Antiphospholipid antibodies promote leukocyte-endothelial cell adhesion and thrombosis in mice by antagonizing eNOS via $\beta_2$ GPI and apoER2. <i>Journal of Clinical Investigation</i> , 2011, 121, 120-131.	8.2	165
102	LRP4 Mutations Alter Wnt/ $\beta$ -Catenin Signaling and Cause Limb and Kidney Malformations in Cenani-Lenz Syndrome. <i>American Journal of Human Genetics</i> , 2010, 86, 696-706.	6.2	151
103	Origin, maturation, and astroglial transformation of secondary radial glial cells in the developing dentate gyrus. <i>Glia</i> , 2010, 58, 1553-1569.	4.9	74
104	Emerging topics in Reelin function. <i>European Journal of Neuroscience</i> , 2010, 31, 1511-1518.	2.6	115
105	Lrp4 Regulates Initiation of Ureteric Budding and Is Crucial for Kidney Formation – A Mouse Model for Cenani-Lenz Syndrome. <i>PLoS ONE</i> , 2010, 5, e10418.	2.5	54
106	Ectodomains of the LDL Receptor-Related Proteins LRP1b and LRP4 Have Anchorage Independent Functions In Vivo. <i>PLoS ONE</i> , 2010, 5, e9960.	2.5	37
107	ApoE4 reduces glutamate receptor function and synaptic plasticity by selectively impairing ApoE receptor recycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12011-12016.	7.1	304
108	Reelin Signals through Apolipoprotein E Receptor 2 and Cdc42 to Increase Growth Cone Motility and Filopodia Formation. <i>Journal of Neuroscience</i> , 2010, 30, 14759-14772.	3.6	75

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109	TDP-43 Is a Developmentally Regulated Protein Essential for Early Embryonic Development. <i>Journal of Biological Chemistry</i> , 2010, 285, 6826-6834.	3.4	333
110	A role for suppressed incisor cuspal morphogenesis in the evolution of mammalian heterodont dentition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 92-97.	7.1	51
111	Proteomic Analysis of GLUT4 Storage Vesicles Reveals LRP1 to Be an Important Vesicle Component and Target of Insulin Signaling. <i>Journal of Biological Chemistry</i> , 2010, 285, 104-114.	3.4	113
112	Lipoprotein receptors – an evolutionarily ancient multifunctional receptor family. <i>Biological Chemistry</i> , 2010, 391, 1341-63.	2.5	103
113	LRP1 Controls cPLA2 Phosphorylation, ABCA1 Expression and Cellular Cholesterol Export. <i>PLoS ONE</i> , 2009, 4, e6853.	2.5	35
114	Lrp4, a Novel Receptor for Dickkopf 1 and Sclerostin, Is Expressed by Osteoblasts and Regulates Bone Growth and Turnover In Vivo. <i>PLoS ONE</i> , 2009, 4, e7930.	2.5	181
115	Expanding functions of lipoprotein receptors. <i>Journal of Lipid Research</i> , 2009, 50, S287-S292.	4.2	69
116	LRP1 Controls Intracellular Cholesterol Storage and Fatty Acid Synthesis through Modulation of Wnt Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 381-388.	3.4	106
117	Smooth Muscle LDL Receptor-Related Protein-1 Inactivation Reduces Vascular Reactivity and Promotes Injury-Induced Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1772-1778.	2.4	42
118	Mutations in <i>VLDLR</i> as a Cause for Autosomal Recessive Cerebellar Ataxia With Mental Retardation (Dysequilibrium Syndrome). <i>Journal of Child Neurology</i> , 2009, 24, 1310-1315.	1.4	60
119	Reelin signaling antagonizes $\beta$ -amyloid at the synapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15938-15943.	7.1	139
120	Apolipoprotein E receptors in the nervous system. <i>Current Opinion in Lipidology</i> , 2009, 20, 190-196.	2.7	70
121	LRP1 Regulates Architecture of the Vascular Wall by Controlling PDGFR $\beta$ -Dependent Phosphatidylinositol 3-Kinase Activation. <i>PLoS ONE</i> , 2009, 4, e6922.	2.5	61
122	Antiphospholipid Antibodies Promote Leukocyte-Endothelial Cell Adhesion by Antagonizing Endothelial NO Synthase Via b2GPI and ApoER2. <i>Blood</i> , 2009, 114, 3039-3039.	1.4	0
123	Contribution of the Reelin signaling pathways to nociceptive processing. <i>European Journal of Neuroscience</i> , 2008, 27, 523-537.	2.6	20
124	Devolution of bipedality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, E25.	7.1	16
125	Role of Smooth Muscle cGMP/cGKI Signaling in Murine Vascular Restenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1244-1250.	2.4	32
126	$\beta$ -Secretase Limits the Inflammatory Response Through the Processing of LRP1. <i>Science Signaling</i> , 2008, 1, ra15.	3.6	116



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127	The Reelin Receptors Apoer2 and Vldlr Coordinate the Patterning of Purkinje Cell Topography in the Developing Mouse Cerebellum. PLoS ONE, 2008, 3, e1653.	2.5	45
128	Lrp4 Modulates Extracellular Integration of Cell Signaling Pathways in Development. PLoS ONE, 2008, 3, e4092.	2.5	171
129	Overview: The Long and Winding Road to Understanding Alzheimer's Disease. Neuron, 2007, 53, 477-479.	8.1	7
130	Amyloid Precursor Protein Regulates Brain Apolipoprotein E and Cholesterol Metabolism through Lipoprotein Receptor LRP1. Neuron, 2007, 56, 66-78.	8.1	320
131	The Pafah1b Complex Interacts with the Reelin Receptor VLDLR. PLoS ONE, 2007, 2, e252.	2.5	57
132	Disruption of LDL but not VLDL clearance in autosomal recessive hypercholesterolemia. Journal of Clinical Investigation, 2007, 117, 165-174.	8.2	51
133	Adipocyte LDL receptor-related protein-1 expression modulates postprandial lipid transport and glucose homeostasis in mice. Journal of Clinical Investigation, 2007, 117, 3271-3282.	8.2	135
134	LRP1 Functions as an Atheroprotective Integrator of TGF $\beta$ 2 and PDGF Signals in the Vascular Wall: Implications for Marfan Syndrome. PLoS ONE, 2007, 2, e448.	2.5	110
135	The Switch on the RAPPER's Necklace. Molecular Cell, 2006, 23, 451-455.	9.7	17
136	Defective splicing of Megf7/Lrp4, a regulator of distal limb development, in autosomal recessive mulefoot disease. Genomics, 2006, 88, 600-609.	2.9	52
137	Reelin, lipoprotein receptors and synaptic plasticity. Nature Reviews Neuroscience, 2006, 7, 850-859.	10.2	452
138	Essential roles for the FE65 amyloid precursor protein-interacting proteins in brain development. EMBO Journal, 2006, 25, 420-431.	7.8	122
139	Endocytic receptor LRP together with tPA and PAI-1 coordinates Mac-1-dependent macrophage migration. EMBO Journal, 2006, 25, 1860-1870.	7.8	161
140	ApoE Receptor 2 Controls Neuronal Survival in the Adult Brain. Current Biology, 2006, 16, 2446-2452.	3.9	78
141	Activation of ERK signaling upon alternative protease nexin-1 internalization mediated by syndecan-1. Journal of Cellular Biochemistry, 2006, 99, 936-951.	2.6	26
142	Functional Dissection of Reelin Signaling by Site-Directed Disruption of Disabled-1 Adaptor Binding to Apolipoprotein E Receptor 2: Distinct Roles in Development and Synaptic Plasticity. Journal of Neuroscience, 2006, 26, 2041-2052.	3.6	105
143	Abnormal development of the apical ectodermal ridge and polysyndactyly in Megf7-deficient mice. Human Molecular Genetics, 2005, 14, 3523-3538.	2.9	124
144	Clinical and Biological Features Associated With Epidermal Growth Factor Receptor Gene Mutations in Lung Cancers. Journal of the National Cancer Institute, 2005, 97, 339-346.	6.3	2,194

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145	Phosphoinositide Binding by the Disabled-1 PTB Domain Is Necessary for Membrane Localization and Reelin Signal Transduction. <i>Journal of Biological Chemistry</i> , 2005, 280, 9671-9677.	3.4	36
146	Low Density Lipoprotein Receptor-related Protein 1 (LRP1) Controls Endocytosis and c-CBL-mediated Ubiquitination of the Platelet-derived Growth Factor Receptor $\hat{I}^2$ (PDGFR $\hat{I}^2$ ). <i>Journal of Biological Chemistry</i> , 2005, 280, 18504-18510.	3.4	83
147	Reelin Modulates NMDA Receptor Activity in Cortical Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 8209-8216.	3.6	254
148	The Modular Adaptor Protein Autosomal Recessive Hypercholesterolemia (ARH) Promotes Low Density Lipoprotein Receptor Clustering into Clathrin-coated Pits. <i>Journal of Biological Chemistry</i> , 2005, 280, 40996-41004.	3.4	80
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