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Neuronal sorting protein-related receptor sorLA/LR11 regulates processing of the amyloid precursor protein

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#	Paper	IF	Citations
543	SorLA signaling by regulated intramembrane proteolysis. 2006 , 281, 14547-53		61
542	Role of endocytic inhibitory drugs on internalization of amyloidogenic light chains by cardiac fibroblasts. 2006 , 169, 1939-52		44
541	Molecular dissection of the interaction between amyloid precursor protein and its neuronal trafficking receptor SorLA/LR11. 2006 , 45, 2618-28		144
540	Sorting through the cell biology of Alzheimer's disease: intracellular pathways to pathogenesis. 2006 , 52, 15-31		257
539	Lipoprotein receptors in Alzheimer's disease. 2006 , 29, 687-94		38
538	Tumour necrosis factor alpha-converting enzyme mediates ectodomain shedding of Vps10p-domain receptor family members. 2006 , 395, 285-93		87
537	LR11/SorLA expression is reduced in sporadic Alzheimer disease but not in familial Alzheimer disease. 2006 , 65, 866-72		107
536	Genetics and molecular biology: single nucleotide polymorphism associations and their functional significance. 2006 , 17, 360-2		1
535	Bibliography. Current world literature. Lipid metabolism. 2006 , 17, 309-55		
534	The generation and function of soluble apoE receptors in the CNS. 2006 , 1, 15		44
533	Sortilin, SorCS1b, and SorLA Vps10p sorting receptors, are novel gamma-secretase substrates. 2006 , 1, 3		67
532	Modulation of beta-amyloid precursor protein trafficking and processing by the low density lipoprotein receptor family. 2006 , 1, 8		72
531	Molecular mechanisms for Alzheimer's disease: implications for neuroimaging and therapeutics. 2006 , 97, 1700-25		190
530	LRP in amyloid-beta production and metabolism. 2006 , 1086, 35-53		89
529	Survey of the year 2005 commercial optical biosensor literature. 2006 , 19, 478-534		105
528	Ectodomain shedding of the amyloid precursor protein: cellular control mechanisms and novel modifiers. 2006 , 3, 262-9		21
527	Control of amyloid-beta-peptide generation by subcellular trafficking of the beta-amyloid precursor protein and beta-secretase. 2006 , 3, 247-54		12

526	A two decade contribution of molecular cell biology to the centennial of Alzheimer's disease: are we progressing toward therapy?. 2006 , 254, 215-300		24
525	Interaction of the cytosolic domains of sorLA/LR11 with the amyloid precursor protein (APP) and beta-secretase beta-site APP-cleaving enzyme. 2006 , 26, 418-28		145
524	GGA1 acts as a spatial switch altering amyloid precursor protein trafficking and processing. 2006 , 26, 9913-22		55
523	The lipoprotein receptor LR11 regulates amyloid beta production and amyloid precursor protein traffic in endosomal compartments. 2006 , 26, 1596-603		224
522	Molecular markers of early Parkinson's disease based on gene expression in blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 955-60	11.5	381
521	N-linked oligosaccharides on the low density lipoprotein receptor homolog SorLA/LR11 are modified with terminal GalNAc-4-SO4 in kidney and brain. 2007 , 282, 1873-81		27
520	SorLA/LR11 regulates processing of amyloid precursor protein via interaction with adaptors GGA and PACS-1. 2007 , 282, 32956-64		131
519	Omega-3 fatty acid docosahexaenoic acid increases SorLA/LR11, a sorting protein with reduced expression in sporadic Alzheimer's disease (AD): relevance to AD prevention. 2007 , 27, 14299-307		88
518	Molecular and cellular mechanisms for Alzheimer's disease: understanding APP metabolism. 2007 , 7, 687-96		64
517	Cellular prion protein regulates beta-secretase cleavage of the Alzheimer's amyloid precursor protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11062-7	11.5	217
516	Sorting by the cytoplasmic domain of the amyloid precursor protein binding receptor SorLA. 2007 , 27, 6842-51		152
515	Lipoproteins and their receptors in embryonic development: more than cholesterol clearance. 2007 , 134, 3239-49		51
514	APP at a glance. 2007 , 120, 3157-61		62
513	Genetics of Alzheimer's disease. A rapidly evolving field. 2007 , 12, 73-92		79
512	Amyloid Precursor Protein. 2007 ,		1
511	Amyloid precursor protein regulates brain apolipoprotein E and cholesterol metabolism through lipoprotein receptor LRP1. 2007 , 56, 66-78		285
510	Association between genetic variants in sortilin-related receptor 1 (SORL1) and Alzheimer's disease in adults with Down syndrome. <i>Neuroscience Letters</i> , 2007 , 425, 105-9	3.3	41
509	Retromer and sorting nexins in development. 2007 , 12, 3825-51		28

508	Neuronal LR11/sorLA expression is reduced in mild cognitive impairment. 2007 , 62, 640-7		83
507	ApoER2 expression increases Abeta production while decreasing Amyloid Precursor Protein (APP) endocytosis: Possible role in the partitioning of APP into lipid rafts and in the regulation of gamma-secretase activity. 2007 , 2, 14		56
506	The neuronal sortilin-related receptor SORL1 is genetically associated with Alzheimer disease. 2007 , 39, 168-77		888
505	Metalloproteases and gamma-secretase: new membrane partners regulating p75 neurotrophin receptor signaling?. 2007 , 103 Suppl 1, 91-100		28
504	Neurotrophins, synaptic plasticity and dementia. 2007 , 17, 325-30		142
503	Prevention of stroke and dementia by statin therapy: experimental and clinical evidence of their pleiotropic effects. 2007 , 113, 378-93		55
502	The solution structure of the core of mesoderm development (MESD), a chaperone for members of the LDLR-family. 2006 , 7, 131-8		5
501	The study of Golgi apparatus in Alzheimer's disease. 2007 , 32, 1265-77		24
500	Substrate specificity of gamma-secretase and other intramembrane proteases. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 1311-34	10.3	229
499	Understanding BACE1: essential protease for amyloid-beta production in Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 3265-89	10.3	70
498	The neuronal sortilin-related receptor gene SORL1 and late-onset Alzheimer's disease. 2008 , 8, 384-91		30
497	Intracellular trafficking of LRP9 is dependent on two acidic cluster/dileucine motifs. 2008 , 130, 315-27		30
496	Oxysterol-binding protein-1 (OSBP1) modulates processing and trafficking of the amyloid precursor protein. 2008 , 3, 5		26
495	SORL1 is genetically associated with increased risk for late-onset Alzheimer disease in the Belgian population. 2008 , 29, 769-70		75
494	Cell autonomous function of Nogo and reticulons: The emerging story at the endoplasmic reticulum. 2008 , 216, 303-8		40
493	Pharmacogenomics in Alzheimer's disease. 2008 , 448, 213-357		72
492	Different motifs regulate trafficking of SorCS1 isoforms. 2008 , 9, 980-94		31
491	Thirty years of Alzheimer's disease genetics: the implications of systematic meta-analyses. 2008 , 9, 768-78		587

490	Retromer. 2008 , 20, 427-36		369
489	Alzheimer's disease: advances in trafficking. 2008 , 7, 2-3		16
488	A new take on prions: preventing Alzheimer's disease. 2008 , 33, 151-5		24
487	SORL1 variants and risk of late-onset Alzheimer's disease. <i>Neurobiology of Disease</i> , 2008 , 29, 293-6	7.5	72
486	LRP1 modulates APP trafficking along early compartments of the secretory pathway. <i>Neurobiology of Disease</i> , 2008 , 31, 188-97	7.5	57
485	Structural studies of the transmembrane C-terminal domain of the amyloid precursor protein (APP): does APP function as a cholesterol sensor?. 2008 , 47, 9428-46		137
484	RNA biomarkers of Parkinson's disease: developing tools for novel therapies. 2008 , 2, 41-53		16
483	Adaptor protein sorting nexin 17 regulates amyloid precursor protein trafficking and processing in the early endosomes. 2008 , 283, 11501-8		113
482	Pharmacogenomics in drug discovery and development. Preface. 2008 , 448, v-vii		5
481	Golgi apparatus and neurodegenerative diseases. 2008 , 26, 523-34		74
480	Neurosecretases provide strategies to treat sporadic and familial Alzheimer disorders. 2008 , 52, 184-215		23
479	Calcium dysregulation in Alzheimer's disease. 2008 , 52, 621-33		147
478	Influence of SORL1 gene variants: association with CSF amyloid-beta products in probable Alzheimer's disease. <i>Neuroscience Letters</i> , 2008 , 440, 68-71	3.3	39
477	No association of SORL1 SNPs with Alzheimer's disease. <i>Neuroscience Letters</i> , 2008 , 440, 190-2	3.3	36
476	Endocytosis is required for synaptic activity-dependent release of amyloid-beta in vivo. 2008 , 58, 42-51		455
475	Linking Abeta and tau in late-onset Alzheimer's disease: a dual pathway hypothesis. 2008 , 60, 534-42		402
474	Down syndrome fibroblast model of Alzheimer-related endosome pathology: accelerated endocytosis promotes late endocytic defects. 2008 , 173, 370-84		135
473	VPS10P-domain receptors - regulators of neuronal viability and function. 2008 , 9, 899-909		195

472	Sortilin-related receptor with A-type repeats (SORLA) affects the amyloid precursor protein-dependent stimulation of ERK signaling and adult neurogenesis. 2008 , 283, 14826-34	80
471	Mint3/X11gamma is an ADP-ribosylation factor-dependent adaptor that regulates the traffic of the Alzheimer's Precursor protein from the trans-Golgi network. 2008 , 19, 51-64	49
470	Genetic association between SORL1 polymorphisms and Alzheimer's disease in a Japanese population. 2008 , 26, 161-4	35
469	Association of distinct variants in SORL1 with cerebrovascular and neurodegenerative changes related to Alzheimer disease. 2008 , 65, 1640-8	53
468	The Golgi Apparatus. 2008 ,	12
467	The in vivo brain interactome of the amyloid precursor protein. 2008 , 7, 15-34	126
466	Loss of LR11/SORLA enhances early pathology in a mouse model of amyloidosis: evidence for a proximal role in Alzheimer's disease. 2008 , 28, 12877-86	97
465	Functional role of lipoprotein receptors in Alzheimer's disease. 2008 , 5, 15-25	106
464	Association between genetic variants in SORL1 and autopsy-confirmed Alzheimer disease. 2008 , 70, 887-9	63
463	Apolipoprotein E Receptor 2 and Very-Low-Density Lipoprotein Receptor: An Overview. 2008 , 15-35	3
462	Endocytosis of apolipoprotein A-V by members of the low density lipoprotein receptor and the VPS10p domain receptor families. 2008 , 283, 25920-7	83
461	Retromer deficiency observed in Alzheimer's disease causes hippocampal dysfunction, neurodegeneration, and Abeta accumulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7327-32	11.5 200
460	Retromer sorting: a pathogenic pathway in late-onset Alzheimer disease. 2008 , 65, 323-8	51
459	Retromer: multipurpose sorting and specialization in polarized transport. 2008 , 271, 153-98	15
458	Receptor-associated protein (RAP) plays a central role in modulating Abeta deposition in APP/PS1 transgenic mice. 2008 , 3, e3159	9
457	Expanding functions of lipoprotein receptors. 2009 , 50 Suppl, S287-92	55
456	Intracellular trafficking of presenilin 1 is regulated by beta-amyloid precursor protein and phospholipase D1. 2009 , 284, 12145-52	31
455	Development of an immunoassay for the quantification of soluble LR11, a circulating marker of atherosclerosis. 2009 , 55, 1801-8	32

454	Prostaglandin E2 stimulates the production of amyloid-beta peptides through internalization of the EP4 receptor. 2009 , 284, 18493-502	44
453	Brain-derived neurotrophic factor reduces amyloidogenic processing through control of SORLA gene expression. 2009 , 29, 15472-8	86
452	Reduction of SorLA/LR11, a sorting protein limiting beta-amyloid production, in Alzheimer disease cerebrospinal fluid. 2009 , 66, 448-57	58
451	Neuronal protein trafficking associated with Alzheimer disease: from APP and BACE1 to glutamate receptors. 2009 , 3, 118-28	53
450	Is abnormal axonal transport a cause, a contributing factor or a consequence of the neuronal pathology in Alzheimer's disease?. 2009 , 4, 761-773	30
449	Brain traffic: subcellular transport of the amyloid precursor protein. 2009 , 66, 433-4	7
448	S. pombe btn1, the orthologue of the Batten disease gene CLN3, is required for vacuole protein sorting of Cpy1p and Golgi exit of Vps10p. 2009 , 122, 1163-73	40
447	Implication of sex and SORL1 variants in italian patients with Alzheimer disease. 2009 , 66, 1260-6	34
446	Chipping away at diagnostics for neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2009 , 35, 148-56	7.5 17
445	CD40/CD40L interaction induces Abeta production and increases gamma-secretase activity independently of tumor necrosis factor receptor associated factor (TRAF) signaling. 2009 , 315, 2265-74	7
444	Association of SORL1 gene variants with Alzheimer's disease. 2009 , 1264, 1-6	44
443	Inhibition by KMI-574 leads to dislocalization of BACE1 from lipid rafts. 2009 , 87, 360-8	13
442	DHA diet reduces AD pathology in young APPswe/PS1 Delta E9 transgenic mice: possible gender effects. 2010 , 88, 1026-40	62
441	The Vps10p-domain receptor family. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 2677-89	10.3 144
440	Inhibition of cholesterol recycling impairs cellular PrP(Sc) propagation. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 3979-91	10.3 32
439	Expression of SORL1 and a novel SORL1 splice variant in normal and Alzheimers disease brain. 2009 , 4, 46	42
438	Apolipoprotein E and its receptors in Alzheimer's disease: pathways, pathogenesis and therapy. 2009 , 10, 333-44	809
437	Suppression of APP-containing vesicle trafficking and production of beta-amyloid by AID/DHHC-12 protein. 2009 , 111, 1213-24	30

436	SORL1 haplotypes modulate risk of Alzheimer's disease in Chinese. 2009 , 30, 1048-51		59
435	The role of apolipoprotein E in Alzheimer's disease. 2009 , 63, 287-303		1032
434	Interaction of the apolipoprotein E receptors low density lipoprotein receptor-related protein and sorLA/LR11. 2009 , 158, 1460-8		12
433	Lipoprotein receptors and cholesterol in APP trafficking and proteolytic processing, implications for Alzheimer's disease. 2009 , 20, 191-200		91
432	Trafficking, a key player in regulated intramembrane proteolysis. 2009 , 20, 183-90		69
431	Presenilin: RIP and beyond. 2009 , 20, 201-10		67
430	SORL1 is genetically associated with Alzheimer disease in a Japanese population. <i>Neuroscience Letters</i> , 2009 , 461, 177-80	3-3	47
429	Intracellular Traffic and Neurodegenerative Disorders. 2009 ,		
428	Apolipoprotein E receptors in the nervous system. 2009 , 20, 190-6		56
427	Current world literature. 2009 , 20, 242-9		1
426	Genetic and Genomic Aspects of Alzheimer's Disease. 2010 , 19, 334-341		
425	Prion protein is reduced in aging and in sporadic but not in familial Alzheimer's disease. 2010 , 22, 1023-31		30
424	Use of genetic variation as biomarkers for mild cognitive impairment and progression of mild cognitive impairment to dementia. 2010 , 19, 229-51		40
423	Regulation of β cleavage of amyloid precursor protein. 2010 , 26, 417-27		9
422	BACE and gamma-secretase characterization and their sorting as therapeutic targets to reduce amyloidogenesis. 2010 , 35, 181-210		34
421	Viable mouse gene ablations that robustly alter brain A β levels are rare. 2010 , 11, 143		10
420	Retrieval of the Alzheimer's amyloid precursor protein from the endosome to the TGN is S655 phosphorylation state-dependent and retromer-mediated. 2010 , 5, 40		100
419	Protein kinase C and rho activated coiled coil protein kinase 2 (ROCK2) modulate Alzheimer's APP metabolism and phosphorylation of the Vps10-domain protein, SorL1. 2010 , 5, 62		15

418	Cell-type dependent modulation of Notch signaling by the amyloid precursor protein. 2010 , 113, 262-74		14
417	KIBRA: A New Gateway to Learning and Memory?. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2, 4	53	64
416	Increased levels of soluble LR11 in cerebrospinal fluid of patients with Alzheimer disease. 2010 , 30, 28-32		24
415	Proteomic identification of sorting nexin 6 as a negative regulator of BACE1-mediated APP processing. 2010 , 24, 2783-94		74
414	SORLA/SORL1 functionally interacts with SPAK to control renal activation of Na(+)-K(+)-Cl(-) cotransporter 2. 2010 , 30, 3027-37		39
413	Identification of a linear epitope in sortilin that partakes in pro-neurotrophin binding. 2010 , 285, 12210-22		14
412	Diabetes-associated SorCS1 regulates Alzheimer's amyloid-beta metabolism: evidence for involvement of SorL1 and the retromer complex. 2010 , 30, 13110-5		119
411	The novel membrane protein TMEM59 modulates complex glycosylation, cell surface expression, and secretion of the amyloid precursor protein. 2010 , 285, 20664-74		50
410	The consequences of mitochondrial amyloid beta-peptide in Alzheimer's disease. 2010 , 426, 255-70		59
409	SORLA/SORL1, a neuronal sorting receptor implicated in Alzheimer's disease. 2010 , 21, 315-29		18
408	Formation and function of apolipoprotein E-containing lipoproteins in the nervous system. 2010 , 1801, 806-18		111
407	Membrane rafts in Alzheimer's disease beta-amyloid production. 2010 , 1801, 860-7		191
406	Implication of mouse Vps26b-Vps29-Vps35 retromer complex in sortilin trafficking. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 403, 167-71	3-4	47
405	Sort1, encoded by the cardiovascular risk locus 1p13.3, is a regulator of hepatic lipoprotein export. 2010 , 12, 213-23		202
404	Sortilin-mediated endocytosis determines levels of the frontotemporal dementia protein, progranulin. 2010 , 68, 654-67		368
403	Healthy aging and preclinical dementia: the United States-Israel Longitudinal Database project. 2010 , 6, 475-81		5
402	Lipoprotein receptors--an evolutionarily ancient multifunctional receptor family. 2010 , 391, 1341-63		81
401	The pathological cross talk between apolipoprotein E and amyloid-beta peptide in Alzheimer's disease: emerging gene-based therapeutic approaches. 2010 , 21, 35-48		14

400	In situ structural characterization of a recombinant protein in native Escherichia coli membranes with solid-state magic-angle-spinning NMR. 2011 , 133, 12370-3	70
399	Amyloid precursor protein processing and Alzheimer's disease. 2011 , 34, 185-204	1024
398	Genetics: finding risk factors. 2011 , 475, S20-2	54
397	Genetics of late-onset Alzheimer's disease: update from the alzgene database and analysis of shared pathways. 2011 , 2011, 832379	36
396	Bacterial expression, purification, and model membrane reconstitution of the transmembrane and cytoplasmic domains of the human APP binding protein LR11/SorLA for NMR studies. 2011 , 77, 224-30	9
395	Unraveling the biological mechanisms in Alzheimer's disease--lessons from genomics. 2011 , 35, 340-7	11
394	Mechanisms and function of dendritic exocytosis. 2011 , 69, 856-75	97
393	Biomarkers in Alzheimer's disease drug development. 2011 , 7, e13-44	87
392	Biomarkers of Alzheimer's disease: from central nervous system to periphery?. 2010 , 2011, 342980	3
391	Amyloid-Beta interaction with mitochondria. 2011 , 2011, 925050	172
390	The impact of a novel apolipoprotein E and amyloid- β protein precursor-interacting protein on the production of amyloid- β . 2011 , 26, 239-53	29
389	Amyloid Precursor Protein. 2011 ,	
388	Current conceptions of the etiology and risk factors for Alzheimer's disease and their possible implications on the design of dementia clinical trials. 2011 , 1, 1491-1503	
387	Lipid metabolism and glial lipoproteins in the central nervous system. 2011 , 34, 453-61	52
386	[Lipid metabolism in the central nervous system and neurodegenerative diseases]. 2011 , 137, 227-31	2
385	Physiology and pathology of endosome-to-Golgi retrograde sorting. 2011 , 12, 948-55	51
384	The structure of MESD45-184 brings light into the mechanism of LDLR family folding. 2011 , 19, 337-48	7
383	APP involvement in retinogenesis of mice. 2011 , 121, 351-63	14

382	Modeling neurodegeneration in zebrafish. 2011 , 11, 274-82	141
381	APP processing in Alzheimer's disease. <i>Molecular Brain</i> , 2011 , 4, 3	4-5 479
380	Crystallization and preliminary crystallographic analysis of human LR11 Vps10p domain. 2011 , 67, 129-32	4
379	Intracellular trafficking of the β secretase and processing of amyloid precursor protein. 2011 , 63, 721-9	11
378	Retromer disruption promotes amyloidogenic APP processing. <i>Neurobiology of Disease</i> , 2011 , 43, 338-457.5	77
377	Sortilin associates with transforming growth factor-beta family proteins to enhance lysosome-mediated degradation. 2011 , 286, 21876-85	24
376	BACE1 retrograde trafficking is uniquely regulated by the cytoplasmic domain of sortilin. 2011 , 286, 12602-16	80
375	Prion protein interacts with BACE1 protein and differentially regulates its activity toward wild type and Swedish mutant amyloid precursor protein. 2011 , 286, 33489-500	42
374	Meta-analysis of the association between variants in SORL1 and Alzheimer disease. 2011 , 68, 99-106	135
373	Entry at the trans-face of the Golgi. 2011 , 3,	46
372	Rho kinase II phosphorylation of the lipoprotein receptor LR11/SORLA alters amyloid-beta production. 2011 , 286, 6117-27	42
371	Sorting protein-related receptor SorLA controls regulated secretion of glial cell line-derived neurotrophic factor. 2011 , 286, 41871-41882	11
370	Genetic risk factors for cerebral small-vessel disease in hypertensive patients from a genetically isolated population. 2011 , 82, 41-4	27
369	SorLA regulates the activity of lipoprotein lipase by intracellular trafficking. 2011 , 124, 1095-105	58
368	Retromer binds the FANSHY sorting motif in SorLA to regulate amyloid precursor protein sorting and processing. 2012 , 32, 1467-80	181
367	β Secretase, apolipoprotein E and cellular cholesterol metabolism. 2012 , 9, 189-99	8
366	Quantitative modelling of amyloidogenic processing and its influence by SORLA in Alzheimer's disease. 2012 , 31, 187-200	54
365	Apolipoprotein E and apolipoprotein E receptors: normal biology and roles in Alzheimer disease. 2012 , 2, a006312	497

364	Trafficking and proteolytic processing of APP. 2012 , 2, a006270		628
363	Ubiquitin-1 regulates amyloid precursor protein maturation and degradation by stimulating K63-linked polyubiquitination of lysine 688. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13416-21	11.5	70
362	RAB-6.2 and the retromer regulate glutamate receptor recycling through a retrograde pathway. <i>Journal of Cell Biology</i> , 2012 , 196, 85-101	7.3	45
361	Metabolic dysfunction in Alzheimer's disease and related neurodegenerative disorders. 2012 , 9, 5-17		191
360	The role of intracellular trafficking and the VPS10d receptors in Alzheimer's disease. 2012 , 7, 423-431		11
359	SorLA is a molecular link for retromer-dependent sorting of the Amyloid precursor protein. 2012 , 5, 616-9		10
358	Beyond amyloid: the future of therapeutics for Alzheimer's disease. 2012 , 64, 213-71		29
357	Low-density lipoprotein receptor overexpression enhances the rate of brain-to-blood A β clearance in a mouse model of β amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15502-7	11.5	120
356	The genetics of Alzheimer's disease. 2012 , 2012, 246210		41
355	GGA1-mediated endocytic traffic of LR11/SorLA alters APP intracellular distribution and amyloid- β production. 2012 , 23, 2645-57		45
354	An intronic ncRNA-dependent regulation of SORL1 expression affecting A β formation is upregulated in post-mortem Alzheimer's disease brain samples. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 424-33	4.1	108
353	Association of SORL1 alleles with late-onset Alzheimer's disease. findings from the GIGAS_LOAD study and mega-analysis. 2012 , 9, 491-9		11
352	Alzheimer's disease: a clinical practice-oriented review. 2012 , 3, 63		43
351	SorLA deficiency dissects amyloid pathology from tau and cholinergic neurodegeneration in a mouse model of Alzheimer's disease. 2013 , 33, 357-71		10
350	Role of the Amyloid Precursor Protein and Copper in Alzheimer's Disease. 2012 , 181-232		
349	Identification of Alzheimer disease risk genotype that predicts efficiency of SORL1 expression in the brain. 2012 , 69, 373-9		27
348	Molecular physiology of SPAK and OSR1: two Ste20-related protein kinases regulating ion transport. 2012 , 92, 1577-617		91
347	The retromer complex - endosomal protein recycling and beyond. 2012 , 125, 4693-702		319

346	Huntingtin associated protein 1 regulates trafficking of the amyloid precursor protein and modulates amyloid beta levels in neurons. 2012 , 122, 1010-22		26
345	The genetics of Alzheimer disease. 2012 , 2,		431
344	The Alzheimer's associated 5' region of the SORL1 gene cis regulates SORL1 transcripts expression. 2012 , 33, 1485.e1-8		14
343	Identification of Alzheimer disease-associated variants in genes that regulate retromer function. 2012 , 33, 2231.e15-2231.e30		115
342	Cellular mechanisms of β -secretase substrate selection, processing and toxicity. 2012 , 98, 166-75		28
341	Sortilin: a receptor to regulate neuronal viability and function. 2012 , 35, 261-70		137
340	Amyloid precursor protein (APP) traffics from the cell surface via endosomes for amyloid β (A β) production in the trans-Golgi network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2077-82	11.5	163
339	Multi-compartmental modeling of SORLA's influence on amyloidogenic processing in Alzheimer's disease. 2012 , 6, 74		10
338	Retromers in Alzheimer's disease. 2012 , 10, 116-21		25
337	The genetics of Alzheimer's disease. 2012 , 107, 79-100		130
336	Encyclopedia of Signaling Molecules. 2012 , 1268-1274		
335	Regulation of amyloid- β production by the prion protein. 2012 , 6, 217-22		13
334	Interrelations between CSF soluble APP β amyloid- β 42, SORL1, and tau levels in Alzheimer's disease. 2012 , 28, 543-52		21
333	Encyclopedia of Signaling Molecules. 2012 , 1261-1261		
332	Encyclopedia of Signaling Molecules. 2012 , 1183-1187		
331	LDLR-related protein 10 (LRP10) regulates amyloid precursor protein (APP) trafficking and processing: evidence for a role in Alzheimer's disease. 2012 , 7, 31		41
330	Neuronal LR11 expression does not differentiate between clinically-defined Alzheimer's disease and control brains. 2012 , 7, e40527		9
329	Effects of DHA-rich n-3 fatty acid supplementation on gene expression in blood mononuclear leukocytes: the OmegAD study. 2012 , 7, e35425		62

328	Genomics of Dementia: APOE- and CYP2D6-Related Pharmacogenetics. 2012 , 2012, 518901		38
327	The genetics and neuropathology of Alzheimer's disease. 2012 , 124, 305-23		174
326	SorLA in glia: shared subcellular distribution patterns with caveolin-1. 2012 , 32, 409-21		8
325	Sortilin and SorLA regulate neuronal sorting of trophic and dementia-linked proteins. 2012 , 45, 379-87		16
324	The role of lipoprotein receptors on the physiological function of APP. 2012 , 217, 377-87		24
323	Bite APP-cleaving enzyme 1 trafficking and Alzheimer's disease pathogenesis. 2012 , 120, 869-80		56
322	Alzheimer culprits: cellular crossroads and interplay. 2012 , 24, 1831-40		56
321	Membrane trafficking pathways in Alzheimer's disease. 2012 , 13, 759-70		142
320	The location and trafficking routes of the neuronal retromer and its role in amyloid precursor protein transport. <i>Neurobiology of Disease</i> , 2012 , 47, 126-34	7.5	86
319	Mild cognitive impairment: pathology and mechanisms. 2012 , 123, 13-30		150
318	The synaptic maintenance problem: membrane recycling, Ca ²⁺ homeostasis and late onset degeneration. 2013 , 8, 23		67
317	Trafficking in neurons: searching for new targets for Alzheimer's disease future therapies. 2013 , 719, 84-106		22
316	Vitreous fluid and circulating levels of soluble Irf11, a novel marker for progression of diabetic retinopathy. 2013 , 251, 2689-95		6
315	Microglial beclin 1 regulates retromer trafficking and phagocytosis and is impaired in Alzheimer's disease. 2013 , 79, 873-86		241
314	SorLA controls neurotrophic activity by sorting of GDNF and its receptors GFR α and RET. 2013 , 3, 186-99		42
313	A paired RNAi and RabGAP overexpression screen identifies Rab11 as a regulator of β amyloid production. 2013 , 5, 1536-51		84
312	Protein trafficking and maturation regulate intramembrane proteolysis. 2013 , 1828, 2855-61		20
311	Recruitment of the Mint3 adaptor is necessary for export of the amyloid precursor protein (APP) from the Golgi complex. 2013 , 288, 28567-80		23

310	Sorting receptor SORLA--a trafficking path to avoid Alzheimer disease. 2013 , 126, 2751-60	80
309	Sortilin and SorLA display distinct roles in processing and trafficking of amyloid precursor protein. 2013 , 33, 64-71	71
308	Site amyloid precursor protein-cleaving enzyme 1 activity is related to cerebrospinal fluid concentrations of sortilin-related receptor with A-type repeats, soluble amyloid precursor protein, and tau. 2013 , 9, 386-91	15
307	The pro-neurotrophin receptor sortilin is a major neuronal apolipoprotein E receptor for catabolism of amyloid- β peptide in the brain. 2013 , 33, 358-70	62
306	Intracellular itinerary of internalised β -secretase, BACE1, and its potential impact on β -amyloid peptide biogenesis. 2013 , 14, 997-1013	42
305	An updated meta-analysis of the association between SORL1 variants and the risk for sporadic Alzheimer's disease. 2013 , 37, 429-37	19
304	Loss of vps54 function leads to vesicle traffic impairment, protein mis-sorting and embryonic lethality. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 10908-25	6.3 23
303	Ubiquilin-1 and protein quality control in Alzheimer disease. 2013 , 7, 164-9	19
302	New horizons for lipoprotein receptors: communication by β -propellers. 2013 , 54, 2763-74	10
301	SORLA-dependent and -independent functions for PACS1 in control of amyloidogenic processes. 2013 , 33, 4308-20	20
300	A lipoprotein receptor cluster IV mutant preferentially binds amyloid- β and regulates its clearance from the mouse brain. 2013 , 288, 15154-66	29
299	SORL1 is genetically associated with neuropathologically characterized late-onset Alzheimer's disease. 2013 , 35, 387-94	29
298	Abstract.	
297	The intracellular domain of sortilin interacts with amyloid precursor protein and regulates its lysosomal and lipid raft trafficking. 2013 , 8, e63049	21
296	The genetic variation of SORCS1 is associated with late-onset Alzheimer's disease in Chinese Han population. 2013 , 8, e63621	13
295	Soluble alpha-APP (sAPP α) regulates CDK5 expression and activity in neurons. 2013 , 8, e65920	22
294	SORLA-mediated trafficking of TrkB enhances the response of neurons to BDNF. 2013 , 8, e72164	19
293	Sortilin-related receptor SORCS3 is a postsynaptic modulator of synaptic depression and fear extinction. 2013 , 8, e75006	49

292	HIV-1 Tat interacts with and regulates the localization and processing of amyloid precursor protein. 2013 , 8, e77972		49
291	Analysis of the overall structure of the multi-domain amyloid precursor protein (APP). 2013 , 8, e81926		19
290	High glucose promotes A β production by inhibiting APP degradation. 2013 , 8, e69824		44
289	The low-density lipoprotein receptor-related protein 1 and amyloid- β clearance in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 93	5.3	141
288	Genome-Wide Analyses of Working-Memory Ability: A Review. 2014 , 1, 224-233		11
287	Genetics of Alzheimer's disease. 2014 , 11, 732-7		108
286	Sorting the role of SORLA in Alzheimer's disease. 2014 , 6, 223fs8		10
285	Human sorCS1 binds sortilin and hampers its cellular functions. 2014 , 457, 277-88		10
284	Dysregulation of protein trafficking in neurodegeneration. 2014 , 9, 31		77
283	Function, therapeutic potential and cell biology of BACE proteases: current status and future prospects. 2014 , 130, 4-28		232
282	Spatiotemporal expression analysis of the growth factor receptor SorCS3. 2014 , 522, 3386-402		24
281	Apolipoprotein E receptor pathways in Alzheimer disease. 2014 , 6, 255-70		8
280	α 2A adrenergic receptor promotes amyloidogenesis through disrupting APP-SorLA interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17296-301	11.5	38
279	The SORL1 gene and convergent neural risk for Alzheimer's disease across the human lifespan. 2014 , 19, 1125-32		29
278	Lysosomal sorting of amyloid- β by the SORLA receptor is impaired by a familial Alzheimer's disease mutation. 2014 , 6, 223ra20		100
277	Association between the SORL1 rs2070045 polymorphism and late-onset Alzheimer's disease: interaction with the ApoE genotype in the Chinese Han population. <i>Neuroscience Letters</i> , 2014 , 559, 94-8 ³ 3		13
276	Trafficking regulation of proteins in Alzheimer's disease. 2014 , 9, 6		99
275	Sorting through the roles of beclin 1 in microglia and neurodegeneration. 2014 , 9, 285-92		18

274	Neurotrophic Factors. 2014,		24
273	Sortilins in neurotrophic factor signaling. 2014, 220, 165-89		28
272	The SORL1 polymorphism rs985421 may confer the risk for amnesic mild cognitive impairment and Alzheimer's disease in the Han Chinese population. <i>Neuroscience Letters</i> , 2014, 563, 80-4	3.3	15
271	Pharmacological chaperones stabilize retromer to limit APP processing. 2014, 10, 443-9		148
270	Genetic markers for diagnosis and pathogenesis of Alzheimer's disease. 2014, 545, 185-93		88
269	Progressive retinal degeneration and accumulation of autofluorescent lipopigments in Progranulin deficient mice. 2014, 1588, 168-74		25
268	F-box only protein 2 (Fbxo2) regulates amyloid precursor protein levels and processing. 2014, 289, 7038-7048		26
267	More than cholesterol transporters: lipoprotein receptors in CNS function and neurodegeneration. 2014, 83, 771-87		90
266	Protein sorting at the trans-Golgi network. 2014, 30, 169-206		149
265	The Amyloid Precursor Protein is rapidly transported from the Golgi apparatus to the lysosome and where it is processed into beta-amyloid. <i>Molecular Brain</i> , 2014, 7, 54	4.5	46
264	Modulation of amyloid precursor protein expression reduces β amyloid deposition in a mouse model. 2014, 75, 684-99		20
263	Bidirectional links between Alzheimer's disease and Niemann-Pick type C disease. <i>Neurobiology of Disease</i> , 2014, 72 Pt A, 37-47	7.5	59
262	Effect of caffeine on Alzheimer's molecular factors in correlation with involved cell communication systems in developing zebrafish <i>Danio rerio</i> . 2015, 39,		
261	Imaging the Intracellular Trafficking of APP with Photoactivatable GFP. 2015, e53153		4
260	Threonine 576 residue of amyloid- β precursor protein regulates its trafficking and processing. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 955-60	3.4	8
259	An exploratory study of the association between SORL1 polymorphisms and sporadic Alzheimer's disease in the Han Chinese population. 2015, 11, 1443-8		6
258	Retromer-Mediated Trafficking of Transmembrane Receptors and Transporters. 2015, 5, 288-306		18
257	Y682G Mutation of Amyloid Precursor Protein Promotes Endo-Lysosomal Dysfunction by Disrupting APP-SorLA Interaction. 2015, 9, 109		20

256	SorLA complement-type repeat domains protect the amyloid precursor protein against processing. 2015 , 290, 3359-76	26
255	Structural basis for amyloidogenic peptide recognition by sorLA. 2015 , 22, 199-206	41
254	Axonal amyloid precursor protein and its fragments undergo somatodendritic endocytosis and processing. 2015 , 26, 205-17	30
253	Genetic Factors in Environmentally Induced Disease. 2015 , 21-43	1
252	PAT1 inversely regulates the surface Amyloid Precursor Protein level in mouse primary neurons. 2015 , 16, 10	5
251	Amyloid-beta: a crucial factor in Alzheimer's disease. 2015 , 24, 1-10	249
250	Cellular functions of the amyloid precursor protein from development to dementia. 2015 , 32, 502-15	140
249	Elucidating molecular phenotypes caused by the SORL1 Alzheimer's disease genetic risk factor using human induced pluripotent stem cells. 2015 , 16, 373-85	109
248	Mutants of metal binding site M1 in APP E2 show metal specific differences in binding of heparin but not of sorLA. 2015 , 54, 2490-9	6
247	ATP-binding cassette transporter A7 (ABCA7) loss of function alters Alzheimer amyloid processing. 2015 , 290, 24152-65	71
246	SorCS1 variants and amyloid precursor protein (APP) are co-transported in neurons but only SorCS1c modulates anterograde APP transport. 2015 , 135, 60-75	13
245	Nucleic acid-based risk factors and biomarkers: a future perspective on their use and development in Alzheimer's disease. 2015 , 12, 475-482	
244	Distinct Functions for Anterograde and Retrograde Sorting of SORLA in Amyloidogenic Processes in the Brain. 2015 , 35, 12703-13	22
243	ApoE-isoform-dependent cellular uptake of amyloid- β s mediated by lipoprotein receptor LR11/SorLA. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 456, 482-8	3-4 19
242	The use of pharmacological retromer chaperones in Alzheimer's disease and other endosomal-related disorders. 2015 , 12, 12-8	27
241	A membrane proximal helix in the cytosolic domain of the human APP interacting protein LR11/SorLA deforms liposomes. 2015 , 1848, 323-8	2
240	Brain-derived neurotrophic factor plasma levels: relationship with dementia and diabetes in the elderly population. 2015 , 70, 294-302	40
239	The Role of SORL1 in Alzheimer's Disease. 2015 , 51, 909-18	62

238	Genes associated with Alzheimer's disease: an overview and current status. 2016 , 11, 665-81		161
237	Role of the Retromer Complex in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 42	5-3	16
236	Role of Endolysosomes in Skeletal Muscle Pathology Observed in a Cholesterol-Fed Rabbit Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 129	5-3	5
235	Amyloid Precursor Proteins Are Dynamically Trafficked and Processed during Neuronal Development. 2016 , 9, 130		11
234	Dysregulation of intracellular trafficking and endosomal sorting in Alzheimer's disease: controversies and unanswered questions. 2016 , 473, 1977-93		43
233	Cytokine-Like Factor 1, an Essential Facilitator of Cardiotrophin-Like Cytokine:Ciliary Neurotrophic Factor Receptor Signaling and sorLA-Mediated Turnover. 2016 , 36, 1272-86		19
232	Membrane trafficking and proteolytic activity of β secretase in Alzheimer's disease. 2016 , 397, 827-35		3
231	Polarized trafficking of the sorting receptor SorLA in neurons and MDCK cells. 2016 , 283, 2476-93		13
230	SORL1 gene, plasma biomarkers, and the risk of Alzheimer's disease for the Han Chinese population in Taiwan. 2016 , 8, 53		14
229	Highly potent intracellular membrane-associated A β seeds. 2016 , 6, 28125		15
228	SORLA regulates calpain-dependent degradation of synapsin. 2016 , 12, 952-963		7
227	A comprehensive study of the genetic impact of rare variants in SORL1 in European early-onset Alzheimer's disease. 2016 , 132, 213-224		62
226	Unexpected partial correction of metabolic and behavioral phenotypes of Alzheimer's APP/PSEN1 mice by gene targeting of diabetes/Alzheimer's-related Sorcs1. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 16	7-3	16
225	Genomics of Alzheimer Disease: A Review. 2016 , 73, 867-74		83
224	Physiological and pathological roles of the β secretase complex. 2016 , 126, 199-206		25
223	Retromer in Polarized Protein Transport. 2016 , 323, 129-79		12
222	BECN1/Beclin 1 sorts cell-surface APP/amyloid β precursor protein for lysosomal degradation. 2016 , 12, 2404-2419		34
221	SNX27 and SORLA Interact to Reduce Amyloidogenic Subcellular Distribution and Processing of Amyloid Precursor Protein. 2016 , 36, 7996-8011		33

220	A Greek Tragedy: The Growing Complexity of Alzheimer Amyloid Precursor Protein Proteolysis. 2016 , 291, 19235-44	113
219	The amyloid hypothesis of Alzheimer's disease at 25 years. 2016 , 8, 595-608	2876
218	Risk factor SORL1: from genetic association to functional validation in Alzheimer's disease. 2016 , 132, 653-665	45
217	Effect of Alzheimer's Disease Risk Variant rs3824968 at SORL1 on Regional Gray Matter Volume and Age-Related Interaction in Adult Lifespan. 2016 , 6, 23362	7
216	mutations in early- and late-onset Alzheimer disease. 2016 , 2, e116	45
215	Stability analysis of the ODE model representation of amyloidogenic processing in Alzheimer's disease in the presence of SORLA. 2016 , 12, 1468-77	3
214	Retromer-Mediated Protein Sorting and Vesicular Trafficking. 2016 , 43, 165-77	20
213	Molecular genetics of early-onset Alzheimer's disease revisited. 2016 , 12, 733-48	258
212	The Amyloid Precursor Protein and Cognitive Function in Alzheimer's Disease. 2016 , 97-133	2
211	Cargo trafficking in Alzheimer's disease: the possible role of retromer. 2016 , 37, 17-22	8
210	Next Generation Sequencing in Alzheimer's Disease. 2016 , 1303, 281-97	10
209	SORL1 rare variants: a major risk factor for familial early-onset Alzheimer's disease. 2016 , 21, 831-6	71
208	The Role of Retromer in Alzheimer's Disease. 2016 , 53, 4201-4209	9
207	Systems Biology of Alzheimer's Disease. 2016 ,	4
206	SNX15 Regulates Cell Surface Recycling of APP and Aβ Generation. 2016 , 53, 3690-3701	9
205	SORL1 Is Associated with the Risk of Late-Onset Alzheimer's Disease: a Replication Study and Meta-Analyses. 2017 , 54, 1725-1732	7
204	SorLA in Interleukin-6 Signaling and Turnover. 2017 , 37,	11
203	O-GlcNAcylation of amyloid-precursor protein at threonine 576 residue regulates trafficking and processing. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 486-491	3-4 30

202	Neuroepigenomics in Aging and Disease. 2017 ,	3
201	Stem Cell Technology for (Epi)genetic Brain Disorders. 2017 , 978, 443-475	4
200	[Search for risk genes in Alzheimer's disease]. 2017 , 88, 744-750	3
199	Characterization of pathogenic SORL1 genetic variants for association with Alzheimer's disease: a clinical interpretation strategy. 2017 , 25, 973-981	62
198	Amyloid precursor protein traffics from the Golgi directly to early endosomes in an Arl5b- and AP4-dependent pathway. 2017 , 18, 159-175	38
197	Endo-lysosomal and autophagic dysfunction: a driving factor in Alzheimer's disease?. 2017 , 140, 703-717	79
196	Binding Sites for Amyloid- β Oligomers and Synaptic Toxicity. 2017 , 7,	58
195	Endosomal Traffic Jams Represent a Pathogenic Hub and Therapeutic Target in Alzheimer's Disease. 2017 , 40, 592-602	68
194	Genetics of Alzheimer's disease: From pathogenesis to clinical usage. 2017 , 45, 1-8	24
193	SORLA attenuates EphA4 signaling and amyloid β induced neurodegeneration. 2017 , 214, 3669-3685	19
192	Alzheimer's Disease: Insights from Genetic Mouse Models and Current Advances in Human iPSC-Derived Neurons. 2017 , 15, 3-29	4
191	Sorting receptor SORLA: cellular mechanisms and implications for disease. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 1475-1483	10.3 25
190	Sex-specific characterization and evaluation of the Alzheimer's disease genetic risk factor sorl1 in zebrafish during aging and in the adult brain following a 100 ppb embryonic lead exposure. 2017 , 37, 400-407	9
189	Overview and Current Status of Alzheimer's Disease in Bangladesh. 2017 , 1, 27-42	5
188	Molecular mechanisms of the genetic risk factors in pathogenesis of Alzheimer disease. 2017 , 22, 180-192	10
187	Functional Roles of the Interaction of APP and Lipoprotein Receptors. 2017 , 10, 54	31
186	Alzheimer's Disease: From Genetic Variants to the Distinct Pathological Mechanisms. 2017 , 10, 319	23
185	Sortilin-Related Receptor Expression in Human Neural Stem Cells Derived from Alzheimer's Disease Patients Carrying the APOE Epsilon 4 Allele. 2017 , 2017, 1892612	16

184	Biallelic Loss of Function of SORL1 in an Early Onset Alzheimer's Disease Patient. 2018 , 62, 821-831	10
183	Biochemical and cognitive effects of docosahexaenoic acid differ in a developmental and SorLA dependent manner. 2018 , 348, 90-100	1
182	ROCK inhibition in models of neurodegeneration and its potential for clinical translation. 2018 , 189, 1-21	81
181	SORL1 Variants in Familial Alzheimer's Disease. 2018 , 61, 1275-1281	8
180	Encyclopedia of Signaling Molecules. 2018 , 3401-3401	
179	Isoprenoids and protein prenylation: implications in the pathogenesis and therapeutic intervention of Alzheimer's disease. 2018 , 53, 279-310	54
178	Untangling Genetic Risk for Alzheimer's Disease. 2018 , 83, 300-310	101
177	Traffic jam hypothesis: Relationship between endocytic dysfunction and Alzheimer's disease. 2018 , 119, 35-41	15
176	Trafficking in Alzheimer's Disease: Modulation of APP Transport and Processing by the Transmembrane Proteins LRP1, SorLA, SorCS1c, Sortilin, and Calsyntenin. 2018 , 55, 5809-5829	35
175	Sortilin inhibits amyloid pathology by regulating non-specific degradation of APP. 2018 , 299, 75-85	8
174	Transient increase in sAPP β secretion in response to A β -42 oligomers: an attempt of neuronal self-defense?. 2018 , 61, 23-35	5
173	The physical approximation of APP and BACE-1: A key event in alzheimer's disease pathogenesis. 2018 , 78, 340-347	48
172	GGA1 regulates signal-dependent sorting of BACE1 to recycling endosomes, which moderates A β production. 2018 , 29, 191-208	26
171	3 .Neuropathologie und molekulare Mechanismen. 2018 , 35-122	0
170	Zebrafish: an emerging real-time model system to study Alzheimer's disease and neurospecific drug discovery. 2018 , 4, 45	80
169	An alternative transcript of the Alzheimer's disease risk gene SORL1 encodes a truncated receptor. 2018 , 71, 266.e11-266.e24	8
168	The Retromer Complex and Sorting Nexins in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 79	5-3 34
167	Neuroepigenetics and Alzheimer's Disease: An Update. 2018 , 64, 671-688	12

166	Cellular Trafficking of Amyloid Precursor Protein in Amyloidogenesis Physiological and Pathological Significance. 2019 , 56, 812-830	10
165	Endosomal sorting and trafficking, the retromer complex and neurodegeneration. 2019 , 24, 857-868	35
164	Association of Serum SorLA with Intimal Hyperplasia after Carotid Endarterectomy Operation: A Retrospective Analysis. 2019 , 54, 200-204	
163	Lysosome biogenesis in health and disease. 2019 , 148, 573-589	60
162	p110PI3-Kinase Inhibition Perturbs APP and TNF β Trafficking, Reduces Plaque Burden, Dampens Neuroinflammation, and Prevents Cognitive Decline in an Alzheimer's Disease Mouse Model. 2019 , 39, 7976-7991	12
161	SNX8 Enhances Non-amyloidogenic APP Trafficking and Attenuates A β Accumulation and Memory Deficits in an AD Mouse. 2019 , 13, 410	6
160	Reduction of the expression of the late-onset Alzheimer's disease (AD) risk-factor does not affect amyloid pathology in an AD mouse model. 2019 , 294, 4477-4487	18
159	Regulatory Roles of Sortilin and SorLA in Immune-Related Processes. 2018 , 9, 1507	16
158	A candidate gene study of risk for dementia in older, postmenopausal women: Results from the Women's Health Initiative Memory Study. 2019 , 34, 692-699	11
157	Protective Variants in Alzheimer's Disease. 2019 , 7, 1-12	6
156	SORLA regulates endosomal trafficking and oncogenic fitness of HER2. 2019 , 10, 2340	28
155	Golgi Complex Dynamics and Its Implication in Prevalent Neurological Disorders. 2019 , 7, 75	11
154	Amyloidosis causes downregulation of SorLA, SorCS1 and SorCS3 expression in mice. 2019 , 400, 1181-1189	7
153	New molecular approaches to Alzheimer's disease. 2019 , 72, 81-86	14
152	The role of long non-coding RNAs in the pathogenesis of hereditary diseases. 2019 , 12, 42	26
151	SorCS2 Controls Functional Expression of Amino Acid Transporter EAAT3 and Protects Neurons from Oxidative Stress and Epilepsy-Induced Pathology. 2019 , 26, 2792-2804.e6	14
150	SORL1 genetic variants and Alzheimer disease risk: a literature review and meta-analysis of sequencing data. 2019 , 138, 173-186	37
149	The new genetic landscape of Alzheimer's disease: from amyloid cascade to genetically driven synaptic failure hypothesis?. 2019 , 138, 221-236	82

148	Systematic and standardized comparison of reported amyloid- β receptors for sufficiency, affinity, and Alzheimer's disease relevance. 2019 , 294, 6042-6053	28
147	Reviews on Biomarker Studies in Psychiatric and Neurodegenerative Disorders. 2019 ,	3
146	Genetic Risk Factors for Alzheimer Disease: Emerging Roles of Microglia in Disease Pathomechanisms. 2019 , 1118, 83-116	23
145	Downregulation of SNX27 expression does not exacerbate amyloidogenesis in the APP/PS1 Alzheimer's disease mouse model. 2019 , 77, 144-153	3
144	A Molecular Mechanism for Abnormal Prion Protein Accumulation. 2019 ,	
143	Emerging roles of long non-coding RNAs in the pathogenesis of Alzheimer's disease. 2019 , 50, 19-26	21
142	Relationship between long non-coding RNAs and Alzheimer's disease: a systematic review. 2019 , 215, 12-20	9
141	The role of membrane trafficking in the processing of amyloid precursor protein and production of amyloid peptides in Alzheimer's disease. 2019 , 1861, 697-712	39
140	Genetic Study of Alzheimer's Disease in Saudi Population. 2019 , 67, 231-242	6
139	Candidate-based screening via gene modulation in human neurons and astrocytes implicates FERMT2 in A β and TAU proteostasis. 2019 , 28, 718-735	17
138	CDT2-controlled cell cycle reentry regulates the pathogenesis of Alzheimer's disease. 2019 , 15, 217-231	17
137	Relationship between normal weight obesity and mild cognitive impairment is reflected in cognitive-related genes in human peripheral blood mononuclear cells. 2020 , 20, 35-43	3
136	Diseases of the nervous system. 2020 , 219-258	
135	Molecular and cellular mechanisms underlying the pathogenesis of Alzheimer's disease. 2020 , 15, 40	165
134	Inhibition of 37/67kDa Laminin-1 Receptor Restores APP Maturation and Reduces Amyloid- β in Human Skin Fibroblasts from Familial Alzheimer's Disease. 2020 , 10,	2
133	Transmissible Endosomal Intoxication: A Balance between Exosomes and Lysosomes at the Basis of Intercellular Amyloid Propagation. 2020 , 8,	9
132	Phosphatidylinositol-4-phosphate 5-kinase type 1 β attenuates A β production by promoting non-amyloidogenic processing of amyloid precursor protein. 2020 , 34, 12127-12146	1
131	Depletion of the AD Risk Gene SORL1 Selectively Impairs Neuronal Endosomal Traffic Independent of Amyloidogenic APP Processing. 2020 , 31, 107719	43

130	Brain transcriptome analysis reveals subtle effects on mitochondrial function and iron homeostasis of mutations in the SORL1 gene implicated in early onset familial Alzheimer's disease. <i>Molecular Brain</i> , 2020 , 13, 142	4.5	8
129	Alzheimer's genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner. 2020 ,		6
128	Multi-omic comparison of Alzheimer's variants in human ESC-derived microglia reveals convergence at APOE. 2020 , 217,		17
127	Intracellular Trafficking Mechanisms of Synaptic Dysfunction in Alzheimer's Disease. 2020 , 14, 72		15
126	SORLA Expression in Synaptic Plexiform Layers of Mouse Retina. 2020 , 57, 3106-3117		
125	DNA methylation in the pathology of Alzheimer's disease: from gene to cognition. 2020 , 1475, 15-33		6
124	APP Maturation and Intracellular Localization Are Controlled by a Specific Inhibitor of 37/67 kDa Laminin-1 Receptor in Neuronal Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
123	Soluble SORLA Enhances Neurite Outgrowth and Regeneration through Activation of the EGF Receptor/ERK Signaling Axis. 2020 , 40, 5908-5921		5
122	Sorting Out the Role of the in Alzheimer's Disease. 2020 , 4, 123-140		7
121	Dendritic Spines in Alzheimer's Disease: How the Actin Cytoskeleton Contributes to Synaptic Failure. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	23
120	Hippocampal Lipocalin 2 Is Associated With Neuroinflammation and Iron-Related Oxidative Stress in ob/ob Mice. 2020 , 79, 530-541		12
119	Role of Microglia in Regulating Cholesterol and Tau Pathology in Alzheimer's Disease. 2021 , 41, 651-668		3
118	APP Binds to the EGFR Ligands HB-EGF and EGF, Acting Synergistically with EGF to Promote ERK Signaling and Neurogenesis. 2021 , 58, 668-688		4
117	Early detection and personalized medicine: Future strategies against Alzheimer's disease. 2021 , 177, 157-173		1
116	Genetic Aspects of Early-Onset Alzheimer's Disease. 2021 , 29-39		
115	Comparative analysis of Alzheimer's disease knock-in model brain transcriptomes implies changes to energy metabolism as a causative pathogenic stress.		
114	Metabolic disorder in Alzheimer's disease. 2021 , 36, 781-813		3
113	Genetic Variability in Molecular Pathways Implicated in Alzheimer's Disease: A Comprehensive Review. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 646901	5.3	5

112	Epigenetic Regulation of Alternative Splicing: How LncRNAs Tailor the Message. 2021 , 7,		9
111	A Particular SORL1 Micro-haplotype May Prevent Severe Liver Disease in a French Cohort of Alpha 1-Antitrypsin-deficient Children. 2021 , 73, e68-e72		0
110	Expression of an alternatively spliced variant of SORL1 in neuronal dendrites is decreased in patients with Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 43	7.3	0
109	Sortilin-related receptor is a druggable therapeutic target in breast cancer.		
108	Exploring dementia and neuronal ceroid lipofuscinosis genes in 100 FTD-like patients from 6 towns and rural villages on the Adriatic Sea coast of Apulia. 2021 , 11, 6353		2
107	SorCS2 deletion leads to altered neuronal lysosome activity.		
106	Emerging role of non-coding RNA in health and disease. 2021 , 36, 1119-1134		21
105	LRP10 interacts with SORL1 in the intracellular vesicle trafficking pathway in non-neuronal brain cells and localises to Lewy bodies in Parkinson's disease and dementia with Lewy bodies. 2021 , 142, 117-137		0
104	ApoE4 disrupts interaction of sortilin with fatty acid-binding protein 7 essential to promote lipid signaling.		
103	A nontoxigenic form of Shiga toxin 2 suppresses the production of amyloid β by altering the intracellular transport of amyloid precursor protein through its receptor-binding B-subunit. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 557, 247-253	3.4	2
102	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimer's disease. 2021 , 218,		6
101	SORL1 deficiency in human excitatory neurons causes APP-dependent defects in the endolysosome-autophagy network. 2021 , 35, 109259		12
100	Impaired SorLA maturation and trafficking as a new mechanism for SORL1 missense variants in Alzheimer disease.		1
99	In vivo evidence that SORL1, encoding the endosomal recycling receptor SORLA, can function as a causal gene in Alzheimer's Disease.		1
98	Novel Rare SORL1 Variants in Early-Onset Dementia. 2021 , 82, 761-770		1
97	Advances with Long Non-Coding RNAs in Alzheimer's Disease as Peripheral Biomarker. <i>Genes</i> , 2021 , 12,	4.2	5
96	The Alzheimer's gene SORL1 is a key regulator of endosomal recycling in human neurons.		0
95	Neuronal Trafficking of the Amyloid Precursor Protein-What Do We Really Know?. 2021 , 9,		0

94	ApoE4 disrupts interaction of sortilin with fatty acid-binding protein 7 essential to promote lipid signaling. 2021 , 134,	0
93	Sortilin-related receptor is a druggable therapeutic target in breast cancer. 2021 ,	0
92	The neurobiology of non-coding RNAs and Alzheimer's disease pathogenesis: Pathways, mechanisms and translational opportunities. 2021 , 71, 101425	11
91	A feed-forward loop between SorLA and HER3 determines heregulin response and neratinib resistance. 2021 , 40, 1300-1317	7
90	Genetics of Alzheimer's Disease. 51-61	5
89	Molecular aspects of oocyte vitellogenesis in fish. 2007 , 39-76	40
88	Membrane Trafficking and Targeting in Alzheimer's Disease. 2009 , 103-113	1
87	VPS10P Domain Receptors: Sorting Out Brain Health and Disease. 2020 , 43, 870-885	5
86	Depletion of the AD risk gene SORL1 selectively impairs neuronal endosomal traffic independent of amyloidogenic APP processing.	1
85	A feed-forward loop between SorLA and HER3 determines heregulin response and neratinib resistance.	0
84	Endosomal trafficking is required for glycosylation and normal maturation of the Alzheimer's-associated protein sorLA.	2
83	GSAP regulates mitochondrial function through the Mitochondria-associated ER membrane in the pathogenesis of Alzheimer's disease.	1
82	LRP1 and SORL1 regulate tau internalization and degradation and enhance tau seeding.	3
81	The Cholesteryl Ester Transfer Protein (CETP) raises Cholesterol Levels in the Brain and affects Presenilin-mediated Gene Regulation.	0
80	SorCS2-mediated NR2A trafficking regulates motor deficits in Huntington's disease. 2017 , 2,	11
79	SORLA facilitates insulin receptor signaling in adipocytes and exacerbates obesity. 2016 , 126, 2706-20	29
78	Altered Cholesterol Intracellular Trafficking and the Development of Pathological Hallmarks of Sporadic AD. 2014 , 1,	3
77	Motor and Sensory Deficits in the teetering Mice Result from Mutation of the ESCRT Component HGS. 2015 , 11, e1005290	15

76	SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. 2013 , 8, e58618	122
75	Hook proteins: association with Alzheimer pathology and regulatory role of hook3 in amyloid beta generation. 2015 , 10, e0119423	17
74	Influence of Coding Variability in APP-A β Metabolism Genes in Sporadic Alzheimer's Disease. 2016 , 11, e0150079	26
73	Interaction between PPAR β and SORL1 gene with Late-Onset Alzheimer's disease in Chinese Han Population. 2017 , 8, 48313-48320	4
72	β Secretase regulates the β Secretase cleavage of the Alzheimer's disease, amyloid precursor protein.	2
71	Blood-based Biomarkers of Alzheimer's Disease: The Long and Winding Road. 2020 , 26, 1300-1315	7
70	Retromer Dysfunction and Neurodegenerative Disease. 2018 , 19, 279-288	13
69	GRASP55: A Multifunctional Protein. 2020 , 21, 544-552	4
68	Therapeutic Strategies Targeting Amyloid- β in Alzheimer's Disease. 2019 , 16, 418-452	32
67	[Verification of a sporadic Alzheimer disease model in SORL1 gene knockout mice]. 2018 , 38, 289-295	2
66	APP interacts with LRP4 and agrin to coordinate the development of the neuromuscular junction in mice. 2013 , 2, e00220	47
65	Panel of Genetic Variations as a Potential Non-invasive Biomarker for Early Diagnosis of Alzheimer's Disease. 2011 , 9, 54-66	7
64	Deep post-GWAS analysis identifies potential risk genes and risk variants for Alzheimer's disease, providing new insights into its disease mechanisms. 2021 , 11, 20511	3
63	Brothers in arms: proBDNF/BDNF and sAPP β signaling and their common interplay with ADAM10, TrkB, p75NTR, sortilin, and sorLA in the progression of Alzheimer's disease. 2022 , 403, 43-71	1
62	Secretases as Pharmacological Targets in Alzheimer's Disease. 2007 , 113-124	
61	The Role of Retromer in Neurodegenerative Disease. 2009 , 125-140	1
60	Encyclopedia of Signaling Molecules. 2017 , 1-6	
59	Encyclopedia of Signaling Molecules. 2018 , 3445-3450	

58	[A rare variant in the sortilin-related receptor 1 gene is associated with declined cognitive functions in the elderly]. 2018 , 118, 92-95		1
57	SORLA-driven endosomal trafficking regulates the oncogenic fitness of HER2.		
56	SorCS2 controls functional expression of amino acid transporter EAAT3 to protect neurons from oxidative stress and epilepsy-induced pathology.		
55	Alzheimer's genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner.		0
54	APP binds to the EGFR ligands HB-EGF and EGF, acting synergistically with EGF to promote ERK signaling and neuritogenesis.		1
53	Differential expression of glial cell line-derived neurotrophic factor splice variants in the mouse brain. <i>Neural Regeneration Research</i> , 2020 , 15, 270-276	4.5	2
52	Genomics of Alzheimer's disease. 2020 , 3-18		
51	Brain transcriptome analysis reveals subtle effects on mitochondrial function and iron homeostasis of mutations in the SORL1 gene implicated in early onset familial Alzheimer's disease.		0
50	Retrograde endosome-to-TGN transport. 2008 , 425-458		
49	The Sortilin-Related Receptor SORL1 is Functionally and Genetically Associated with Alzheimer's Disease. 2009 , 157-165		
48	Regulation of Transport and Processing of Amyloid Precursor Protein by the Sorting Receptor SORLA. 2009 , 167-179		
47	Nutrient signaling pathways regulate amyloid clearance and synaptic loss in Alzheimer's disease.		
46	The role of neurotensin in central nervous system pathophysiology: what is the evidence?. 2006 , 31, 229-45		101
45	Schisandrin B protects PC12 cells by decreasing the expression of amyloid precursor protein and vacuolar protein sorting 35. <i>Neural Regeneration Research</i> , 2012 , 7, 652-8	4.5	1
44	SORLA is required for insulin-induced expansion of the adipocyte precursor pool in visceral fat. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	0
43	Brain transcriptomes of zebrafish and mouse Alzheimer's disease knock-in models imply early disrupted energy metabolism. <i>DMM Disease Models and Mechanisms</i> , 2021 ,	4.1	0
42	The role of Alzheimer's disease risk genes in endolysosomal pathways. <i>Neurobiology of Disease</i> , 2021 , 162, 105576	7.5	3
41	Cryo-EM structures reveal distinct apo conformations of sortilin-related receptor SORLA.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 600, 75-79	3.4	0

40	Impaired SorLA maturation and trafficking as a new mechanism for SORL1 missense variants in Alzheimer disease.. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 196	7.3	0
39	The Alzheimer's gene SORL1 is a regulator of endosomal traffic and recycling in human neurons.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 162	10.3	1
38	The adaptor protein PICK1 targets the sorting receptor SorLA.. <i>Molecular Brain</i> , 2022 , 15, 18	4.5	0
37	Improved mammalian retromer cryo-EM structures reveal a new assembly interface.		1
36	SORL1 Polymorphisms in Mexican Patients with Alzheimer's Disease.. <i>Genes</i> , 2022 , 13,	4.2	0
35	High glucose-mediated VPS26a downregulation dysregulates neuronal amyloid precursor protein processing and tau phosphorylation.. <i>British Journal of Pharmacology</i> , 2022 ,	8.6	1
34	Evaluation of the relationship between SORL1 gene polymorphism and Parkinson's disease in the Chinese population.. <i>Neuroscience Letters</i> , 2022 , 778, 136602	3.3	0
33	Pharmacological modulation of autophagy for Alzheimer's disease therapy: Opportunities and obstacles. <i>Acta Pharmaceutica Sinica B</i> , 2021 ,	15.5	1
32	Impaired Retromer Function in Niemann-Pick Type C Disease Is Dependent on Intracellular Cholesterol Accumulation.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
31	Missing (RNAs) in Alzheimer's Disease?. <i>Genes</i> , 2021 , 13,	4.2	0
30	Beware of Misdelivery: Multifaceted Role of Retromer Transport in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14,	5.3	0
29	SORLA mediates endocytic uptake of proIAPP and protects against islet amyloid deposition.		
28	Generation of two iPSC lines (UMi038-A & UMi039-A) from siblings bearing an Alzheimer's disease-associated variant in SORL1. <i>Stem Cell Research</i> , 2022 , 62, 102823	1.6	1
27	Penetrance estimation of Alzheimer disease in SORL1 loss-of-function variant carriers using a family-based strategy and stratification by APOE genotypes. <i>Genome Medicine</i> , 2022 , 14,	14.4	0
26	Epigenetic Peripheral Biomarkers for Early Diagnosis of Alzheimer's Disease. <i>Genes</i> , 2022 , 13, 1308	4.2	2
25	The role of genetic risk factors of Alzheimer's disease in synaptic dysfunction. 2022 ,		3
24	Low-Density Lipoprotein Receptor-Related Protein 8 at the Crossroad between Cancer and Neurodegeneration. 2022 , 23, 8921		1
23	Pharmacologic Stabilization of Retromer Rescues Endosomal Pathology Induced by Defects in the Alzheimer's gene SORL1.		

22	Temporal and sex-linked protein expression dynamics in a familial model of Alzheimer’s Disease. 2022 , 100280	1
21	Endosomal trafficking and related genetic underpinnings as a hub in Alzheimer’s disease.	0
20	Endophenotypic effects of the SORL1 variant rs2298813 on regional brain volume in patients with late-onset Alzheimer’s disease. 14,	
19	SORLA mediates endocytic uptake of proAPP and protects against islet amyloid deposition. 2022 , 65, 101585	0
18	A genetically modified minipig model for Alzheimer’s disease with SORL1 haploinsufficiency. 2022 , 3, 100740	0
17	CHRNA5 links chandelier cells to protection against amyloid pathology in human aging and Alzheimer’s Disease.	0
16	Improved mammalian retromer cryo-EM structures reveal a new assembly interface. 2022 , 102523	1
15	Discrepant Modulating Effects of Dietary Docosahexaenoic Acid on Cerebral Lipids, Fatty Acid Transporter Expression and Soluble Beta-Amyloid Levels in ApoE -/- and C57BL/6J mice.	0
14	Amyloidogenesis and Neurotrophic Dysfunction in Alzheimer’s Disease: Do They have a Common Regulating Pathway?. 2022 , 11, 3201	1
13	Exosomal noncoding RNAs in central nervous system diseases: biological functions and potential clinical applications. 15,	0
12	Finding memo: versatile interactions of the VPS10p-Domain receptors in Alzheimer’s disease. 2022 , 17,	0
11	Golgi fragmentation - One of the earliest organelle phenotypes in Alzheimer’s disease neurons.	0
10	SorLA in astrocytes regulates blood-brain barrier integrity. 2,	0
9	The paradigm of amyloid precursor protein in amyotrophic lateral sclerosis: The potential role of the 682YENPTY687 motif. 2023 , 21, 923-930	0
8	Morphological profiling by Cell Painting in human neural progenitor cells classifies hit compounds in a pilot drug screen for Alzheimer’s disease.	0
7	Molecular Mechanisms of Neuroinflammation in Aging and Alzheimer’s Disease Progression. 2023 , 24, 1869	0
6	Effect of Memantine on Expression of NAT-Rad18, Rad18 and Sorl1 Genes in Rat Model of Alzheimer’s Disease. 2023 , 31, 86-92	0
5	Amyloid Pathology in Alzheimer’s disease: A nano delivery approach. 2023 , 126, 103510	0

- 4 Golgi fragmentation [One of the earliest organelle phenotypes in Alzheimer's disease neurons. 17, [100367](#)]
- 3 Cell-type-specific regulation of APOE levels in human neurons by the Alzheimer's disease risk gene SORL1. [2023](#), 100367
- 2 Cellular cholesterol loss by DHCR24 knockdown leads to A β production by changing APP intracellular localization. [2023](#), 100367
- 1 SorLA restricts TNF α release from microglia to shape glioma-supportive brain microenvironment. [2023](#), 100367