

# Steffen E Storck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5729182/publications.pdf>

Version: 2024-02-01

21  
papers

854  
citations

758635

12  
h-index

887659

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial LRP1 transports amyloid- $\beta$ 1-42 across the blood-brain barrier. <i>Journal of Clinical Investigation</i> , 2015, 126, 123-136.	3.9	299
2	The concerted amyloid-beta clearance of LRP1 and ABCB1/P-gp across the blood-brain barrier is linked by PICALM. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 21-33.	2.0	86
3	The LepR-mediated leptin transport across brain barriers controls food reward. <i>Molecular Metabolism</i> , 2018, 8, 13-22.	3.0	71
4	Enzyme replacement therapy with recombinant pro-CTSD (cathepsin D) corrects defective proteolysis and autophagy in neuronal ceroid lipofuscinosis. <i>Autophagy</i> , 2020, 16, 811-825.	4.3	70
5	LRP1 Has a Predominant Role in Production over Clearance of $A\beta$ in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 7234-7245.	1.9	64
6	Regulatory effects of simvastatin and apoJ on APP processing and amyloid- $\beta$ clearance in blood-brain barrier endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 40-60.	1.2	46
7	The metalloprotease ADAMTS4 generates N-truncated $A\beta$ 4x species and marks oligodendrocytes as a source of amyloidogenic peptides in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2019, 137, 239-257.	3.9	44
8	Endothelial LRP1 - A Potential Target for the Treatment of Alzheimer's Disease. <i>Pharmaceutical Research</i> , 2017, 34, 2637-2651.	1.7	43
9	Low density lipoprotein receptor-related protein 1 mediated endocytosis of $\beta$ 1-integrin influences cell adhesion and cell migration. <i>Experimental Cell Research</i> , 2016, 340, 102-115.	1.2	31
10	Expression of the ALS-Causing Variant hSOD1 <sup>G93A</sup> Leads to an Impaired Integrity and Altered Regulation of Claudin-5 Expression in an <i>In Vitro</i> Blood-Spinal Cord Barrier Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1112-1121.	2.4	21
11	Brain endothelial LRP1 maintains blood-brain barrier integrity. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 27.	2.4	17
12	PCSK9 acts as a key regulator of $A\beta$ clearance across the blood-brain barrier. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 212.	2.4	16
13	The Blood brain-barrier and its role in Alzheimer's disease. <i>Neuroforum</i> , 2018, 24, A197-A205.	0.2	13
14	The Blood-Brain Barrier in Alzheimer's Disease. <i>Handbook of Experimental Pharmacology</i> , 2020, , 247-266.	0.9	12
15	LRP1 Modulates APP Intraneuronal Transport and Processing in Its Monomeric and Dimeric State. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 118.	1.4	10
16	Meprin $\beta$ : A novel regulator of blood-brain barrier integrity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 31-44.	2.4	8
17	Meprin $\beta$ knockout reduces brain $A\beta$ levels and rescues learning and memory impairments in the APP/Jon mouse model for Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 168.	2.4	3
18	O41105: Endothelial LRP1 Clears Major Amounts of Abeta 1-42 Across the Blood-Brain Barrier. <i>Alzheimer's and Dementia</i> , 2016, 12, P361.	0.4	0

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19	Interactions of simvastatin and APOJ with amyloid processing in cerebrovascular endothelial cells. <i>Atherosclerosis</i> , 2017, 263, e85-e86.	0.4	0
20	Die Blut-Hirn-Schranke und ihre Rolle in der Alzheimer-“ Krankheit. <i>Neuroforum</i> , 2018, 24, 287-296.	0.2	0
21	Brain barriers virtual: an interim solution or future opportunity?. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 19.	2.4	0