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Enhanced brain amyloid- β clearance by rifampicin and caffeine as a possible protective mechanism against Alzheimerts disease

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#	Paper	IF	Citations
119	LRP1 in brain vascular smooth muscle cells mediates local clearance of Alzheimer's amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2012 , 32, 16458-65		148
118	Cognitive enhancers (nootropics). Part 1: drugs interacting with receptors. <i>Journal of Alzheimer's Disease</i> , 2012 , 32, 793-887	4.3	44
117	Neurovascular defects and faulty amyloid- β vascular clearance in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 33 Suppl 1, S87-100	4.3	83
116	Role of ABC transporters in the pathogenesis of Alzheimer's disease. 2012 , 3, 820-31		94
115	Caffeine increases mitochondrial function and blocks melatonin signaling to mitochondria in Alzheimer's mice and cells. 2012 , 63, 1368-79		51
114	Oxysterols decrease apical-to-basolateral transport of A β peptides via an ABCB1-mediated process in an in vitro Blood-brain barrier model constituted of bovine brain capillary endothelial cells. 2013 , 1517, 1-15		32
113	In vitro investigation of amyloid- β hepatobiliary disposition in sandwich-cultured primary rat hepatocytes. 2013 , 41, 1787-96		16
112	Cognitive enhancers (nootropics). Part 3: drugs interacting with targets other than receptors or enzymes. disease-modifying drugs. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 1-114	4.3	15
111	Olive-oil-derived oleocanthal enhances β amyloid clearance as a potential neuroprotective mechanism against Alzheimer's disease: in vitro and in vivo studies. 2013 , 4, 973-82		179
110	<i>Coffea arabica</i> . 2013 , 614-679		1
109	Peroxisome proliferator-activated receptors and Alzheimer's disease: hitting the blood-brain barrier. 2013 , 48, 438-51		33
108	Targeting ApoE4/ApoE receptor LRP1 in Alzheimer's disease. 2013 , 17, 781-94		27
107	Oatp1a4 and an L-thyroxine-sensitive transporter mediate the mouse blood-brain barrier transport of amyloid- β peptide. <i>Journal of Alzheimer's Disease</i> , 2013 , 36, 555-61	4.3	18
106	A lipoprotein receptor cluster IV mutant preferentially binds amyloid- β and regulates its clearance from the mouse brain. 2013 , 288, 15154-66		29
105	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
104	A proposed role for efflux transporters in the pathogenesis of hydrocephalus. 2014 , 55, 366-76		12
103	Modeling cerebrovascular pathophysiology in amyloid- β metabolism using neural-crest-derived smooth muscle cells. 2014 , 9, 391-401		21

102	Amyloid β in hereditary cerebral hemorrhage with amyloidosis-Dutch type. 2014 , 25, 641-51	20
101	The role of ryanodine receptor type 3 in a mouse model of Alzheimer disease. 2014 , 8, 230-42	46
100	Alzheimer's and ABC transporters--new opportunities for diagnostics and treatment. 2014 , 72 Pt A, 54-60	57
99	Effects of oxysterols on the blood-brain barrier: implications for Alzheimer's disease. 2014 , 446, 687-91	36
98	Differences in amyloid- β clearance across mouse and human blood-brain barrier models: kinetic analysis and mechanistic modeling. 2014 , 79, 668-78	83
97	Pharmacogenomics of Alzheimer's disease: novel therapeutic strategies for drug development. 2014 , 1175, 323-556	50
96	Mixed oligomers and monomeric amyloid- β disrupts endothelial cells integrity and reduces monomeric amyloid- β transport across hCMEC/D3 cell line as an in vitro blood-brain barrier model. 2014 , 1842, 1806-15	36
95	PET radiotracers for imaging P-glycoprotein: the challenge for early diagnosis in AD. 2014 , 9, 38-42	6
94	LRP-1 polymorphism is associated with global and regional amyloid load in Alzheimer's Disease in humans in-vivo. 2014 , 4, 411-6	14
93	RIFAMPICIN: an antibiotic with brain protective function. 2014 , 107, 37-42	27
92	Dysfunctional Wnt/ β -catenin signaling contributes to blood-brain barrier breakdown in Alzheimer's disease. 2014 , 75, 19-25	61
91	Herpes Simplex Virus Type 1 and Other Pathogens are Key Causative Factors in Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 319-53	4-3 139
90	Endothelial LRP1 transports amyloid- β (1-42) across the blood-brain barrier. 2016 , 126, 123-36	196
89	Association study in Alzheimer's disease of single nucleotide polymorphisms implicated with coffee consumption. 2015 , 42, 69-73	3
88	Evidence against a role of P-glycoprotein in the clearance of the Alzheimer's disease A β -42 peptides. 2015 , 20, 421-30	10
87	Regulation of ABC efflux transporters at blood-brain barrier in health and neurological disorders. 2015 , 1628, 298-316	132
86	Visualization of Time-Dependent Distribution of Rifampicin in Rat Brain Using MALDI MSI and Quantitative LCMS/MS. 2015 , 13, 277-84	24
85	Synthesis and P-glycoprotein induction activity of colupulone analogs. 2015 , 13, 5488-96	12

84	Opportunities in pharmacogenomics for the treatment of Alzheimer's disease. 2015 , 10, 229-252		18
83	Age-Related Decline in Brain and Hepatic Clearance of Amyloid-Beta is Rectified by the Cholinesterase Inhibitors Donepezil and Rivastigmine in Rats. 2015 , 6, 725-36		30
82	Extra-virgin olive oil attenuates amyloid- β and tau pathologies in the brains of TgSwDI mice. 2015 , 26, 1479-90		60
81	GM1-Modified Lipoprotein-like Nanoparticle: Multifunctional Nanoplatform for the Combination Therapy of Alzheimer's Disease. 2015 , 9, 10801-16		75
80	Oleocanthal enhances amyloid- β clearance from the brains of TgSwDI mice and in vitro across a human blood-brain barrier model. 2015 , 6, 1849-59		101
79	In vitro discrimination of the role of LRP1 at the BBB cellular level: focus on brain capillary endothelial cells and brain pericytes. 2015 , 1594, 15-26		45
78	The role of cholesterol metabolism in Alzheimer's disease. 2015 , 51, 947-65		41
77	Design, synthesis and P-gp induction activity of aryl phosphonate esters: identification of tetraethyl-2-phenylethene-1,1-diylidiphosphonate as an orally bioavailable P-gp inducer. 2016 , 7, 1910-1915		6
76	Effects of transthyretin on thyroxine and β amyloid removal from cerebrospinal fluid in mice. 2016 , 43, 844-50		9
75	Vitamin D Supplementation Appears to Increase Plasma A β 0 in Vitamin D Insufficient Older Adults: A Pilot Randomized Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 843-7	4-3	19
74	Rifampicin is a candidate preventive medicine against amyloid- β and tau oligomers. 2016 , 139, 1568-86		72
73	Action of Caffeine as an Amyloid Inhibitor in the Aggregation of A β 6-22 Peptides. 2016 , 120, 9019-33		35
72	The role of caffeine as an inhibitor in the aggregation of amyloid forming peptides: a unified molecular dynamics simulation and experimental study. 2016 , 6, 78548-78558		19
71	Transporters as Drug Targets in Neurological Diseases. 2016 , 100, 441-453		18
70	Functional induction of P-glycoprotein efflux pump by phenyl benzenesulfonamides: Synthesis and biological evaluation of T0901317 analogs. 2016 , 122, 744-755		5
69	Role of caffeine as an inhibitor in aggregation of hydrophobic molecules: A molecular dynamics simulation study. 2016 , 224, 930-939		4
68	High-Throughput Screening for Identification of Blood-Brain Barrier Integrity Enhancers: A Drug Repurposing Opportunity to Rectify Vascular Amyloid Toxicity. <i>Journal of Alzheimer's Disease</i> , 2016 , 53, 1499-516	4-3	31
67	Pharmacogenetic considerations in the treatment of Alzheimer's disease. 2016 , 17, 1041-74		31

66	Apolipoprotein E as a Therapeutic Target in Alzheimer's Disease: A Review of Basic Research and Clinical Evidence. 2016 , 30, 773-89		66
65	The role of the low-density lipoprotein receptor-related protein 1 (LRP-1) in regulating blood-brain barrier integrity. 2016 , 27, 623-34		36
64	Role of P-glycoprotein in mediating rivastigmine effect on amyloid- β brain load and related pathology in Alzheimer's disease mouse model. 2016 , 1862, 778-787		40
63	Neuroprotective Effects of Extra-Virgin Olive Oil and its Components in Alzheimer's Disease. 2017 , 299-315		1
62	Amylin Enhances Amyloid- β Peptide Brain to Blood Efflux Across the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 1087-1099	4-3	15
61	The neuroprotective effects of caffeine in neurodegenerative diseases. 2017 , 23, 272-290		116
60	Endothelial LRP1 - A Potential Target for the Treatment of Alzheimer's Disease : Theme: Drug Discovery, Development and Delivery in Alzheimer's Disease Guest Editor: Davide Brambilla. 2017 , 34, 2637-2651		25
59	Preventive Effect of Rifampicin on Alzheimer Disease Needs at Least 450 mg Daily for 1 Year: An FDG-PET Follow-Up Study. 2017 , 7, 204-214		15
58	α -Synuclein aggregation modulation: an emerging approach for the treatment of Parkinson's disease. 2017 , 9, 1039-1053		21
57	Crocus sativus Extract Tightens the Blood-Brain Barrier, Reduces Amyloid β Load and Related Toxicity in 5XFAD Mice. 2017 , 8, 1756-1766		44
56	Therapeutic role of rifampicin in Alzheimer's disease. 2018 , 72, 152-159		33
55	Dual targeting agents for A β plaque/P-glycoprotein and A β plaque/nicotinic acetylcholine $\alpha 7^*$ receptors-potential approaches to facilitate A β plaque removal in Alzheimer's disease brain. 2018 , 27, 1634-1646		4
54	Normal macromolecular clearance out of the ventricles is delayed in hydrocephalus. 2018 , 1678, 337-355		12
53	Protective Effect of Hyperforin on β Amyloid Protein Induced Apoptosis in PC12 Cells and Colchicine Induced Alzheimer's Disease: An Anti-oxidant and Anti-inflammatory Therapy. 2018 , 67, 1443-1453	9	
52	Neuroinflammatory Cytokines Induce Amyloid Beta Neurotoxicity through Modulating Amyloid Precursor Protein Levels/Metabolism. 2018 , 2018, 3087475		49
51	Pharmacoeepigenomic Interventions as Novel Potential Treatments for Alzheimer's and Parkinson's Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
50	Rifampicin ameliorates lithium-pilocarpine-induced seizures, consequent hippocampal damage and memory deficit in rats: Impact on oxidative, inflammatory and apoptotic machineries. 2018 , 156, 431-443		25
49	Modulation of the ATP-Binding Cassette B1 Transporter by Neuro-Inflammatory Cytokines: Role in the Pathogenesis of Alzheimer's Disease. 2018 , 9, 658		12

48	ABCA7 Downregulation Modifies Cellular Cholesterol Homeostasis and Decreases Amyloid- β Peptide Efflux in an in vitro Model of the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 1195-1211	4.3	19
47	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. 2018 , 17, 660-688		232
46	Epigenetic Drug Discovery for Alzheimer's Disease. 2018 , 453-495		7
45	Age Modulates the Association of Caffeine Intake With Cognition and With Gray Matter in Elderly Diabetics. 2019 , 74, 683-688		6
44	Apolipoprotein E and Alzheimer disease: pathobiology and targeting strategies. 2019 , 15, 501-518		322
43	Granisetron Alleviates Alzheimer's Disease Pathology in TgSwDI Mice Through Calmodulin-Dependent Protein Kinase II/cAMP-Response Element Binding Protein Pathway. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 1097-1117	4.3	3
42	Recent Expansions on Cellular Models to Uncover the Scientific Barriers Towards Drug Development for Alzheimer's Disease. 2019 , 39, 181-209		32
41	Multi-faceted therapeutic strategy for treatment of Alzheimer's disease by concurrent administration of etodolac and β -tocopherol. 2019 , 125, 123-134		13
40	Natural Compounds for Alzheimer's Disease Therapy: A Systematic Review of Preclinical and Clinical Studies. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	85
39	Interaction of natural compounds with biomembrane models: A biophysical approach for the Alzheimer's disease therapy. 2019 , 180, 83-92		20
38	Plasma Rich in Growth Factors (PRGF) Disrupt the Blood-Brain Barrier Integrity and Elevate Amyloid Pathology in the Brains of 5XFAD Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
37	The A-B-C of small-molecule ABC transport protein modulators: From inhibition to activation-a case study of multidrug resistance-associated protein 1 (ABCC1). 2019 , 39, 2031-2081		10
36	Somatostatin Maintains Permeability and Integrity of Blood-Brain Barrier in β Amyloid Induced Toxicity. 2019 , 56, 292-306		7
35	An outlook on the role of decaffeinated coffee in neurodegenerative diseases. 2020 , 60, 760-779		20
34	Imaging P-Glycoprotein Induction at the Blood-Brain Barrier of a β Amyloidosis Mouse Model with C-Metoclopramide PET. 2020 , 61, 1050-1057		10
33	The Use of Antimicrobial and Antiviral Drugs in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
32	Brain Distribution of Dual ABCB1/ABCG2 Substrates Is Unaltered in a Beta-Amyloidosis Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
31	Molecular Insight into the Therapeutic Promise of Targeting for Alzheimer's Disease. 2020 , 2020, 5086250		28

30	Long-term exposure to constant light induces dementia, oxidative stress and promotes aggregation of sub-pathological A β in Wistar rats. 2020 , 192, 172892		6
29	Thermodynamic insights into molecular interactions of sodium lauryl sulfate (SLS) with caffeine and theophylline in aqueous media at different temperatures. 2020 , 305, 112776		2
28	Ketone Bodies Promote Amyloid- β Clearance in a Human in Vitro Blood-Brain Barrier Model. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
27	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. 2020 , 213, 107554		38
26	Rifampicin Suppresses Amyloid- β Accumulation Through Enhancing Autophagy in the Hippocampus of a Lipopolysaccharide-Induced Mouse Model of Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 1171-1184	4.3	4
25	APOE and Alzheimer's Disease: From Lipid Transport to Physiopathology and Therapeutics. 2021 , 15, 630502		29
24	Rifampicin ameliorates lipopolysaccharide-induced cognitive and motor impairments via inhibition of the TLR4/MyD88/NF- κ B signaling pathway in mice. 2021 , 43, 358-371		1
23	Role of ABCA7 in Human Health and in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
22	Bioactive Compounds and Traditional Herbal Medicine: Promising Approaches for the Treatment of Dementia. 2021 , 11, 1-14		7
21	Anti-Alzheimer's Molecules Derived from Marine Life: Understanding Molecular Mechanisms and Therapeutic Potential. 2021 , 19,		10
20	Potential Virus Involvement in Alzheimer's Disease: Results from a Phase IIa Trial Evaluating Apovir, an Antiviral Drug Combination. <i>Journal of Alzheimer's Disease Reports</i> , 2021 , 5, 413-431	3.3	1
19	Tailoring of P-glycoprotein for effective transportation of actives across blood-brain-barrier. <i>Journal of Controlled Release</i> , 2021 , 335, 398-407	11.7	5
18	Impact of age, hypercholesterolemia, and the vitamin D receptor on brain endogenous β amyloid peptide accumulation in mice. <i>Biopharmaceutics and Drug Disposition</i> , 2021 , 42, 372-388	1.7	3
17	Blood-Brain Barrier Disruption Increases Amyloid-Related Pathology in TgSwDI Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
16	Contributions of Drug Transporters to Blood-Brain Barriers. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1141, 407-466	3.6	6
15	Behavioral and pathophysiological outcomes associated with caffeine consumption and repetitive mild traumatic brain injury (RmTBI) in adolescent rats. <i>PLoS ONE</i> , 2017 , 12, e0187218	3.7	17
14	Effect of mouse strain as a background for Alzheimer's disease models on the clearance of amyloid- β . <i>Journal of Systems and Integrative Neuroscience</i> , 2016 , 2, 135-140	2.9	7
13	Protective Effects of the Caffeine Against Neurodegenerative Diseases. <i>Current Medicinal Chemistry</i> , 2019 , 26, 5137-5151	4.3	12

12	Neuroprotective effects of some epigenetic modifying drugs' on Chlamydia pneumoniae-induced neuroinflammation: A novel model. <i>PLoS ONE</i> , 2021 , 16, e0260633	3.7	1
11	Compromised Astrocyte Swelling/Volume Regulation in the Hippocampus of the Triple Transgenic Mouse Model of Alzheimer's Disease.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 783120	5.3	0
10	A reappraisal on amyloid cascade hypothesis: the role of chronic infection in Alzheimer's disease.. <i>International Journal of Neuroscience</i> , 2022 , 1-19	2	0
9	Perspectives on the Role of as a Therapeutic Target for Alzheimer's Disease.. <i>Journal of Alzheimer's Disease Reports</i> , 2021 , 5, 899-910	3.3	
8	Novel benzofurane carbonyl analogs of donepezil as acetylcholinesterase inhibitors. <i>Journal of Molecular Structure</i> , 2022 , 1264, 133193	3.4	0
7	Neuroprotective Effect of Caffeine in Alzheimer's Disease. <i>Molecules</i> , 2022 , 27, 3737	4.8	1
6	Blood-Brain barrier permeability in response to caffeine challenge. <i>Magnetic Resonance in Medicine</i> ,	4.4	0
5	Targeted brain delivery of RVG29-modified rifampicin-loaded nanoparticles for Alzheimer's disease treatment and diagnosis.		1
4	TNF- α and IL-1 β Modulate Blood-Brain Barrier Permeability and Decrease Amyloid- β Peptide Efflux in a Human Blood-Brain Barrier Model. 2022 , 23, 10235		3
3	Polyunsaturated Fatty Acids Mend Macrophage Transcriptome, Glycome, and Phenotype in the Patients with Neurodegenerative Diseases, Including Alzheimer's Disease. 2022 , 1-18		0
2	In Vitro Study of the Blood-Brain Barrier Transport of Natural Compounds Recovered from Agrifood By-Products and Microalgae. 2023 , 24, 533		0
1	Imaging blood-brain barrier dysfunction: A state-of-the-art review from a clinical perspective. 15,		0