

# Yijun Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

560  
citations

759233

12  
h-index

642732

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty Acid-Binding Protein 5 Facilitates the Blood–Brain Barrier Transport of Docosahexaenoic Acid. <i>Molecular Pharmaceutics</i> , 2015, 12, 4375-4385.	4.6	88
2	Impact of aging, Alzheimer's disease and Parkinson's disease on the blood-brain barrier transport of therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2018, 135, 62-74.	13.7	78
3	Fatty Acid-Binding Protein 5 at the Blood–Brain Barrier Regulates Endogenous Brain Docosahexaenoic Acid Levels and Cognitive Function. <i>Journal of Neuroscience</i> , 2016, 36, 11755-11767.	3.6	61
4	The Impact of Docosahexaenoic Acid on Alzheimer’s Disease: Is There a Role of the Blood-Brain Barrier?. <i>Current Clinical Pharmacology</i> , 2015, 10, 222-241.	0.6	37
5	Cognitive benefits of lithium chloride in APP/PS1 mice are associated with enhanced brain clearance of $\beta$ -amyloid. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 36-47.	4.1	34
6	Develop high efficient of NH3-SCR catalysts with wide temperature range by ball-milled method. <i>Fuel</i> , 2020, 282, 118834.	6.4	34
7	Altered Expression of Small Intestinal Drug Transporters and Hepatic Metabolic Enzymes in a Mouse Model of Familial Alzheimer’s Disease. <i>Molecular Pharmaceutics</i> , 2018, 15, 4073-4083.	4.6	23
8	Fatty Acid–Binding Protein 5 Mediates the Uptake of Fatty Acids, but not Drugs, Into Human Brain Endothelial Cells. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1185-1193.	3.3	18
9	Reduced blood–brain barrier expression of fatty acid–binding protein 5 is associated with increased vulnerability of APP/PS1 mice to cognitive deficits from low omega–3 fatty acid diets. <i>Journal of Neurochemistry</i> , 2018, 144, 81-92.	3.9	18
10	Altered blood–brain barrier and blood–spinal cord barrier dynamics in amyotrophic lateral sclerosis: Impact on medication efficacy and safety. <i>British Journal of Pharmacology</i> , 2022, 179, 2577-2588.	5.4	18
11	Increased Expression of Renal Drug Transporters in a Mouse Model of Familial Alzheimer's Disease. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2484-2489.	3.3	13
12	Pioglitazone Increases Blood–Brain Barrier Expression of Fatty Acid-Binding Protein 5 and Docosahexaenoic Acid Trafficking into the Brain. <i>Molecular Pharmaceutics</i> , 2020, 17, 873-884.	4.6	13
13	Ligand Bound Fatty Acid Binding Protein 7 (FABP7) Drives Melanoma Cell Proliferation Via Modulation of Wnt/ $\beta$ -Catenin Signaling. <i>Pharmaceutical Research</i> , 2021, 38, 479-490.	3.5	13
14	Development and Validation of an In-Cell Western for Quantifying P-Glycoprotein Expression in Human Brain Microvascular Endothelial (hCMEC/D3) Cells. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2614-2624.	3.3	12
15	Lysine to arginine mutagenesis of chlorotoxin enhances its cellular uptake. <i>Biopolymers</i> , 2017, 108, e23025.	2.4	12
16	Dietary docosahexaenoic acid supplementation enhances expression of fatty acid–binding protein 5 at the blood–brain barrier and brain docosahexaenoic acid levels. <i>Journal of Neurochemistry</i> , 2018, 146, 186-197.	3.9	11
17	Exploiting the Buccal Mucosa as an Alternative Route for the Delivery of Donepezil Hydrochloride. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1643-1651.	3.3	10
18	Assessing the Impact of Lithium Chloride on the Expression of P-Glycoprotein at the Blood-Brain Barrier. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2625-2631.	3.3	10

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19	Intestinal Permeability and Oral Absorption of Selected Drugs Are Reduced in a Mouse Model of Familial Alzheimer's Disease. <i>Molecular Pharmaceutics</i> , 2020, 17, 1527-1537.	4.6	10
20	Endosomal escape cell-penetrating peptides significantly enhance pharmacological effectiveness and CNS activity of systemically administered antisense oligonucleotides. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120398.	5.2	10
21	Blockade of Microglial Kv1.3 Potassium Channels by the Peptide HsTX1 [R14A] Attenuates Lipopolysaccharide-mediated Neuroinflammation. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 638-647.	3.3	9
22	Prolonged Plasma Exposure of the Kv1.3-Inhibitory Peptide HsTX1 [R14A] by Subcutaneous Administration of a Poly(Lactic-co-Glycolic Acid) (PLGA) Microsphere Formulation. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1182-1188.	3.3	6
23	The Effects of Clioquinol on P-glycoprotein Expression and Biometal Distribution in the Mouse Brain Microvasculature. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2247-2255.	3.3	5
24	Profiling the expression of fatty acid-binding proteins and fatty acid transporters in mouse microglia and assessing their role in docosahexaenoic acid-d5 uptake. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 171, 102303.	2.2	5
25	Increasing Intracellular Levels of Iron with Ferric Ammonium Citrate Leads to Reduced P-glycoprotein Expression in Human Immortalised Brain Microvascular Endothelial Cells. <i>Pharmaceutical Research</i> , 2021, 38, 97-111.	3.5	4
26	Altered peripheral factors affecting the absorption, distribution, metabolism, and excretion of oral medicines in Alzheimer's disease. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114282.	13.7	4
27	Development and validation of a LC-MS/MS assay for quantifying the uptake of docosahexaenoic acid-d5 into mouse microglia. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113575.	2.8	2
28	Multiple pharmacological interventions targeting cardiovascular disease risk factors in individuals with type 2 diabetes-systematic review. <i>Journal of Diabetes Research &amp; Clinical Metabolism</i> , 2013, 2, 9.	0.2	1
29	Learning deficits occurs prior to memory retrieval impairment in female Senescence Accelerated Mouse (SAMP8). <i>Alzheimer's and Dementia</i> , 2021, 17, e058418.	0.8	1