

# Jerome Robert

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,783  
citations

430442

18  
h-index

525886

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Callose Deposition: A Multifaceted Plant Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 183-193.	1.4	613
2	Off-the-shelf human decellularized tissue-engineered heart valves in a non-human primate model. <i>Biomaterials</i> , 2013, 34, 7269-7280.	5.7	173
3	Merging pathology with biomechanics using CHIMERA (Closed-Head Impact Model of Engineered) Tj ETQq1 1 0.784314 rgBT /Overlo Neurodegeneration, 2014, 9, 55.	4.4	148
4	Clearance of beta-amyloid is facilitated by apolipoprotein E and circulating high-density lipoproteins in bioengineered human vessels. <i>ELife</i> , 2017, 6, .	2.8	83
5	High-Density Lipoproteins and Cerebrovascular Integrity in Alzheimer's Disease. <i>Cell Metabolism</i> , 2014, 19, 574-591.	7.2	76
6	Intravenously Injected Human Apolipoprotein A-II Rapidly Enters the Central Nervous System via the Choroid Plexus. <i>Journal of the American Heart Association</i> , 2014, 3, e001156.	1.6	75
7	HDL from an Alzheimer's disease perspective. <i>Current Opinion in Lipidology</i> , 2019, 30, 224-234.	1.2	70
8	A Three-Dimensional Engineered Artery Model for In Vitro Atherosclerosis Research. <i>PLoS ONE</i> , 2013, 8, e79821.	1.1	69
9	Reconstituted high-density lipoproteins acutely reduce soluble brain A $\beta$ levels in symptomatic APP/PS1 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1027-1036.	1.8	62
10	Transendothelial transport of lipoproteins. <i>Atherosclerosis</i> , 2020, 315, 111-125.	0.4	45
11	The Endothelium Is Both a Target and a Barrier of HDL's Protective Functions. <i>Cells</i> , 2021, 10, 1041.	1.8	45
12	Age at injury and genotype modify acute inflammatory and neurofilament-light responses to mild CHIMERA traumatic brain injury in wild-type and APP/PS1 mice. <i>Experimental Neurology</i> , 2018, 301, 26-38.	2.0	37
13	High-density lipoproteins suppress A $\beta$ -induced PBMC adhesion to human endothelial cells in bioengineered vessels and in monoculture. <i>Molecular Neurodegeneration</i> , 2017, 12, 60.	4.4	35
14	Small molecule inducers of ABCA1 and apoE that act through indirect activation of the LXR pathway. <i>Journal of Lipid Research</i> , 2018, 59, 830-842.	2.0	35
15	ApoA-I deficiency increases cortical amyloid deposition, cerebral amyloid angiopathy, cortical and hippocampal astrogliosis, and amyloid-associated astrocyte reactivity in APP/PS1 mice. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 44.	3.0	34
16	Interleukin 6 Stimulates Endothelial Binding and Transport of High-Density Lipoprotein Through Induction of Endothelial Lipase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2699-2706.	1.1	31
17	<i>In vitro</i> fabrication of autologous living tissue-engineered vascular grafts based on prenatally harvested ovine amniotic fluid-derived stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 52-70.	1.3	26
18	A Rational Structured Epitope Defines a Distinct Subclass of Toxic Amyloid-beta Oligomers. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1591-1606.	1.7	21

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19	Toward three-dimensional in vitro models to study neurovascular unit functions in health and disease. <i>Neural Regeneration Research</i> , 2021, 16, 2132.	1.6	21
20	Cerebrovascular amyloid Angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in Apolipoprotein E. <i>Molecular Neurodegeneration</i> , 2020, 15, 23.	4.4	19
21	Living-Engineered Valves for Transcatheter Venous Valve Repair. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 451-463.	1.1	14
22	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. <i>Molecular Brain</i> , 2020, 13, 66.	1.3	12
23	Vasoprotective Functions of High-Density Lipoproteins Relevant to Alzheimer's Disease Are Partially Conserved in Apolipoprotein B-Depleted Plasma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 462.	1.8	9
24	An in vitro bioengineered model of the human arterial neurovascular unit to study neurodegenerative diseases. <i>Molecular Neurodegeneration</i> , 2020, 15, 70.	4.4	9
25	Development of a novel, sensitive translational immunoassay to detect plasma glial fibrillary acidic protein (GFAP) after murine traumatic brain injury. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 58.	3.0	9
26	Posttranscriptional Regulation of the Human LDL Receptor by the U2-Spliceosome. <i>Circulation Research</i> , 2022, 130, 80-95.	2.0	9
27	High-density lipoproteins at the interface between central nervous system and plasma lipoprotein metabolism. <i>Clinical Lipidology</i> , 2015, 10, 69-81.	0.4	2
28	Cerebrovascular amyloid angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in apolipoprotein E. <i>Alzheimer's and Dementia</i> , 2020, 16, e043473.	0.4	0
29	The effects of peripheral lipoprotein metabolism on cerebrovascular inflammation in APP/PS1 mice. <i>Alzheimer's and Dementia</i> , 2020, 16, e045613.	0.4	0
30	Abstract 245: Intravenously Injected Human Apolipoprotein A-I Rapidly Enters the Central Nervous System via the Choroid Plexus in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0
31	Abstract 351: Development of an Engineered Base Cerebrovasculature Model to Study Alzheimer's Disease in vitro. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0