

Radu V Stan

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

7,707
citations

81839

39
h-index

128225

60
g-index

72
all docs

72
docs citations

72
times ranked

10149
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary myxoid and epithelioid mesenchymal tumor of the kidney with a novel <i>GLI1</i> - <i>FOXO4</i> fusion. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 116-122.	1.5	11
2	EphB1 interaction with caveolin-1 in endothelial cells modulates caveolae biogenesis. <i>Molecular Biology of the Cell</i> , 2020, 31, 1167-1182.	0.9	8
3	Lymph node conduits transport virions for rapid T cell activation. <i>Nature Immunology</i> , 2019, 20, 602-612.	7.0	74
4	Phorbol esters induce <i>PLVAP</i> expression via <i>VEGF</i> and additional secreted molecules in <i>MEK</i> -dependent and <i>p38</i> , <i>JNK</i> and <i>PI3K/Akt</i> -independent manner. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 920-933.	1.6	14
5	Ascending Vasa Recta Are Angiopoietin/Tie2-Dependent Lymphatic-Like Vessels. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1097-1107.	3.0	59
6	Targeting superoxide dismutase to endothelial caveolae profoundly alleviates inflammation caused by endotoxin. <i>Journal of Controlled Release</i> , 2018, 272, 1-8.	4.8	47
7	Growth Differentiation Factor 6 Promotes Vascular Stability by Restraining Vascular Endothelial Growth Factor Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 353-362.	1.1	25
8	INF2-mediated actin polymerization at the ER stimulates mitochondrial calcium uptake, inner membrane constriction, and division. <i>Journal of Cell Biology</i> , 2018, 217, 251-268.	2.3	246
9	Spatially controlled assembly of affinity ligand and enzyme cargo enables targeting ferritin nanocarriers to caveolae. <i>Biomaterials</i> , 2018, 185, 348-359.	5.7	49
10	Flexible Nanoparticles Reach Sterically Obscured Endothelial Targets Inaccessible to Rigid Nanoparticles. <i>Advanced Materials</i> , 2018, 30, e1802373.	11.1	73
11	<i>HS3ST1</i> genotype regulates antithrombin's inflammomodulatory tone and associates with atherosclerosis. <i>Matrix Biology</i> , 2017, 63, 69-90.	1.5	19
12	<i>VEGFR2</i> pY949 signalling regulates adherens junction integrity and metastatic spread. <i>Nature Communications</i> , 2016, 7, 11017.	5.8	111
13	“Small Blood Vessels: Big Health Problems?” Scientific Recommendations of the National Institutes of Health Workshop. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	67
14	Epithelial cell integrin $\alpha 21$ is required for developmental angiogenesis in the pituitary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13408-13413.	3.3	18
15	Endothelial Plasmalemma Vesicle-Associated Protein Regulates the Homeostasis of Splenic Immature B Cells and B-1 B Cells. <i>Journal of Immunology</i> , 2016, 197, 3970-3981.	0.4	15
16	Uncoupling Caveolae From Intracellular Signaling In Vivo. <i>Circulation Research</i> , 2016, 118, 48-55.	2.0	24
17	An updated h-index measures both the primary and total scientific output of a researcher. <i>Discoveries</i> , 2015, 3, e50.	1.5	10
18	Mutations in Plasmalemma Vesicle Associated Protein Result in Sieving Protein-Losing Enteropathy Characterized by Hypoproteinemia, Hypoalbuminemia, and Hypertriglyceridemia. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 381-394.e7.	2.3	43

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19	Quantitative fluorescence molecular imaging in highly light-absorbing melanomas using a dual-tracer kinetic modeling normalization method. , 2014, , .		0
20	Tumor Endothelial Marker Imaging in Melanomas Using Dual-Tracer Fluorescence Molecular Imaging. Molecular Imaging and Biology, 2014, 16, 372-382.	1.3	22
21	Evidence for tankyrases as antineoplastic targets in lung cancer. BMC Cancer, 2013, 13, 211.	1.1	63
22	Imaging and modification of the tumor vascular barrier for improvement in magnetic nanoparticle uptake and hyperthermia treatment efficacy. , 2013, 8584, .		10
23	Endocytosis of soluble immune complexes leads to their clearance by Fc γ RIIB but induces neutrophil extracellular traps via Fc γ RIIA in vivo. Blood, 2012, 120, 4421-4431.	0.6	196
24	Mast cells impair the development of protective anti-tumor immunity. Cancer Immunology, Immunotherapy, 2012, 61, 2273-2282.	2.0	39
25	miR-1 downregulation via shRNA inhibits the growth of pancreatic adenocarcinoma xenografts. Journal of Cellular and Molecular Medicine, 2012, 16, 2690-2700.	1.6	13
26	The Diaphragms of Fenestrated Endothelia: Gatekeepers of Vascular Permeability and Blood Composition. Developmental Cell, 2012, 23, 1203-1218.	3.1	183
27	Endothelial targeting of polymeric nanoparticles stably labeled with the PET imaging radioisotope iodine-124. Biomaterials, 2012, 33, 5406-5413.	5.7	75
28	Caveolae, Fenestrae and Transendothelial Channels Retain PV1 on the Surface of Endothelial Cells. PLoS ONE, 2012, 7, e32655.	1.1	37
29	Therapeutic targeting of microRNA-31 in lung cancer.. Journal of Clinical Oncology, 2012, 30, e13567-e13567.	0.8	1
30	Caveolin-1 deficiency decreases atherosclerosis by hampering leukocyte influx into the arterial wall and generating a regulatory T cell response. FASEB Journal, 2011, 25, 3838-3848.	0.2	40
31	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. Cell, 2011, 144, 402-413.	13.5	791
32	Plasmalemmal vesicle associated protein (PV1) modulates SV40 virus infectivity in CV-1 cells. Biochemical and Biophysical Research Communications, 2011, 412, 220-225.	1.0	3
33	Morphological Heterogeneity of Endothelium. Seminars in Thrombosis and Hemostasis, 2010, 36, 236-245.	1.5	79
34	The FGF system has a key role in regulating vascular integrity. Journal of Clinical Investigation, 2009, 119, 2113-2113.	3.9	1
35	Depletion of Dendritic Cells Delays Ovarian Cancer Progression by Boosting Antitumor Immunity. Cancer Research, 2008, 68, 7684-7691.	0.4	105
36	Glomerular Endothelial Cells Form Diaphragms during Development and Pathologic Conditions. Journal of the American Society of Nephrology: JASN, 2008, 19, 1463-1471.	3.0	86

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37	The FGF system has a key role in regulating vascular integrity. <i>Journal of Clinical Investigation</i> , 2008, 118, 3355-3366.	3.9	257
38	Genetic Evidence Supporting Caveolae Microdomain Regulation of Calcium Entry in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 16631-16643.	1.6	132
39	Resolved. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2432-2438.	3.0	67
40	Endothelial Structures Involved in Vascular Permeability. , 2007, , 679-688.		4
41	Antibody GD3G7 Selected against Embryonic Glycosaminoglycans Defines Chondroitin Sulfate-E Domains Highly Up-Regulated in Ovarian Cancer and Involved in Vascular Endothelial Growth Factor Binding. <i>American Journal of Pathology</i> , 2007, 171, 1324-1333.	1.9	105
42	?Caveolae? Review Series. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 4-5.	1.6	1
43	Endothelial stomatal and fenestral diaphragms in normal vessels and angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 621-643.	1.6	119
44	Fibroblast growth factor system regulates vascular integrity and endothelial permeability. <i>FASEB Journal</i> , 2007, 21, A187.	0.2	0
45	Endocytosis pathways in endothelium: how many?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L806-L808.	1.3	23
46	Direct evidence for the role of caveolin-1 and caveolae in mechanotransduction and remodeling of blood vessels. <i>Journal of Clinical Investigation</i> , 2006, 116, 1284-1291.	3.9	318
47	Channels across Endothelial Cells. , 2006, , 251-266.		3
48	The FGF system positively regulates vascular integrity after ischemic injury. <i>FASEB Journal</i> , 2006, 20, A636.	0.2	0
49	Structure of caveolae. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1746, 334-348.	1.9	223
50	Endothelial-specific expression of caveolin-1 impairs microvascular permeability and angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 204-209.	3.3	150
51	Caveolin-1 Interacts Directly with Dynamin-2. <i>Journal of Molecular Biology</i> , 2005, 348, 491-501.	2.0	97
52	Fibroblast growth factor 2 endocytosis in endothelial cells proceed via syndecan-4-dependent activation of Rac1 and a Cdc42-dependent macropinocytic pathway. <i>Journal of Cell Science</i> , 2004, 117, 3189-3199.	1.2	129
53	PV1 Is a Key Structural Component for the Formation of the Stomatal and Fenestral Diaphragms. <i>Molecular Biology of the Cell</i> , 2004, 15, 3615-3630.	0.9	121
54	Transducible TAT-HA fusogenic peptide enhances escape of TAT-fusion proteins after lipid raft macropinocytosis. <i>Nature Medicine</i> , 2004, 10, 310-315.	15.2	1,542

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55	PV1 IS A NECESSARY AND SUFFICIENT COMPONENT FOR THE FORMATION OF THE STOMATAL AND FENESTRAL DIAPHRAGMS. <i>Cardiovascular Pathology</i> , 2004, 13, 129-130.	0.7	2
56	Vascular Gene Expression in Nonneoplastic and Malignant Brain. <i>American Journal of Pathology</i> , 2004, 165, 601-608.	1.9	168
57	Multiple PV1 dimers reside in the same stomatal or fenestral diaphragm. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1347-H1353.	1.5	38
58	Intersectin Regulates Fission and Internalization of Caveolae in Endothelial Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 4997-5010.	0.9	95
59	Caveolin regulation of endothelial function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L1179-L1183.	1.3	262
60	Defects in caveolin-1 cause dilated cardiomyopathy and pulmonary hypertension in knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11375-11380.	3.3	431
61	Structure and function of endothelial caveolae. <i>Microscopy Research and Technique</i> , 2002, 57, 350-364.	1.2	145
62	cDNA and Protein Sequence, Genomic Organization, and Analysis of cis Regulatory Elements of Mouse and Human PLVAP Genes. <i>Genomics</i> , 2001, 72, 304-313.	1.3	44
63	PV-1 is a component of the fenestral and stomatal diaphragms in fenestrated endothelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 13203-13207.	3.3	240
64	Isolation, Cloning, and Localization of Rat PV-1, a Novel Endothelial Caveolar Protein. <i>Journal of Cell Biology</i> , 1999, 145, 1189-1198.	2.3	116
65	Immunoisolation and partial characterization of endothelial plasmalemmal vesicles (caveolae).. <i>Molecular Biology of the Cell</i> , 1997, 8, 595-605.	0.9	199
66	Anatomy of the Pulmonary Endothelium. , 0, , 25-32.		2