

# Rusan Ali Catar

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,821  
citations

304368

22  
h-index

276539

41  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of functional autoantibodies against vascular receptors in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 530-536.	0.5	254
2	Cryopreserved or Fresh Mesenchymal Stromal Cells: Only a Matter of Taste or Key to Unleash the Full Clinical Potential of MSC Therapy?. <i>Advances in Experimental Medicine and Biology</i> , 2016, 951, 77-98.	0.8	141
3	Novel Nox inhibitor of oxLDL-induced reactive oxygen species formation in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 200-205.	1.0	120
4	Different Procoagulant Activity of Therapeutic Mesenchymal Stromal Cells Derived from Bone Marrow and Placental Decidua. <i>Stem Cells and Development</i> , 2015, 24, 2269-2279.	1.1	104
5	Non-HLA antibodies against endothelial targets bridging allo- and autoimmunity. <i>Kidney International</i> , 2016, 90, 280-288.	2.6	92
6	Non-HLA antibodies in solid organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 430-435.	0.8	80
7	IL-6 Transâ€“Signaling Links Inflammation with Angiogenesis in the Peritoneal Membrane. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1188-1199.	3.0	67
8	Multi-Parameter Analysis of Biobanked Human Bone Marrow Stromal Cells Shows Little Influence for Donor Age and Mild Comorbidities on Phenotypic and Functional Properties. <i>Frontiers in Immunology</i> , 2019, 10, 2474.	2.2	64
9	Effects of Freezeâ€“Thawing and Intravenous Infusion on Mesenchymal Stromal Cell Gene Expression. <i>Stem Cells and Development</i> , 2016, 25, 586-597.	1.1	60
10	Tumour necrosis factor-alpha in uraemic serum promotes osteoblastic transition and calcification of vascular smooth muscle cells via extracellular signal-regulated kinases and activator protein 1/c-FOS-mediated induction of interleukin 6 expression. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 574-585.	0.4	56
11	The proto-oncogene c-Fos transcriptionally regulates VEGF production during peritoneal inflammation. <i>Kidney International</i> , 2013, 84, 1119-1128.	2.6	51
12	Autoimmune mediated G-protein receptor activation in cardiovascular and renal pathologies. <i>Thrombosis and Haemostasis</i> , 2009, 101, 643-648.	1.8	49
13	Oxidative stressâ€“dependent increase in ICAMâ€“1 expression promotes adhesion of colorectal and pancreatic cancers to the senescent peritoneal mesothelium. <i>International Journal of Cancer</i> , 2010, 127, 293-303.	2.3	48
14	Role of non-HLA antibodies in organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2012, 17, 440-445.	0.8	47
15	Antibodies against chemokine receptors CXCR3 and CXCR4 predict progressive deterioration of lung function in patients with systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2018, 20, 52.	1.6	44
16	Low-density Lipoproteins Induce the Renin-Angiotensin System and their Receptors in Human Endothelial Cells. <i>Hormone and Metabolic Research</i> , 2007, 39, 801-805.	0.7	43
17	Non-HLA-antibodies targeting Angiotensin type 1 receptor and antibody mediated rejection. <i>Human Immunology</i> , 2012, 73, 1282-1286.	1.2	43
18	Non-HLA Antibodies Impact on C4d Staining, Stellate Cell Activation and Fibrosis in Liver Allografts. <i>Transplantation</i> , 2017, 101, 2399-2409.	0.5	42

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19	Estrogen Receptor- $\beta$ Signals Left Ventricular Hypertrophy Sex Differences in Normotensive Deoxycorticosterone Acetate-Salt Mice. <i>Hypertension</i> , 2011, 57, 648-654.	1.3	39
20	Sex-Specific mTOR Signaling Determines Sexual Dimorphism in Myocardial Adaptation in Normotensive DOCA-Salt Model. <i>Hypertension</i> , 2013, 61, 730-736.	1.3	31
21	Intrinsic Deregulation of Vascular Smooth Muscle and Myofibroblast Differentiation in Mesenchymal Stromal Cells from Patients with Systemic Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0153101.	1.1	30
22	Native and oxidized low-density lipoproteins stimulate endothelin-converting enzyme-1 expression in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 747-753.	1.0	26
23	Autoimmune mediated G-protein receptor activation in cardiovascular and renal pathologies. <i>Thrombosis and Haemostasis</i> , 2009, 101, 643-8.	1.8	23
24	Renal Ischemia/Reperfusion Injury in Soluble Epoxide Hydrolase-Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0145645.	1.1	22
25	Preclinical Toxicity Evaluation of Clinical Grade Placenta-Derived Decidua Stromal Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2685.	2.2	20
26	Regulation of Chemokine CCL5 Synthesis in Human Peritoneal Fibroblasts: A Key Role of IFN- $\gamma$ . <i>Mediators of Inflammation</i> , 2014, 2014, 1-9.	1.4	19
27	Transcriptional Regulation of Thrombin-Induced Endothelial VEGF Induction and Proangiogenic Response. <i>Cells</i> , 2021, 10, 910.	1.8	19
28	Aldosterone Rapidly Induces Leukocyte Adhesion to Endothelial Cells: A New Link Between Aldosterone and Arteriosclerosis?. <i>Hypertension</i> , 2007, 50, e156-7.	1.3	16
29	Protein Kinase C Inhibition Ameliorates Posttransplantation Preservation Injury in Rat Renal Transplants. <i>Transplantation</i> , 2012, 94, 679-686.	0.5	16
30	IL-17 in Peritoneal Dialysis-Associated Inflammation and Angiogenesis: Conclusions and Perspectives. <i>Frontiers in Physiology</i> , 2018, 9, 1694.	1.3	15
31	Expanded Hemodialysis Therapy Ameliorates Uremia-Induced Systemic Microinflammation and Endothelial Dysfunction by Modulating VEGF, TNF- $\alpha$ and AP-1 Signaling. <i>Frontiers in Immunology</i> , 2021, 12, 774052.	2.2	15
32	Control of neutrophil influx during peritonitis by transcriptional cross-regulation of chemokine CXCL1 by IL-17 and IFN- $\gamma$ . <i>Journal of Pathology</i> , 2020, 251, 175-186.	2.1	14
33	Non-HLA antibodies targeting angiotensin II Type 1 receptor and endothelin-1 Type A receptors induce endothelial injury via $\beta$ 2-arrestin link to mTOR pathway. <i>Kidney International</i> , 2022, 101, 498-509.	2.6	14
34	Autoantibodies from Patients with Scleroderma Renal Crisis Promote PAR-1 Receptor Activation and IL-6 Production in Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11793.	1.8	14
35	Native and Oxidized Low-Density Lipoproteins Increase the Expression of the LDL Receptor and the LOX-1 Receptor, Respectively, in Arterial Endothelial Cells. <i>Cells</i> , 2022, 11, 204.	1.8	14
36	Angiogenic Role of Mesothelium-Derived Chemokine CXCL1 During Unfavorable Peritoneal Tissue Remodeling in Patients Receiving Peritoneal Dialysis as Renal Replacement Therapy. <i>Frontiers in Immunology</i> , 2022, 13, 821681.	2.2	12

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37	17 $\beta$ -Estradiol Regulates mTORC2 Sensitivity to Rapamycin in Adaptive Cardiac Remodeling. PLoS ONE, 2015, 10, e0123385.	1.1	9
38	Increased Gene Expression of the Cardiac Endothelin System in Obese Mice. Hormone and Metabolic Research, 2015, 47, 509-515.	0.7	8
39	Autoantibodies Targeting AT1- and ETA-Receptors Link Endothelial Proliferation and Coagulation via Ets-1 Transcription Factor. International Journal of Molecular Sciences, 2022, 23, 244.	1.8	8
40	Angiotensin and Endothelin Receptor Structures With Implications for Signaling Regulation and Pharmacological Targeting. Frontiers in Endocrinology, 2022, 13, 880002.	1.5	7
41	Thy-1+ $\alpha$ 2(I) fibroblast subsets in the human peritoneum. American Journal of Physiology - Renal Physiology, 2017, 313, F1116-F1123.	1.3	6
42	Non-HLA Antibodies in Hand Transplant Recipients Are Connected to Multiple Acute Rejection Episodes and Endothelial Activation. Journal of Clinical Medicine, 2022, 11, 833.	1.0	6
43	Non-HLA Autoantibodies at 1 Year Negatively Affect 5-Year Native Renal Function in Liver Transplant Recipients. Transplantation Proceedings, 2021, 53, 1019-1024.	0.3	5
44	Molecular Effects of Auto-Antibodies on Angiotensin II Type 1 Receptor Signaling and Cell Proliferation. International Journal of Molecular Sciences, 2022, 23, 3984.	1.8	5
45	Upregulation of endothelin receptor B in human endothelial cells by low-density lipoproteins. Experimental Biology and Medicine, 2006, 231, 766-771.	1.1	3
46	Reactivity of the rat distal colon to autoantibodies targeting angiotensin type I receptors. Porto Biomedical Journal, 2017, 2, 186.	0.4	0