Rusan Ali Catar

List of Publications by Year
in descending order

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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	Non-HLA antibodies targeting angiotensin II Type 1 receptor and endothelin-1 Type A receptors induce endothelial injury via Î²2-arrestin link to mTOR pathway. Kidney International, 2022, 101, 498-509.	2.6	14
2	Native and Oxidized Low-Density Lipoproteins Increase the Expression of the LDL Receptor and the LOX-1 Receptor, Respectively, in Arterial Endothelial Cells. Cells, 2022, 11, 204.	1.8	14
3	Angiogenic Role of Mesothelium-Derived Chemokine CXCL1 During Unfavorable Peritoneal Tissue Remodeling in Patients Receiving Peritoneal Dialysis as Renal Replacement Therapy. Frontiers in Immunology, 2022, 13, 821681.	2.2	12
4	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
5	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
6	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
7	Angiotensin and Endothelin Receptor Structures With Implications for Signaling Regulation and Pharmacological Targeting. Frontiers in Endocrinology, 2022, 13, 880002.	1.5	7
8	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
9	Transcriptional Regulation of Thrombin-Induced Endothelial VEGF Induction and Proangiogenic Response. Cells, 2021, 10, 910.	1.8	19
10	Autoantibodies from Patients with Scleroderma Renal Crisis Promote PAR-1 Receptor Activation and IL-6 Production in Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 11793.	1.8	14
11	Expanded Hemodialysis Therapy Ameliorates Uremia-Induced Systemic Microinflammation and Endothelial Dysfunction by Modulating VEGF, TNF-Î± and AP-1 Signaling. Frontiers in Immunology, 2021, 12, 774052.	2.2	15
12	Control of neutrophil influx during peritonitis by transcriptional crossâ€regulation of chemokine <scp>CXCL1</scp> by <scp>IL</scp>â€17 and <scp>IFN</scp>â€Î³. Journal of Pathology, 2020, 251, 175-186.	2.1	14
13	Multi-Parameter Analysis of Biobanked Human Bone Marrow Stromal Cells Shows Little Influence for Donor Age and Mild Comorbidities on Phenotypic and Functional Properties. Frontiers in Immunology, 2019, 10, 2474.	2.2	64
14	Preclinical Toxicity Evaluation of Clinical Grade Placenta-Derived Decidua Stromal Cells. Frontiers in Immunology, 2019, 10, 2685.	2.2	20
15	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. Nephrology Dialysis Transplantation, 2018, 33, 574-585.	0.4	56
16	IL-17 in Peritoneal Dialysis-Associated Inflammation and Angiogenesis: Conclusions and Perspectives. Frontiers in Physiology, 2018, 9, 1694.	1.3	15
17	Antibodies against chemokine receptors CXCR3 and CXCR4 predict progressive deterioration of lung function in patients with systemic sclerosis. Arthritis Research and Therapy, 2018, 20, 52.	1.6	44
18	Thy-1+/â^'fibroblast subsets in the human peritoneum. American Journal of Physiology - Renal Physiology, 2017, 313, F1116-F1123.	1.3	6

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19	Reactivity of the rat distal colon to autoantibodies targeting angiotensin type I receptors. Porto Biomedical Journal, 2017, 2, 186.	0.4	0
20	Non-HLA Antibodies Impact on C4d Staining, Stellate Cell Activation and Fibrosis in Liver Allografts. Transplantation, 2017, 101, 2399-2409.	0.5	42
21	IL-6 Transâ€“Signaling Links Inflammation with Angiogenesis in the Peritoneal Membrane. Journal of the American Society of Nephrology: JASN, 2017, 28, 1188-1199.	3.0	67
22	Intrinsic Deregulation of Vascular Smooth Muscle and Myofibroblast Differentiation in Mesenchymal Stromal Cells from Patients with Systemic Sclerosis. PLoS ONE, 2016, 11, e0153101.	1.1	30
23	Non-HLA antibodies against endothelial targets bridging allo- and autoimmunity. Kidney International, 2016, 90, 280-288.	2.6	92
24	Cryopreserved or Fresh Mesenchymal Stromal Cells: Only a Matter of Taste or Key to Unleash the Full Clinical Potential of MSC Therapy?. Advances in Experimental Medicine and Biology, 2016, 951, 77-98.	0.8	141
25	Effects of Freezeâ€“Thawing and Intravenous Infusion on Mesenchymal Stromal Cell Gene Expression. Stem Cells and Development, 2016, 25, 586-597.	1.1	60
26	Renal Ischemia/Reperfusion Injury in Soluble Epoxide Hydrolase-Deficient Mice. PLoS ONE, 2016, 11, e0145645.	1.1	22
27	17ÃŸ-Estradiol Regulates mTORC2 Sensitivity to Rapamycin in Adaptive Cardiac Remodeling. PLoS ONE, 2015, 10, e0123385.	1.1	9
28	Increased Gene Expression of the Cardiac Endothelin System in Obese Mice. Hormone and Metabolic Research, 2015, 47, 509-515.	0.7	8
29	Different Procoagulant Activity of Therapeutic Mesenchymal Stromal Cells Derived from Bone Marrow and Placental Decidua. Stem Cells and Development, 2015, 24, 2269-2279.	1.1	104
30	Regulation of Chemokine CCL5 Synthesis in Human Peritoneal Fibroblasts: A Key Role of IFN-Î³. Mediators of Inflammation, 2014, 2014, 1-9.	1.4	19
31	The proto-oncogene c-Fos transcriptionally regulates VEGF production during peritoneal inflammation. Kidney International, 2013, 84, 1119-1128.	2.6	51
32	Non-HLA antibodies in solid organ transplantation. Current Opinion in Organ Transplantation, 2013, 18, 430-435.	0.8	80
33	Sex-Specific mTOR Signaling Determines Sexual Dimorphism in Myocardial Adaptation in Normotensive DOCA-Salt Model. Hypertension, 2013, 61, 730-736.	1.3	31
34	Role of non-HLA antibodies in organ transplantation. Current Opinion in Organ Transplantation, 2012, 17, 440-445.	0.8	47
35	Protein Kinase C Inhibition Ameliorates Posttransplantation Preservation Injury in Rat Renal Transplants. Transplantation, 2012, 94, 679-686.	0.5	16
36	Non-HLA-antibodies targeting Angiotensin type 1 receptor and antibody mediated rejection. Human Immunology, 2012, 73, 1282-1286.	1.2	43

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37	Estrogen Receptor-Î² Signals Left Ventricular Hypertrophy Sex Differences in Normotensive Deoxycorticosterone Acetate-Salt Mice. Hypertension, 2011, 57, 648-654.	1.3	39
38	Involvement of functional autoantibodies against vascular receptors in systemic sclerosis. Annals of the Rheumatic Diseases, 2011, 70, 530-536.	0.5	254
39	Oxidative stressâ€dependent increase in ICAMâ€1 expression promotes adhesion of colorectal and pancreatic cancers to the senescent peritoneal mesothelium. International Journal of Cancer, 2010, 127, 293-303.	2.3	48
40	Autoimmune mediated G-protein receptor activation in cardiovascular and renal pathologies. Thrombosis and Haemostasis, 2009, 101, 643-648.	1.8	49
41	Autoimmune mediated G-protein receptor activation in cardiovascular and renal pathologies. Thrombosis and Haemostasis, 2009, 101, 643-8.	1.8	23
42	Aldosterone Rapidly Induces Leukocyte Adhesion to Endothelial Cells: A New Link Between Aldosterone and Arteriosclerosis?. Hypertension, 2007, 50, e156-7.	1.3	16
43	Low-density Lipoproteins Induce the Renin-Angiotensin System and their Receptors in Human Endothelial Cells. Hormone and Metabolic Research, 2007, 39, 801-805.	0.7	43
44	Novel Nox inhibitor of oxLDL-induced reactive oxygen species formation in human endothelial cells. Biochemical and Biophysical Research Communications, 2006, 344, 200-205.	1.0	120
45	Upregulation of endothelin receptor B in human endothelial cells by low-density lipoproteins. Experimental Biology and Medicine, 2006, 231, 766-71.	1.1	3
46	Native and oxidized low-density lipoproteins stimulate endothelin-converting enzyme-1 expression in human endothelial cells. Biochemical and Biophysical Research Communications, 2005, 334, 747-753.	1.0	26