Roberta Donadelli

List of Publications by Year
in descending order

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37 papers	4,053 citations	218677 26 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	4167 citing authors

#	Article	IF	Citations
1	Relative Role of Genetic Complement Abnormalities in Sporadic and Familial aHUS and Their Impact on Clinical Phenotype. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1844-1859.	4.5	818
2	Nitric Oxide Synthesis by Cultured Endothelial Cells Is Modulated by Flow Conditions. Circulation Research, 1995, 76, 536-543.	4.5	442
3	Protein overload stimulates RANTES production by proximal tubular cells depending on NF-kB activation. Kidney International, 1998, 53, 1608-1615.	5.2	371
4	Dynamics of complement activation in aHUS and how to monitor eculizumab therapy. Blood, 2014, 124, 1715-1726.	1.4	288
5	MYO1EMutations and Childhood Familial Focal Segmental Glomerulosclerosis. New England Journal of Medicine, 2011, 365, 295-306.	27.0	221
6	Protein traffic activates NF-kB gene signaling and promotes MCP-1â€“dependent interstitial inflammation. American Journal of Kidney Diseases, 2000, 36, 1226-1241.	1.9	145
7	Transforming Growth Factor-Î²1 Is Up-Regulated by Podocytes in Response to Excess Intraglomerular Passage of Proteins. American Journal of Pathology, 2002, 161, 2179-2193.	3.8	138
8	Complement Factor H Mutation in Familial Thrombotic Thrombocytopenic Purpura with ADAMTS13 Deficiency and Renal Involvement. Journal of the American Society of Nephrology: JASN, 2005, 16, 1177-1183.	6.1	129
9	Mutations in FN1 cause glomerulopathy with fibronectin deposits. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2538-2543.	7.1	125
10	Fluid Shear Stress Modulates von Willebrand Factor Release From Human Vascular Endothelium. Blood, 1997, 90, 1558-1564.	1.4	123
11	Protein Overload Induces Fractalkine Upregulation in Proximal Tubular Cells through Nuclear Factor ÎºBâ€“ and p38 Mitogen-Activated Protein Kinaseâ€“Dependent Pathways. Journal of the American Society of Nephrology: JASN, 2003, 14, 2436-2446.	6.1	118
12	Residual plasmatic activity of ADAMTS13 is correlated with phenotype severity in congenital thrombotic thrombocytopenic purpura. Blood, 2012, 120, 440-448.	1.4	107
13	Complement Factor B Mutations in Atypical Hemolytic Uremic Syndromeâ€”Disease-Relevant or Benign?. Journal of the American Society of Nephrology: JASN, 2014, 25, 2053-2065.	6.1	107
14	Shiga toxin-2 triggers endothelial leukocyte adhesion and transmigration via NF-ÎºB dependent up-regulation of IL-8 and MCP-11. Kidney International, 2002, 62, 846-856.	5.2	105
15	The renoprotective properties of angiotensin-converting enzyme inhibitors in a chronic model of membranous nephropathy are solely due to the inhibition of angiotensin II: Evidence based on comparative studies with a receptor antagonist. American Journal of Kidney Diseases, 1997, 29, 254-264.	1.9	74
16	In-vitro and in-vivo consequences of mutations in the von Willebrand factor cleaving protease ADAMTS13 in thrombotic thrombocytopenic purpura. Thrombosis and Haemostasis, 2006, 96, 454-464.	3.4	72
17	Bindarit retards renal disease and prolongs survival in murine lupus autoimmune disease. Kidney International, 1998, 53, 726-734.	5.2	71
18	An ExÂVivo Test of Complement Activation on Endothelium for Individualized Eculizumab Therapy in Hemolytic Uremic Syndrome. American Journal of Kidney Diseases, 2019, 74, 56-72.	1.9	71

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19	Size regulation of von Willebrand factorâ€“mediated platelet thrombi by ADAMTS13 in flowing blood. Blood, 2006, 107, 1943-1950.	1.4	63
20	Systemic and fetal-maternal nitric oxide synthesis in normal pregnancy and pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 1996, 103, 879-886.	2.3	61
21	Interaction between Multimeric von Willebrand Factor and Complement: A Fresh Look to the Pathophysiology of Microvascular Thrombosis. Journal of Immunology, 2017, 199, 1021-1040.	0.8	56
22	Characterization of a New DGKE Intronic Mutation in Genetically Unsolved Cases of Familial Atypical Hemolytic Uremic Syndrome. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1011-1019.	4.5	47
23	SARS-CoV-2 Spike Protein 1 Activates Microvascular Endothelial Cells and Complement System Leading to Platelet Aggregation. Frontiers in Immunology, 2022, 13, 827146.	4.8	45
24	Unraveling the Molecular Mechanisms Underlying Complement Dysregulation by Nephritic Factors in C3G and IC-MPGN. Frontiers in Immunology, 2018, 9, 2329.	4.8	37
25	Autoimmune abnormalities of the alternative complement pathway in membranoproliferative glomerulonephritis and C3 glomerulopathy. Pediatric Nephrology, 2019, 34, 1311-1323.	1.7	33
26	Rare Functional Variants in Complement Genes and Anti-FH Autoantibodies-Associated aHUS. Frontiers in Immunology, 2019, 10, 853.	4.8	31
27	ADAMTS13 Predicts Renal and Cardiovascular Events in Type 2 Diabetic Patients and Response to Therapy. Diabetes, 2013, 62, 3599-3609.	0.6	25
28	Eculizumab in patients with severe coronavirus disease 2019 (COVID-19) requiring continuous positive airway pressure ventilator support: Retrospective cohort study. PLoS ONE, 2021, 16, e0261113.	2.5	25
29	Methylprednisolone dosage effects on peripheral lymphocyte subpopulations and eicosanoid synthesis. Kidney International, 1992, 42, 981-990.	5.2	21
30	Xenogeneic Serum Promotes Leukocyte-Endothelium Interaction under Flow through Two Temporally Distinct Pathways. Journal of the American Society of Nephrology: JASN, 1999, 10, 2197-2207.	6.1	20
31	In-vitro and in-vivo consequences of mutations in the von Willebrand factor cleaving protease ADAMTS13 in thrombotic thrombocytopenic purpura. Thrombosis and Haemostasis, 2006, 96, 454-64.	3.4	20
32	ADAMTS13 Secretion and Residual Activity among Patients with Congenital Thrombotic Thrombocytopenic Purpura with and without Renal Impairment. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 2002-2012.	4.5	12
33	CFH and CFHR Copy Number Variations in C3 Glomerulopathy and Immune Complex-Mediated Membranoproliferative Glomerulonephritis. Frontiers in Genetics, 2021, 12, 670727.	2.3	11
34	Fluid Shear Stress Modulates von Willebrand Factor Release From Human Vascular Endothelium. Blood, 1997, 90, 1558-1564.	1.4	8
35	Identification of a Novel Geneâ€”SSK1â€”in Human Endothelial Cells Exposed to Shear Stress. Biochemical and Biophysical Research Communications, 1998, 246, 881-887.	2.1	6
36	Diverse Functional Implications of ADAMTS13 Gene Mutations in Patients with TTP and Congenital Deficiency.. Blood, 2004, 104, 513-513.	1.4	5

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37	Therapeutic Small Interfering RNA Targeting Complement C3 in a Mouse Model of C3 Glomerulopathy. Journal of Immunology, 2022, 208, 1772-1781.	0.8	2