

Simona Buelli

List of Publications by Year in descending order

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28
papers

1,922
citations

331670

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501196

28
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all docs

29
docs citations

29
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>MYO1E</i> Mutations and Childhood Familial Focal Segmental Glomerulosclerosis. <i>New England Journal of Medicine</i> , 2011, 365, 295-306.	27.0	221
2	Alternative Pathway Activation of Complement by Shiga Toxin Promotes Exuberant C3a Formation That Triggers Microvascular Thrombosis. <i>Journal of Immunology</i> , 2011, 187, 172-180.	0.8	220
3	Shiga toxin-associated hemolytic uremic syndrome: pathophysiology of endothelial dysfunction. <i>Pediatric Nephrology</i> , 2010, 25, 2231-2240.	1.7	156
4	In Response to Protein Load Podocytes Reorganize Cytoskeleton and Modulate Endothelin-1 Gene. <i>American Journal of Pathology</i> , 2005, 166, 1309-1320.	3.8	151
5	Protein overload-induced NF-kappaB activation in proximal tubular cells requires H ₂ O ₂ through a PKC-dependent pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 1179-89.	6.1	135
6	Protein Overload Induces Fractalkine Upregulation in Proximal Tubular Cells through Nuclear Factor κ B and p38 Mitogen-Activated Protein Kinase-Dependent Pathways. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2436-2446.	6.1	118
7	SGLT2 inhibitor dapagliflozin limits podocyte damage in proteinuric nondiabetic nephropathy. <i>JCI Insight</i> , 2018, 3, .	5.0	114
8	Shigatoxin-Induced Endothelin-1 Expression in Cultured Podocytes Autocrinally Mediates Actin Remodeling. <i>American Journal of Pathology</i> , 2006, 169, 1965-1975.	3.8	92
9	Proteasomal Processing of Albumin by Renal Dendritic Cells Generates Antigenic Peptides. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 123-130.	6.1	88
10	Permeable Dysfunction of Podocyte-Podocyte Contact upon Angiotensin II Unravels the Molecular Target for Renoprotective Intervention. <i>American Journal of Pathology</i> , 2006, 168, 1073-1085.	3.8	82
11	Membranous Nephropathy Associated With IgG4-Related Disease. <i>American Journal of Kidney Diseases</i> , 2011, 58, 272-275.	1.9	64
12	β -Arrestin-1 Drives Endothelin-1-Mediated Podocyte Activation and Sustains Renal Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 523-533.	6.1	63
13	Shiga Toxin Promotes Podocyte Injury in Experimental Hemolytic Uremic Syndrome via Activation of the Alternative Pathway of Complement. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1786-1798.	6.1	52
14	C3a receptor blockade protects podocytes from injury in diabetic nephropathy. <i>JCI Insight</i> , 2020, 5, .	5.0	46
15	Effects of MCP-1 Inhibition by Bindarit Therapy in a Rat Model of Polycystic Kidney Disease. <i>Nephron</i> , 2015, 129, 52-61.	1.8	43
16	Angiotensin II Contributes to Diabetic Renal Dysfunction in Rodents and Humans via Notch1/Snail Pathway. <i>American Journal of Pathology</i> , 2013, 183, 119-130.	3.8	39
17	Fractalkine and CX3CR1 Mediate Leukocyte Capture by Endothelium in Response to Shiga Toxin. <i>Journal of Immunology</i> , 2008, 181, 1460-1469.	0.8	37
18	Shiga toxin triggers endothelial and podocyte injury: the role of complement activation. <i>Pediatric Nephrology</i> , 2019, 34, 379-388.	1.7	34

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19	Protein load impairs factor H binding promoting complement-dependent dysfunction of proximal tubular cells. <i>Kidney International</i> , 2009, 75, 1050-1059.	5.2	28
20	Mitochondrial-dependent Autoimmunity in Membranous Nephropathy of IgG4-related Disease. <i>EBioMedicine</i> , 2015, 2, 456-466.	6.1	24
21	Complement Activation Contributes to the Pathophysiology of Shiga Toxin-Associated Hemolytic Uremic Syndrome. <i>Microorganisms</i> , 2019, 7, 15.	3.6	23
22	A previously unrecognized role of C3a in proteinuric progressive nephropathy. <i>Scientific Reports</i> , 2016, 6, 28445.	3.3	22
23	Endothelin-targeted new treatments for proteinuric and inflammatory glomerular diseases: focus on the added value to anti-renin-angiotensin system inhibition. <i>Pediatric Nephrology</i> , 2021, 36, 763-775.	1.7	17
24	Sirtuin3 Dysfunction Is the Key Determinant of Skeletal Muscle Insulin Resistance by Angiotensin II. <i>PLoS ONE</i> , 2015, 10, e0127172.	2.5	16
25	Endothelin in Chronic Proteinuric Kidney Disease. <i>Contributions To Nephrology</i> , 2011, 172, 171-184.	1.1	15
26	Activation of porcine endothelium in response to xenogeneic serum causes thrombosis independently of platelet activation. <i>Xenotransplantation</i> , 2005, 12, 110-120.	2.8	14
27	Untangling the Knot in Diabetic Nephropathy: The Unanticipated Role of Glycocalyx in the Antiproteinuric Effect of Endothelin Receptor Antagonists. <i>Diabetes</i> , 2016, 65, 2115-2117.	0.6	5
28	Shiga Toxin 2 Triggers C3a-Dependent Glomerular and Tubular Injury through Mitochondrial Dysfunction in Hemolytic Uremic Syndrome. <i>Cells</i> , 2022, 11, 1755.	4.1	3