Andrea Remuzzi

List of Publications by Year in Descending Order

154 papers	9,289 citations	49 h-index	94 g-index
162 ext. papers	10,683 ext. citations	7.1 avg, IF	7.27 L-index

#	Paper	IF	Citations
154	The use of AVF.SIM system for the surgical planning of arteriovenous fistulae in routine clinical practice.. *Journal of Vascular Access*, **2022**, 11297298211062695	1.8	0
153	Automatic cyst and kidney segmentation in autosomal dominant polycystic kidney disease: Comparison of U-Net based methods. *Computers in Biology and Medicine*, **2022**, 105431	7	
152	Improving the user experience of televisits and telemonitoring for heart failure patients in less than 6 months: a methodological approach.. *International Journal of Medical Informatics*, **2022**, 161, 104717	5.3	2
151	Arteriovenous fistula creation with VasQ device: A feasibility study to reveal hemodynamic implications.. *Journal of Vascular Access*, **2022**, 11297298221087160	1.8	0
150	Characterization of the Microflow Through 3D Synthetic Niche Microenvironments Hosted in a Millifluidic Bioreactor.. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 799594	5.8	
149	Arteriovenous access in hemodialysis: A multidisciplinary perspective for future solutions. *International Journal of Artificial Organs*, **2021**, 44, 3-16	1.9	3
148	Basic principles and new advances in kidney imaging. *Kidney International*, **2021**, 100, 1001-1011	9.9	5
147	Insights into Glomerular Filtration and Albuminuria. *New England Journal of Medicine*, **2021**, 385, 477	59.2	0
146	Functional Magnetic Resonance Imaging Versus Kidney Biopsy to Assess Response to Therapy in Nephrotic Syndrome: A Case Report. *Kidney Medicine*, **2020**, 2, 804-809	2.8	1
145	COVID-19 and Italy: what next?. *Lancet, The*, **2020**, 395, 1225-1228	40	1727
144	Copper-dependent biological effects of particulate matter produced by brake systems on lung alveolar cells. *Archives of Toxicology*, **2020**, 94, 2965-2979	5.8	5
143	Role of ultrastructural determinants of glomerular permeability in ultrafiltration function loss. *JCI Insight*, **2020**, 5,	9.9	4
142	Protective Effect of Human Mesenchymal Stem Cells on the Survival of Pancreatic Islets. *International Journal of Stem Cells*, **2020**, 13, 116-126	3	2
141	Does MRI trump pathology? A new era for staging and monitoring of kidney fibrosis. *Kidney International*, **2020**, 97, 442-444	9.9	6
140	Preliminary detection of lung hypoperfusion in discharged Covid-19 patients during recovery. *European Journal of Radiology*, **2020**, 129, 109121	4.7	12
139	A Novel Hybrid Silk Fibroin/Polyurethane Arteriovenous Graft for Hemodialysis: Proof-of-Concept Animal Study in an Ovine Model. *Advanced Healthcare Materials*, **2020**, 9, e2000794	10.1	4
138	Effect of the 3D Artificial Nichoid on the Morphology and Mechanobiological Response of Mesenchymal Stem Cells Cultured In Vitro. *Cells*, **2020**, 9,	7.9	11

137	Phase-contrast magnetic resonance imaging to assess renal perfusion: a systematic review and statement paper. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2020**, 33, 3-21	2.8	10
136	Engineering the vasculature of decellularized rat kidney scaffolds using human induced pluripotent stem cell-derived endothelial cells. *Scientific Reports*, **2019**, 9, 8001	4.9	24
135	Toxicological evaluation of airborne particulate matter. Are cell culture technologies ready to replace animal testing?. *Journal of Applied Toxicology*, **2019**, 39, 1484-1491	4.1	6
134	Octreotide-LAR in later-stage autosomal dominant polycystic kidney disease (ALADIN 2): A randomized, double-blind, placebo-controlled, multicenter trial. *PLoS Medicine*, **2019**, 16, e1002777	11.6	21
133	A novel hybrid silk-fibroin/polyurethane three-layered vascular graft: towards in situ tissue-engineered vascular accesses for haemodialysis. *Biomedical Materials (Bristol)*, **2019**, 14, 025007	3.5	16
132	Toward longitudinal studies of hemodynamically induced vessel wall remodeling. *International Journal of Artificial Organs*, **2018**, 41, 714-722	1.9	9
131	Bioengineering Organs for Blood Detoxification. *Advanced Healthcare Materials*, **2018**, 7, e1800430	10.1	26
130	Automatic Segmentation of Kidneys using Deep Learning for Total Kidney Volume Quantification in Autosomal Dominant Polycystic Kidney Disease. *Scientific Reports*, **2017**, 7, 2049	4.9	72
129	Experimental Evaluation of Kidney Regeneration by Organ Scaffold Recellularization. *Scientific Reports*, **2017**, 7, 43502	4.9	33
128	Clinical use of computational modeling for surgical planning of arteriovenous fistula for hemodialysis. *BMC Medical Informatics and Decision Making*, **2017**, 17, 26	3.6	11
127	Kidney volume measurement methods for clinical studies on autosomal dominant polycystic kidney disease. *PLoS ONE*, **2017**, 12, e0178488	3.7	16
126	Decellularized kidney matrix as functional material for whole organ tissue engineering. *Journal of Applied Biomaterials and Functional Materials*, **2017**, 15, e326-e333	1.8	21
125	Recellularization of Kidney Scaffold With Stem Cells **2017**, 877-886		3
124	Artificial organs: current status and future directions. *International Journal of Artificial Organs*, **2017** , 39, 587-589	1.9	1
123	Biological and Physical Factors Involved in the Maturation of Arteriovenous Fistula for Hemodialysis. *Cardiovascular Engineering and Technology*, **2017**, 8, 273-279	2.2	22
122	Blood Flow in Idealized Vascular Access for Hemodialysis: A Review of Computational Studies. *Cardiovascular Engineering and Technology*, **2017**, 8, 295-312	2.2	17
121	Therapeutic potential of Mesenchymal Stem Cells for the treatment of diabetic peripheral neuropathy. *Experimental Neurology*, **2017**, 288, 75-84	5.7	16
120	Is shear stress the key factor for AVF maturation?. *Journal of Vascular Access*, **2017**, 18, 10-14	1.8	22

119	Regression of Renal Disease by Angiotensin II Antagonism Is Caused by Regeneration of Kidney Vasculature. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 699-705	12.7	29
118	The molecular mechanisms of hemodialysis vascular access failure. *Kidney International*, **2016**, 89, 303-316	9.9	119
117	Design of a cone-and-plate device for controlled realistic shear stress stimulation on endothelial cell monolayers. *Cytotechnology*, **2016**, 68, 1885-96	2.2	19
116	Endothelial cell activation by hemodynamic shear stress derived from arteriovenous fistula for hemodialysis access. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H49-59	5.2	25
115	Effect of Sirolimus on Disease Progression in Patients with Autosomal Dominant Polycystic Kidney Disease and CKD Stages 3b-4. *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 785-94	6.9	26
114	Transitional Flow in the Venous Side of Patient-Specific Arteriovenous Fistulae for Hemodialysis. *Annals of Biomedical Engineering*, **2016**, 44, 2388-2401	4.7	38
113	Updating the journal sections for the evolution of research and clinical applications in artificial organs. *International Journal of Artificial Organs*, **2016**, 39, 261-4	1.9	1
112	Chronic kidney disease and cardiovascular risk in six regions of the world (ISN-KDDC): a cross-sectional study. *The Lancet Global Health*, **2016**, 4, e307-19	13.6	195
111	Two-photon polymerized "nichoid" substrates maintain function of pluripotent stem cells when expanded under feeder-free conditions. *Stem Cell Research and Therapy*, **2016**, 7, 132	8.3	26
110	Disturbed flow in a patient-specific arteriovenous fistula for hemodialysis: Multidirectional and reciprocating near-wall flow patterns. *Journal of Biomechanics*, **2015**, 48, 2195-200	2.9	30
109	Small diameter electrospun silk fibroin vascular grafts: Mechanical properties, in vitro biodegradability, and in vivo biocompatibility. *Materials Science and Engineering C*, **2015**, 54, 101-11	8.3	107
108	Effects of MCP-1 inhibition by bindarit therapy in a rat model of polycystic kidney disease. *Nephron*, **2015**, 129, 52-61	3.3	35
107	pyNS: an open-source framework for 0D haemodynamic modelling. *Annals of Biomedical Engineering*, **2015**, 43, 1461-73	4.7	13
106	Recellularization of well-preserved acellular kidney scaffold using embryonic stem cells. *Tissue Engineering - Part A*, **2014**, 20, 1486-98	3.9	134
105	Computational model for simulation of vascular adaptation following vascular access surgery in haemodialysis patients. *Computer Methods in Biomechanics and Biomedical Engineering*, **2014**, 17, 1358-67	2.1	23
104	Computational model for prediction of fistula outcome. *Journal of Vascular Access*, **2014**, 15 Suppl 7, S64-9	1.8	7
103	Current Status of Islet Transplantation **2014**, 583-598		
102	Letter from the editor in chief. *International Journal of Artificial Organs*, **2014**, 37, 275-6	1.9	1

101	Renal bioengineering with scaffolds generated from rat and pig kidneys. *Nephron Experimental Nephrology*, **2014**, 126, 113		13
100	A double mechanism for the mesenchymal stem cellsRpositive effect on pancreatic islets. *PLoS ONE*, **2014**, 9, e84309	3.7	41
99	Mesenchymal stem cells help pancreatic islet transplantation to control type 1 diabetes. *World Journal of Stem Cells*, **2014**, 6, 163-72	5.6	38
98	Islet transplantation and insulin administration relieve long-term complications and rescue the residual endogenous pancreatic cells. *American Journal of Pathology*, **2013**, 183, 1527-38	5.8	5
97	Isolation of Langerhans islets by dielectrophoresis. *Electrophoresis*, **2013**, 34, 1068-75	3.6	11
96	Effect of longacting somatostatin analogue on kidney and cyst growth in autosomal dominant polycystic kidney disease (ALADIN): a randomised, placebo-controlled, multicentre trial. *Lancet, The*, **2013**, 382, 1485-95	40	180
95	Numerical Evaluation and Experimental Validation of Pressure Drops Across a Patient-Specific Model of Vascular Access for Hemodialysis. *Cardiovascular Engineering and Technology*, **2013**, 4, 485-499	2.2	18
94	Prevention of inappropriate prescribing in hospitalized older patients using a computerized prescription support system (INTERcheck( )). *Drugs and Aging*, **2013**, 30, 821-8	4.7	55
93	Effect of anastomosis angle on the localization of disturbed flow in Rside-to-endRfistulae for haemodialysis access. *Nephrology Dialysis Transplantation*, **2013**, 28, 997-1005	4.3	80
92	Validation of a patient-specific hemodynamic computational model for surgical planning of vascular access in hemodialysis patients. *Kidney International*, **2013**, 84, 1237-45	9.9	52
91	An opto-structural method to estimate the stress-strain field induced by cell contraction on substrates of controlled stiffness in vitro. *Journal of Applied Biomaterials and Functional Materials*, **2013**, 11, e143-50	1.8	2
90	Novel paradigms for dialysis vascular access: upstream hemodynamics and vascular remodeling in dialysis access stenosis. *Clinical Journal of the American Society of Nephrology: CJASN*, **2013**, 8, 2186-93	6.9	54
89	In vivo regeneration of elastic lamina on fibroin biodegradable vascular scaffold. *International Journal of Artificial Organs*, **2013**, 36, 166-74	1.9	30
88	Patient-specific model of arterial circulation for surgical planning of vascular access. *Journal of Vascular Access*, **2013**, 14, 180-92	1.8	14
87	Disturbed flow in radial-cephalic arteriovenous fistulae for haemodialysis: low and oscillating shear stress locates the sites of stenosis. *Nephrology Dialysis Transplantation*, **2012**, 27, 358-68	4.3	112
86	Regenerative medicine as applied to general surgery. *Annals of Surgery*, **2012**, 255, 867-80	7.8	79
85	Inhibiting angiotensin-converting enzyme promotes renal repair by limiting progenitor cell proliferation and restoring the glomerular architecture. *American Journal of Pathology*, **2011**, 179, 628-38	5.8	90
84	Intermediate volume on computed tomography imaging defines a fibrotic compartment that predicts glomerular filtration rate decline in autosomal dominant polycystic kidney disease patients. *American Journal of Pathology*, **2011**, 179, 619-27	5.8	9

83	Clinical study protocol for the ARCH project - computational modeling for improvement of outcome after vascular access creation. *Journal of Vascular Access*, **2011**, 12, 369-76	1.8	22
82	Geometry of the internal carotid artery and recurrent patterns in location, orientation, and rupture status of lateral aneurysms: an image-based computational study. *Neurosurgery*, **2011**, 68, 1270-85; discussion 1285	3.2	40
81	Effect of ACE inhibition on glomerular permselectivity and tubular albumin concentration in the renal ablation model. *American Journal of Physiology - Renal Physiology*, **2011**, 300, F1291-300	4.3	12
80	Shear stress reverses dome formation in confluent renal tubular cells. *Cellular Physiology and Biochemistry*, **2011**, 28, 673-82	3.9	16
79	Reducing polycystic liver volume in ADPKD: effects of somatostatin analogue octreotide. *Clinical Journal of the American Society of Nephrology: CJASN*, **2010**, 5, 783-9	6.9	104
78	Sirolimus therapy to halt the progression of ADPKD. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 1031-40	12.7	127
77	Imaging of the porous ultrastructure of the glomerular epithelial filtration slit. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 2081-9	12.7	70
76	Comment on: Robertson (2010) Islet transplantation a decade later and strategies for filling a half-full glass. Diabetes;59:1285-1291. *Diabetes*, **2010**, 59, e13; author reply e14	0.9	3
75	Burden of CKD, proteinuria, and cardiovascular risk among Chinese, Mongolian, and Nepalese participants in the International Society of Nephrology screening programs. *American Journal of Kidney Diseases*, **2010**, 56, 915-27	7.4	51
74	An adaptive mesh refinement solver for large-scale simulation of biological flows. *International Journal for Numerical Methods in Biomedical Engineering*, **2010**, 26, 86-100	2.6	17
73	Effect of islet transplantation on metabolic glucose control in rats with diabetes. *Diabetes Technology and Therapeutics*, **2009**, 11, 805-11	8.1	2
72	Determination of cardiovascular mechanics evolution in the presence of the arteriovenous fistula. *ASAIO Journal*, **2009**, 55, 484-93	3.6	6
71	Unlike each drug alone, lisinopril if combined with avosentan promotes regression of renal lesions in experimental diabetes. *American Journal of Physiology - Renal Physiology*, **2009**, 297, F1448-56	4.3	97
70	A framework for geometric analysis of vascular structures: application to cerebral aneurysms. *IEEE Transactions on Medical Imaging*, **2009**, 28, 1141-55	11.7	193
69	Regression of diabetic complications by islet transplantation in the rat. *Diabetologia*, **2009**, 52, 2653-61	10.3	29
68	Bone marrow-derived mesenchymal stem cells improve islet graft function in diabetic rats. *Transplantation Proceedings*, **2009**, 41, 1797-800	1.1	113
67	Developing regulatory-compliant electronic case report forms for clinical trials: experience with the demand trial. *Journal of the American Medical Informatics Association: JAMIA*, **2009**, 16, 404-8	8.6	31
66	Podocyte repopulation contributes to regression of glomerular injury induced by ACE inhibition. *American Journal of Pathology*, **2009**, 174, 797-807	5.8	85

65	Effect of micro- and macroencapsulation on oxygen consumption by pancreatic islets. *Cell Transplantation*, **2009**, 18, 195-201	4	34
64	Decision time for pancreatic islet-cell transplantation. *Lancet, The*, **2008**, 371, 883-4	40	23
63	Cell transplantation for diabetes therapy Authors reply. *Lancet, The*, **2008**, 372, 29-30	40	5
62	Islet transplantation: need for a time-out?. *Nature Clinical Practice Nephrology*, **2008**, 4, 660-1		5
61	An image-based modeling framework for patient-specific computational hemodynamics. *Medical and Biological Engineering and Computing*, **2008**, 46, 1097-112	3.1	479
60	Rotating versus perfusion bioreactor for the culture of engineered vascular constructs based on hyaluronic acid. *Biotechnology and Bioengineering*, **2008**, 100, 988-97	4.9	23
59	Human bone marrow mesenchymal stem cells accelerate recovery of acute renal injury and prolong survival in mice. *Stem Cells*, **2008**, 26, 2075-82	5.8	326
58	Effects of rosuvastatin on glomerular capillary size-selectivity function in rats with renal mass ablation. *American Journal of Nephrology*, **2007**, 27, 630-8	4.6	11
57	Biocompatibility and function of microencapsulated pancreatic islets. *Acta Biomaterialia*, **2006**, 2, 221-7	10.8	43
56	Computed tomography evaluation of autosomal dominant polycystic kidney disease progression: a progress report. *Clinical Journal of the American Society of Nephrology: CJASN*, **2006**, 1, 754-60	6.9	28
55	Potential protective effects of telmisartan on renal function deterioration. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2006**, 7, 185-91	3	11
54	Mechanisms of progression and regression of renal lesions of chronic nephropathies and diabetes. *Journal of Clinical Investigation*, **2006**, 116, 288-96	15.9	418
53	Pathophysiologic implications of reduced podocyte number in a rat model of progressive glomerular injury. *American Journal of Pathology*, **2006**, 168, 42-54	5.8	116
52	Permselective dysfunction of podocyte-podocyte contact upon angiotensin II unravels the molecular target for renoprotective intervention. *American Journal of Pathology*, **2006**, 168, 1073-85	5.8	74
51	Blood pressure and cholesterol levels in an Italian outpatient cohort of type 2 diabetic patients: comparison with the general population. *Nutrition, Metabolism and Cardiovascular Diseases*, **2006**, 16, e1-3	4.5	
50	Vascular tissue engineering. *Cell Transplantation*, **2006**, 15 Suppl 1, S119-25	4	17
49	ACE inhibition reduces glomerulosclerosis and regenerates glomerular tissue in a model of progressive renal disease. *Kidney International*, **2006**, 69, 1124-30	9.9	86
48	The effect of sodium ascorbate on the mechanical properties of hyaluronan-based vascular constructs. *Biomaterials*, **2006**, 27, 623-30	15.6	25

47	Subcutaneous xenotransplantation of bovine pancreatic islets. *Biomaterials*, **2005**, 26, 5640-7	15.6	22
46	Safety and efficacy of long-acting somatostatin treatment in autosomal-dominant polycystic kidney disease. *Kidney International*, **2005**, 68, 206-16	9.9	189
45	Vascular smooth muscle cells on hyaluronic acid: culture and mechanical characterization of an engineered vascular construct. *Tissue Engineering*, **2004**, 10, 699-710		55
44	The effect of media perfusion on three-dimensional cultures of human chondrocytes: integration of experimental and computational approaches. *Biorheology*, **2004**, 41, 401-10	1.7	65
43	Radial artery remodeling in response to shear stress increase within arteriovenous fistula for hemodialysis access. *Endothelium: Journal of Endothelial Cell Research*, **2003**, 10, 95-102		63
42	Effects of combined ACE inhibitor and angiotensin II antagonist treatment in human chronic nephropathies. *Kidney International*, **2003**, 63, 1094-103	9.9	140
41	Computational geometry for patient-specific reconstruction and meshing of blood vessels from MR and CT angiography. *IEEE Transactions on Medical Imaging*, **2003**, 22, 674-84	11.7	127
40	Radial artery wall shear stress evaluation in patients with arteriovenous fistula for hemodialysis access. *Biorheology*, **2003**, 40, 423-30	1.7	43
39	Effect of angiotensin II antagonism on the regression of kidney disease in the rat. *Kidney International*, **2002**, 62, 885-94	9.9	64
38	Effect of high dose ramipril with or without indomethacin on glomerular selectivity. *Kidney International*, **2002**, 62, 1010-9	9.9	20
37	Geometric reconstruction for computational mesh generation of arterial bifurcations from CT angiography. *Computerized Medical Imaging and Graphics*, **2002**, 26, 227-35	7.6	57
36	Mechanobiology of engineered cartilage cultured under a quantified fluid-dynamic environment. *Biomechanics and Modeling in Mechanobiology*, **2002**, 1, 69-82	3.8	83
35	The response of endothelial cells to fluid shear stress using a co-culture model of the arterial wall. *Endothelium: Journal of Endothelial Cell Research*, **2002**, 9, 11-23		56
34	Verotoxin-1-induced up-regulation of adhesive molecules renders microvascular endothelial cells thrombogenic at high shear stress. *Blood*, **2001**, 98, 1828-35	2.2	81
33	Post-transplant renal artery stenosis: the hemodynamic response to revascularization. *Kidney International*, **2001**, 60, 309-18	9.9	25
32	Computational fluid dynamics of a vascular access case for hemodialysis. *Journal of Biomechanical Engineering*, **2001**, 123, 284-92	2.1	53
31	Automatic generation of glomerular capillary topological organization. *Microvascular Research*, **2001**, 62, 346-54	3.7	23
30	Angiotensin-converting enzyme inhibition prevents glomerular-tubule disconnection and atrophy in passive Heymann nephritis, an effect not observed with a calcium antagonist. *American Journal of Pathology*, **2001**, 159, 1743-50	5.8	39

29	Influence of donor age on bovine pancreatic islet isolation. *Transplantation*, **2000**, 70, 1032-7	1.8	12
28	Localization of cerebral arterovenous malformations using digital angiography. *Medical Physics*, **2000**, 27, 2024-30	4.4	4
27	Shear stress downregulation of platelet-derived growth factor receptor-beta and matrix metalloprotease-2 is associated with inhibition of smooth muscle cell invasion and migration. *Circulation*, **2000**, 102, 225-30	16.7	84
26	Shear stress-induced cytoskeleton rearrangement mediates NF-kappaB-dependent endothelial expression of ICAM-1. *Microvascular Research*, **2000**, 60, 182-8	3.7	25
25	ACE inhibition improves glomerular size selectivity in patients with idiopathic membranous nephropathy and persistent nephrotic syndrome. *American Journal of Kidney Diseases*, **2000**, 35, 381-91	7.4	57
24	Effect of angiotensin-converting enzyme inhibition on glomerular basement membrane permeability and distribution of zonula occludens-1 in MWF rats. *Journal of the American Society of Nephrology: JASN*, **2000**, 11, 477-489	12.7	89
23	ACE inhibition and ANG II receptor blockade improve glomerular size-selectivity in IgA nephropathy. *American Journal of Physiology - Renal Physiology*, **1999**, 276, F457-66	4.3	19
22	Glomerular size-selective dysfunction in NIDDM is not ameliorated by ACE inhibition or by calcium channel blockade. *Kidney International*, **1999**, 55, 984-94	9.9	44
21	ACE inhibition induces regression of proteinuria and halts progression of renal damage in a genetic model of progressive nephropathy. *American Journal of Kidney Diseases*, **1999**, 34, 626-32	7.4	54
20	Identification of a novel gene--SSK1--in human endothelial cells exposed to shear stress. *Biochemical and Biophysical Research Communications*, **1998**, 246, 881-7	3.4	6
19	Prevention of renal injury in diabetic MWF rats by angiotensin II antagonism. *Nephron Experimental Nephrology*, **1998**, 6, 28-38		34
18	Numerical analysis of viscous flow through fibrous media: a model for glomerular basement membrane permeability. *American Journal of Physiology - Renal Physiology*, **1998**, 274, F223-31	4.3	4
17	Direct podocyte damage in the single nephron leads to albuminuria in vivo. *Kidney International*, **1995**, 47, 1078-86	9.9	32
16	ACE inhibition prevents renal failure and death in uninephrectomized MWF/Ztm rats. *Kidney International*, **1995**, 47, 1319-26	9.9	19
15	Three-dimensional analysis of glomerular morphology in patients with subtotal nephrectomy. *Kidney International*, **1995**, 48, 155-62	9.9	45
14	Numerical analysis of blood flow in reconstructed glomerular capillary segments. *Microvascular Research*, **1995**, 49, 1-11	3.7	11
13	Mathematical description of transport of water and macromolecules through the glomerular capillary wall. *Current Opinion in Nephrology and Hypertension*, **1995**, 4, 343-8	3.5	3
12	Nitric oxide synthesis by cultured endothelial cells is modulated by flow conditions. *Circulation Research*, **1995**, 76, 536-43	15.7	371

11	Cytokines and cell adhesion molecules in tumor-endothelial cell interaction and metastasis. *Cell Adhesion and Communication*, **1994**, 2, 219-24		14
10	Glomerular perm-selective function. *Kidney International*, **1994**, 45, 398-402	9.9	22
9	Renal protective effect of angiotensin-converting enzyme inhibition in aging rats. *American Journal of Medicine*, **1992**, 92, 60S-63S	2.4	22
8	Angiotensin converting enzyme inhibition improves glomerular size-selectivity in IgA nephropathy. *Kidney International*, **1991**, 39, 1267-73	9.9	97
7	Nature and extent of glomerular injury induced by cyclosporine in heart transplant patients. *Kidney International*, **1991**, 40, 243-50	9.9	96
6	Renoprotective effect of low iron diet and its consequence on glomerular hemodynamics. *Kidney International*, **1991**, 39, 647-52	9.9	32
5	Three-dimensional morphometric analysis of segmental glomerulosclerosis in the rat. *Kidney International*, **1990**, 38, 851-6	9.9	26
4	Sex related differences in glomerular ultrafiltration and proteinuria in Munich-Wistar rats. *Kidney International*, **1988**, 34, 481-6	9.9	101
3	Theoretical effects of a distribution of capillary dimensions on glomerular ultrafiltration. *Microvascular Research*, **1986**, 32, 131-44	3.7	4
2	Low-protein diet prevents glomerular damage in adriamycin-treated rats. *Kidney International*, **1985**, 28, 21-7	9.9	42
1	Orientation of endothelial cells in shear fields in vitro. *Biorheology*, **1984**, 21, 617-30	1.7	122