

Bogdan Ene-Iordache

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

4,388

citations

30

h-index

62

g-index

62

ext. papers

5,054

ext. citations

8.4

avg, IF

4.8

L-index

#	Paper	IF	Citations
58	Preventing microalbuminuria in type 2 diabetes. <i>New England Journal of Medicine</i> , 2004 , 351, 1941-51	59.2	790
57	An image-based modeling framework for patient-specific computational hemodynamics. <i>Medical and Biological Engineering and Computing</i> , 2008 , 46, 1097-112	3.1	479
56	Blood-pressure control for renoprotection in patients with non-diabetic chronic renal disease (REIN-2): multicentre, randomised controlled trial. <i>Lancet, The</i> , 2005 , 365, 939-46	40	471
55	Chronic kidney disease and cardiovascular risk in six regions of the world (ISN-KDDC): a cross-sectional study. <i>The Lancet Global Health</i> , 2016 , 4, e307-19	13.6	195
54	Safety and efficacy of long-acting somatostatin treatment in autosomal-dominant polycystic kidney disease. <i>Kidney International</i> , 2005 , 68, 206-16	9.9	189
53	Effect of longacting somatostatin analogue on kidney and cyst growth in autosomal dominant polycystic kidney disease (ALADIN): a randomised, placebo-controlled, multicentre trial. <i>Lancet, The</i> , 2013 , 382, 1485-95	40	180
52	Rituximab in steroid-dependent or frequently relapsing idiopathic nephrotic syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 850-63	12.7	147
51	Mycophenolate mofetil versus azathioprine for prevention of acute rejection in renal transplantation (MYSS): a randomised trial. <i>Lancet, The</i> , 2004 , 364, 503-12	40	136
50	Sirolimus therapy to halt the progression of ADPKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 1031-40	12.7	127
49	Computational geometry for patient-specific reconstruction and meshing of blood vessels from MR and CT angiography. <i>IEEE Transactions on Medical Imaging</i> , 2003 , 22, 674-84	11.7	127
48	Disturbed flow in radial-cephalic arteriovenous fistulae for haemodialysis: low and oscillating shear stress locates the sites of stenosis. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 358-68	4.3	112
47	Mycophenolate mofetil versus azathioprine for prevention of chronic allograft dysfunction in renal transplantation: the MYSS follow-up randomized, controlled clinical trial. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 1973-85	12.7	85
46	Effect of anastomosis angle on the localization of disturbed flow in side-to-end fistulae for haemodialysis access. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 997-1005	4.3	80
45	Effects of manidipine and delapril in hypertensive patients with type 2 diabetes mellitus: the delapril and manidipine for nephroprotection in diabetes (DEMAND) randomized clinical trial. <i>Hypertension</i> , 2011 , 58, 776-83	8.5	75
44	Measurable urinary albumin predicts cardiovascular risk among normoalbuminuric patients with type 2 diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1717-24	12.7	65
43	Radial artery remodeling in response to shear stress increase within arteriovenous fistula for hemodialysis access. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2003 , 10, 95-102		63
42	Geometric reconstruction for computational mesh generation of arterial bifurcations from CT angiography. <i>Computerized Medical Imaging and Graphics</i> , 2002 , 26, 227-35	7.6	57

41	Novel paradigms for dialysis vascular access: upstream hemodynamics and vascular remodeling in dialysis access stenosis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 2186-93	6.9	54
40	Impact of blood pressure control and angiotensin-converting enzyme inhibitor therapy on new-onset microalbuminuria in type 2 diabetes: a post hoc analysis of the BENEDICT trial. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 3472-81	12.7	54
39	Effects of verapamil added-on trandolapril therapy in hypertensive type 2 diabetes patients with microalbuminuria: the BENEDICT-B randomized trial. <i>Journal of Hypertension</i> , 2011 , 29, 207-16	1.9	53
38	Computational fluid dynamics of a vascular access case for hemodialysis. <i>Journal of Biomechanical Engineering</i> , 2001 , 123, 284-92	2.1	53
37	Validation of a patient-specific hemodynamic computational model for surgical planning of vascular access in hemodialysis patients. <i>Kidney International</i> , 2013 , 84, 1237-45	9.9	52
36	Burden of CKD, proteinuria, and cardiovascular risk among Chinese, Mongolian, and Nepalese participants in the International Society of Nephrology screening programs. <i>American Journal of Kidney Diseases</i> , 2010 , 56, 915-27	7.4	51
35	Radial artery wall shear stress evaluation in patients with arteriovenous fistula for hemodialysis access. <i>Biorheology</i> , 2003 , 40, 423-30	1.7	43
34	Geometry of the internal carotid artery and recurrent patterns in location, orientation, and rupture status of lateral aneurysms: an image-based computational study. <i>Neurosurgery</i> , 2011 , 68, 1270-85; discussion 1285	3.2	40
33	Measuring and estimating GFR and treatment effect in ADPKD patients: results and implications of a longitudinal cohort study. <i>PLoS ONE</i> , 2012 , 7, e32533	3.7	39
32	Transitional Flow in the Venous Side of Patient-Specific Arteriovenous Fistulae for Hemodialysis. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 2388-2401	4.7	38
31	Long-term Effects of Octreotide on Liver Volume in Patients With Polycystic Kidney and Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2016 , 14, 1022-1030.e4	6.9	33
30	Effects of add-on fluvastatin therapy in patients with chronic proteinuric nephropathy on dual renin-angiotensin system blockade: the ESPLANADE trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 1928-38	6.9	31
29	Developing regulatory-compliant electronic case report forms for clinical trials: experience with the demand trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009 , 16, 404-8	8.6	31
28	Disturbed flow in a patient-specific arteriovenous fistula for hemodialysis: Multidirectional and reciprocating near-wall flow patterns. <i>Journal of Biomechanics</i> , 2015 , 48, 2195-200	2.9	30
27	Preventing left ventricular hypertrophy by ACE inhibition in hypertensive patients with type 2 diabetes: a prespecified analysis of the Bergamo Nephrologic Diabetes Complications Trial (BENEDICT). <i>Diabetes Care</i> , 2008 , 31, 1629-34	14.6	30
26	Preventing renal and cardiovascular risk by renal function assessment: insights from a cross-sectional study in low-income countries and the USA. <i>BMJ Open</i> , 2012 , 2,	3	29
25	Computed tomography evaluation of autosomal dominant polycystic kidney disease progression: a progress report. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2006 , 1, 754-60	6.9	28
24	Endothelial cell activation by hemodynamic shear stress derived from arteriovenous fistula for hemodialysis access. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H49-59 ^{5.2}	5.2	25

23	Impact of the PPAR-gamma2 Pro12Ala polymorphism and ACE inhibitor therapy on new-onset microalbuminuria in type 2 diabetes: evidence from BENEDICT. <i>Diabetes</i> , 2009 , 58, 2920-9	0.9	25
22	Effects of combined ezetimibe and simvastatin therapy as compared with simvastatin alone in patients with type 2 diabetes: a prospective randomized double-blind clinical trial. <i>Diabetes Care</i> , 2010 , 33, 1954-6	14.6	24
21	Automatic generation of glomerular capillary topological organization. <i>Microvascular Research</i> , 2001 , 62, 346-54	3.7	23
20	Clinical study protocol for the ARCH project - computational modeling for improvement of outcome after vascular access creation. <i>Journal of Vascular Access</i> , 2011 , 12, 369-76	1.8	22
19	Cerebrovascular reactivity and autonomic drive following traumatic brain injury. <i>Acta Neurochirurgica Supplementum</i> , 2008 , 102, 3-7	1.7	22
18	Moderate salt restriction with or without paricalcitol in type 2 diabetes and losartan-resistant macroalbuminuria (PROCEED): a randomised, double-blind, placebo-controlled, crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 27-40	18.1	20
17	Renal and metabolic effects of insulin lispro in type 2 diabetic subjects with overt nephropathy. <i>Diabetes Care</i> , 2003 , 26, 502-9	14.6	20
16	Design of a cone-and-plate device for controlled realistic shear stress stimulation on endothelial cell monolayers. <i>Cytotechnology</i> , 2016 , 68, 1885-96	2.2	19
15	Blood Flow in Idealized Vascular Access for Hemodialysis: A Review of Computational Studies. <i>Cardiovascular Engineering and Technology</i> , 2017 , 8, 295-312	2.2	17
14	An adaptive mesh refinement solver for large-scale simulation of biological flows. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2010 , 26, 86-100	2.6	17
13	Effect of trandolapril on regression of retinopathy in hypertensive patients with type 2 diabetes: a prespecified analysis of the benedict trial. <i>Journal of Ophthalmology</i> , 2010 , 2010, 106384	2	14
12	The Remission Clinic approach to halt the progression of kidney disease. <i>Journal of Nephrology</i> , 2011 , 24, 274-81	4.8	13
11	Numerical analysis of blood flow in reconstructed glomerular capillary segments. <i>Microvascular Research</i> , 1995 , 49, 1-11	3.7	11
10	High-Resolution Computational Fluid Dynamic Simulation of Haemodialysis Cannulation in a Patient-Specific Arteriovenous Fistula. <i>Journal of Biomechanical Engineering</i> , 2018 , 140,	2.1	10
9	Prevalence of hypertension and diabetes and coexistence of chronic kidney disease and cardiovascular risk in the population of the republic of moldova. <i>International Journal of Hypertension</i> , 2012 , 2012, 951734	2.4	10
8	Toward longitudinal studies of hemodynamically induced vessel wall remodeling. <i>International Journal of Artificial Organs</i> , 2018 , 41, 714-722	1.9	9
7	Blood cyclosporine level soon after kidney transplantation is a major determinant of rejection: insights from the Mycophenolate Steroid-Sparing Trial. <i>Transplantation Proceedings</i> , 2005 , 37, 2037-40	1.1	8
6	Hypertension and kidney function in an adult population of West Bengal, India: role of body weight, waist circumference, proteinuria and rural area living. <i>Nephrology</i> , 2013 , 18, 798-807	2.2	5

5	Role of ultrastructural determinants of glomerular permeability in ultrafiltration function loss. <i>JCI Insight</i> , 2020 , 5,	9.9	4
4	Effect of hemodynamic conditions on arteriovenous fistula for hemodialysis access. <i>Contributions To Nephrology</i> , 2002 , 137, 54-9	1.6	2
3	Capillary network structure does not affect theoretical analysis of glomerular size selectivity. <i>American Journal of Physiology - Renal Physiology</i> , 1995 , 268, F972-9	4.3	1
2	Blood pressure and cholesterol levels in an Italian outpatient cohort of type 2 diabetic patients: comparison with the general population. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006 , 16, e1-3	4.5	
1	Characterization of the Microflow Through 3D Synthetic Niche Microenvironments Hosted in a Millifluidic Bioreactor.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 799594	5.8	