

# Bogdan Ene-Iordache

## List of Publications by Year in Descending Order

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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	Characterization of the Microflow Through 3D Synthetic Niche Microenvironments Hosted in a Millifluidic Bioreactor.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 799594	5.8	
57	Role of ultrastructural determinants of glomerular permeability in ultrafiltration function loss. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	4
56	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> , <b>2018</b> , 6, 27-40	18.1	20
55	High-Resolution Computational Fluid Dynamic Simulation of Haemodialysis Cannulation in a Patient-Specific Arteriovenous Fistula. <i>Journal of Biomechanical Engineering</i> , <b>2018</b> , 140,	2.1	10
54	Toward longitudinal studies of hemodynamically induced vessel wall remodeling. <i>International Journal of Artificial Organs</i> , <b>2018</b> , 41, 714-722	1.9	9
53	Blood Flow in Idealized Vascular Access for Hemodialysis: A Review of Computational Studies. <i>Cardiovascular Engineering and Technology</i> , <b>2017</b> , 8, 295-312	2.2	17
52	Design of a cone-and-plate device for controlled realistic shear stress stimulation on endothelial cell monolayers. <i>Cytotechnology</i> , <b>2016</b> , 68, 1885-96	2.2	19
51	Endothelial cell activation by hemodynamic shear stress derived from arteriovenous fistula for hemodialysis access. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 310, H49-59 <sup>5.2</sup>		25
50	Long-term Effects of Octreotide on Liver Volume in Patients With Polycystic Kidney and Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2016</b> , 14, 1022-1030.e4	6.9	33
49	Transitional Flow in the Venous Side of Patient-Specific Arteriovenous Fistulae for Hemodialysis. <i>Annals of Biomedical Engineering</i> , <b>2016</b> , 44, 2388-2401	4.7	38
48	Chronic kidney disease and cardiovascular risk in six regions of the world (ISN-KDDC): a cross-sectional study. <i>The Lancet Global Health</i> , <b>2016</b> , 4, e307-19	13.6	195
47	Disturbed flow in a patient-specific arteriovenous fistula for hemodialysis: Multidirectional and reciprocating near-wall flow patterns. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 2195-200	2.9	30
46	Rituximab in steroid-dependent or frequently relapsing idiopathic nephrotic syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 850-63	12.7	147
45	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> , <b>2013</b> , 382, 1485-95	4.0	180
44	Effect of anastomosis angle on the localization of disturbed flow in side-to-end fistulae for haemodialysis access. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 997-1005	4.3	80
43	Validation of a patient-specific hemodynamic computational model for surgical planning of vascular access in hemodialysis patients. <i>Kidney International</i> , <b>2013</b> , 84, 1237-45	9.9	52
42	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> , <b>2013</b> , 8, 2186-93	6.9	54

41	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> , <b>2013</b> , 18, 798-807	2.2	5
40	Measurable urinary albumin predicts cardiovascular risk among normoalbuminuric patients with type 2 diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 1717-24	12.7	65
39	Measuring and estimating GFR and treatment effect in ADPKD patients: results and implications of a longitudinal cohort study. <i>PLoS ONE</i> , <b>2012</b> , 7, e32533	3.7	39
38	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> , <b>2012</b> , 2012, 951734	2.4	10
37	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> , <b>2012</b> , 2,	3	29
36	Disturbed flow in radial-cephalic arteriovenous fistulae for haemodialysis: low and oscillating shear stress locates the sites of stenosis. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 358-68	4.3	112
35	Clinical study protocol for the ARCH project - computational modeling for improvement of outcome after vascular access creation. <i>Journal of Vascular Access</i> , <b>2011</b> , 12, 369-76	1.8	22
34	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> , <b>2011</b> , 29, 207-16	1.9	53
33	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> , <b>2011</b> , 68, 1270-85; discussion 1285	3.2	40
32	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> , <b>2011</b> , 58, 776-83	8.5	75
31	The Remission Clinic approach to halt the progression of kidney disease. <i>Journal of Nephrology</i> , <b>2011</b> , 24, 274-81	4.8	13
30	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> , <b>2010</b> , 2010, 106384	2	14
29	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> , <b>2010</b> , 5, 1928-38	6.9	31
28	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> , <b>2010</b> , 33, 1954-6	14.6	24
27	Sirolimus therapy to halt the progression of ADPKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2010</b> , 21, 1031-40	12.7	127
26	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> , <b>2010</b> , 56, 915-27	7.4	51
25	An adaptive mesh refinement solver for large-scale simulation of biological flows. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , <b>2010</b> , 26, 86-100	2.6	17
24	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> , <b>2009</b> , 58, 2920-9	0.9	25

23	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> , <b>2009</b> , 16, 404-8	8.6	31
22	Cerebrovascular reactivity and autonomic drive following traumatic brain injury. <i>Acta Neurochirurgica Supplementum</i> , <b>2008</b> , 102, 3-7	1.7	22
21	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> , <b>2008</b> , 31, 1629-34	14.6	30
20	An image-based modeling framework for patient-specific computational hemodynamics. <i>Medical and Biological Engineering and Computing</i> , <b>2008</b> , 46, 1097-112	3.1	479
19	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> , <b>2007</b> , 18, 1973-85	12.7	85
18	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> , <b>2006</b> , 17, 3472-81	12.7	54
17	Computed tomography evaluation of autosomal dominant polycystic kidney disease progression: a progress report. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2006</b> , 1, 754-60	6.9	28
16	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> , <b>2006</b> , 16, e1-3	4.5	
15	Blood-pressure control for renoprotection in patients with non-diabetic chronic renal disease (REIN-2): multicentre, randomised controlled trial. <i>Lancet, The</i> , <b>2005</b> , 365, 939-46	40	471
14	Blood cyclosporine level soon after kidney transplantation is a major determinant of rejection: insights from the Mycophenolate Steroid-Sparing Trial. <i>Transplantation Proceedings</i> , <b>2005</b> , 37, 2037-40	1.1	8
13	Safety and efficacy of long-acting somatostatin treatment in autosomal-dominant polycystic kidney disease. <i>Kidney International</i> , <b>2005</b> , 68, 206-16	9.9	189
12	Preventing microalbuminuria in type 2 diabetes. <i>New England Journal of Medicine</i> , <b>2004</b> , 351, 1941-51	59.2	790
11	Mycophenolate mofetil versus azathioprine for prevention of acute rejection in renal transplantation (MYSS): a randomised trial. <i>Lancet, The</i> , <b>2004</b> , 364, 503-12	40	136
10	Renal and metabolic effects of insulin lispro in type 2 diabetic subjects with overt nephropathy. <i>Diabetes Care</i> , <b>2003</b> , 26, 502-9	14.6	20
9	Radial artery remodeling in response to shear stress increase within arteriovenous fistula for hemodialysis access. <i>Endothelium: Journal of Endothelial Cell Research</i> , <b>2003</b> , 10, 95-102		63
8	Computational geometry for patient-specific reconstruction and meshing of blood vessels from MR and CT angiography. <i>IEEE Transactions on Medical Imaging</i> , <b>2003</b> , 22, 674-84	11.7	127
7	Radial artery wall shear stress evaluation in patients with arteriovenous fistula for hemodialysis access. <i>Biorheology</i> , <b>2003</b> , 40, 423-30	1.7	43
6	Effect of hemodynamic conditions on arteriovenous fistula for hemodialysis access. <i>Contributions To Nephrology</i> , <b>2002</b> , 137, 54-9	1.6	2

5	Geometric reconstruction for computational mesh generation of arterial bifurcations from CT angiography. <i>Computerized Medical Imaging and Graphics</i> , <b>2002</b> , 26, 227-35	7.6	57
4	Computational fluid dynamics of a vascular access case for hemodialysis. <i>Journal of Biomechanical Engineering</i> , <b>2001</b> , 123, 284-92	2.1	53
3	Automatic generation of glomerular capillary topological organization. <i>Microvascular Research</i> , <b>2001</b> , 62, 346-54	3.7	23
2	Capillary network structure does not affect theoretical analysis of glomerular size selectivity. <i>American Journal of Physiology - Renal Physiology</i> , <b>1995</b> , 268, F972-9	4.3	1
1	Numerical analysis of blood flow in reconstructed glomerular capillary segments. <i>Microvascular Research</i> , <b>1995</b> , 49, 1-11	3.7	11