

# Bogdan Ene-Iordache

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4316558/publications.pdf>

Version: 2024-02-01

59  
papers

5,540  
citations

126858

33  
h-index

155592

55  
g-index

62  
all docs

62  
docs citations

62  
times ranked

6506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preventing Microalbuminuria in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2004, 351, 1941-1951.	13.9	952
2	An image-based modeling framework for patient-specific computational hemodynamics. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 1097-112.	1.6	621
3	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, 939-946.	6.3	594
4	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-e319.	2.9	350
5	Safety and efficacy of long-acting somatostatin treatment in autosomal-dominant polycystic kidney disease. <i>Kidney International</i> , 2005, 68, 206-216.	2.6	239
6	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, 1485-1495.	6.3	218
7	Rituximab in Steroid-Dependent or Frequently Relapsing Idiopathic Nephrotic Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 850-863.	3.0	199
8	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, 674-684.	5.4	157
9	Sirolimus Therapy to Halt the Progression of ADPKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1031-1040.	3.0	157
10	Mycophenolate mofetil versus azathioprine for prevention of acute rejection in renal transplantation (MYSS): a randomised trial. <i>Lancet, The</i> , 2004, 364, 503-512.	6.3	155
11	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, 358-368.	0.4	138
12	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, 1973-1985.	3.0	102
13	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.	0.4	97
14	Effects of Manidipine and Delapril in Hypertensive Patients With Type 2 Diabetes Mellitus. <i>Hypertension</i> , 2011, 58, 776-783.	1.3	86
15	Geometric reconstruction for computational mesh generation of arterial bifurcations from CT angiography. <i>Computerized Medical Imaging and Graphics</i> , 2002, 26, 227-235.	3.5	81
16	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, 1717-1724.	3.0	80
17	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.	1.7	70
18	Novel Paradigms for Dialysis Vascular Access. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 2186-2193.	2.2	69

#	ARTICLE	IF	CITATIONS
19	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, 3472-3481.	3.0	67
20	Validation of a patient-specific hemodynamic computational model for surgical planning of vascular access in hemodialysis patients. <i>Kidney International</i> , 2013, 84, 1237-1245.	2.6	67
21	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, 207-216.	0.3	62
22	Computational Fluid Dynamics of a Vascular Access Case for Hemodialysis. <i>Journal of Biomechanical Engineering</i> , 2001, 123, 284-292.	0.6	58
23	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, 915-927.	2.1	58
24	Transitional Flow in the Venous Side of Patient-Specific Arteriovenous Fistulae for Hemodialysis. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2388-2401.	1.3	53
25	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.	1.1	46
26	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.	2.4	45
27	Radial artery wall shear stress evaluation in patients with arteriovenous fistula for hemodialysis access. <i>Biorheology</i> , 2003, 40, 423-30.	1.2	45
28	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, 1270-1285.	0.6	43
29	Disturbed flow in a patient-specific arteriovenous fistula for hemodialysis: Multidirectional and reciprocating near-wall flow patterns. <i>Journal of Biomechanics</i> , 2015, 48, 2195-2200.	0.9	39
30	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, 404-408.	2.2	38
31	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, 754-760.	2.2	37
32	Effects of Add-on Fluvastatin Therapy in Patients with Chronic Proteinuric Nephropathy on Dual Renin-Angiotensin System Blockade. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1928-1938.	2.2	37
33	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-H59.	1.5	35
34	Cerebrovascular reactivity and autonomic drive following traumatic brain injury. <i>Acta Neurochirurgica Supplementum</i> , 2008, 102, 3-7.	0.5	33
35	Preventing Left Ventricular Hypertrophy by ACE Inhibition in Hypertensive Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2008, 31, 1629-1634.	4.3	33
36	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, bmjopen-2012-001357.	0.8	32

#	ARTICLE	IF	CITATIONS
37	Impact of the PPAR- $\gamma$ 2Pro12Ala Polymorphism and ACE Inhibitor Therapy on New-Onset Microalbuminuria in Type 2 Diabetes: Evidence From BENEDICT. <i>Diabetes</i> , 2009, 58, 2920-2929.	0.3	29
38	Effects of Combined Ezetimibe and Simvastatin Therapy as Compared With Simvastatin Alone in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2010, 33, 1954-1956.	4.3	29
39	Design of a cone-and-plate device for controlled realistic shear stress stimulation on endothelial cell monolayers. <i>Cytotechnology</i> , 2016, 68, 1885-1896.	0.7	28
40	Blood Flow in Idealized Vascular Access for Hemodialysis: A Review of Computational Studies. <i>Cardiovascular Engineering and Technology</i> , 2017, 8, 295-312.	0.7	26
41	Automatic Generation of Glomerular Capillary Topological Organization. <i>Microvascular Research</i> , 2001, 62, 346-354.	1.1	24
42	Renal and Metabolic Effects of Insulin Lispro in Type 2 Diabetic Subjects With Overt Nephropathy. <i>Diabetes Care</i> , 2003, 26, 502-509.	4.3	24
43	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.	5.5	24
44	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, 369-376.	0.5	23
45	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.	1.0	22
46	High-Resolution Computational Fluid Dynamic Simulation of Haemodialysis Cannulation in a Patient-Specific Arteriovenous Fistula. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	0.6	18
47	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, 1-9.	0.6	16
48	The Remission Clinic approach to halt the progression of kidney disease. <i>Journal of Nephrology</i> , 2011, 24, 274-281.	0.9	16
49	Toward longitudinal studies of hemodynamically induced vessel wall remodeling. <i>International Journal of Artificial Organs</i> , 2018, 41, 714-722.	0.7	15
50	Numerical Analysis of Blood Flow in Reconstructed Glomerular Capillary Segments. <i>Microvascular Research</i> , 1995, 49, 1-11.	1.1	14
51	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, 1-8.	0.5	11
52	Role of ultrastructural determinants of glomerular permeability in ultrafiltration function loss. <i>JCI Insight</i> , 2020, 5, .	2.3	10
53	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, 2037-2040.	0.3	8
54	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.	0.7	6

#	ARTICLE	IF	CITATIONS
55	Capillary network structure does not affect theoretical analysis of glomerular size selectivity. American Journal of Physiology - Renal Physiology, 1995, 268, F972-F979.	1.3	2
56	Effect of Hemodynamic Conditions on Arteriovenous Fistula for Hemodialysis Access. , 2002, 137, 54-59.		2
57	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-e3.	1.1	0
58	Salty tea intake and hypertension in Mongolia. International Journal of Cardiology, 2009, 137, S54.	0.8	0
59	Characterization of the Microflow Through 3D Synthetic Niche Microenvironments Hosted in a Millifluidic Bioreactor. Frontiers in Bioengineering and Biotechnology, 2021, 9, 799594.	2.0	0