

# Danny Bluestein

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4317663/danny-bluestein-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

115  
papers

3,898  
citations

38  
h-index

58  
g-index

130  
ext. papers

4,511  
ext. citations

3.5  
avg. IF

5.47  
L-index

#	Paper	IF	Citations
115	Fluid mechanics of arterial stenosis: relationship to the development of mural thrombus. <i>Annals of Biomedical Engineering</i> , <b>1997</b> , 25, 344-56	4.7	191
114	Flow-induced platelet activation and damage accumulation in a mechanical heart valve: numerical studies. <i>Artificial Organs</i> , <b>2007</b> , 31, 677-88	2.6	157
113	Platelet activation due to hemodynamic shear stresses: damage accumulation model and comparison to in vitro measurements. <i>ASAIO Journal</i> , <b>2008</b> , 54, 64-72	3.6	149
112	Influence of microcalcifications on vulnerable plaque mechanics using FSI modeling. <i>Journal of Biomechanics</i> , <b>2008</b> , 41, 1111-8	2.9	133
111	Comparison of the hemodynamic and thrombogenic performance of two bileaflet mechanical heart valves using a CFD/FSI model. <i>Journal of Biomechanical Engineering</i> , <b>2007</b> , 129, 558-65	2.1	125
110	Vortex shedding as a mechanism for free emboli formation in mechanical heart valves. <i>Journal of Biomechanical Engineering</i> , <b>2000</b> , 122, 125-34	2.1	121
109	High-shear stress sensitizes platelets to subsequent low-shear conditions. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 1442-50	4.7	103
108	Platelet activation in a circulating flow loop: combined effects of shear stress and exposure time. <i>Platelets</i> , <b>2003</b> , 14, 143-9	3.6	95
107	Abdominal aortic aneurysm risk of rupture: patient-specific FSI simulations using anisotropic model. <i>Journal of Biomechanical Engineering</i> , <b>2009</b> , 131, 031001	2.1	93
106	Acetylated prothrombin as a substrate in the measurement of the procoagulant activity of platelets: elimination of the feedback activation of platelets by thrombin. <i>Analytical Biochemistry</i> , <b>1999</b> , 272, 64-70	3.1	89
105	Device Thrombogenicity Emulator (DTE)--design optimization methodology for cardiovascular devices: a study in two bileaflet MHV designs. <i>Journal of Biomechanics</i> , <b>2010</b> , 43, 2400-9	2.9	85
104	Flow-induced platelet activation in bileaflet and monoleaflet mechanical heart valves. <i>Annals of Biomedical Engineering</i> , <b>2004</b> , 32, 1058-66	4.7	85
103	Vortex shedding in steady flow through a model of an arterial stenosis and its relevance to mural platelet deposition. <i>Annals of Biomedical Engineering</i> , <b>1999</b> , 27, 763-73	4.7	81
102	Evaluation of shear-induced platelet activation models under constant and dynamic shear stress loading conditions relevant to devices. <i>Annals of Biomedical Engineering</i> , <b>2013</b> , 41, 1279-96	4.7	76
101	Device thrombogenicity emulation: a novel method for optimizing mechanical circulatory support device thromboresistance. <i>PLoS ONE</i> , <b>2012</b> , 7, e32463	3.7	72
100	Dynamics of blood flow and platelet transport in pathological vessels. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1015, 351-66	6.5	67
99	Research approaches for studying flow-induced thromboembolic complications in blood recirculating devices. <i>Expert Review of Medical Devices</i> , <b>2004</b> , 1, 65-80	3.5	67

98	Thromboresistance comparison of the HeartMate II ventricular assist device with the device thrombogenicity emulation- optimized HeartAssist 5 VAD. <i>Journal of Biomechanical Engineering</i> , <b>2014</b> , 136, 021014	2.1	64
97	Intraluminal thrombus and risk of rupture in patient specific abdominal aortic aneurysm [FSI modelling. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2009</b> , 12, 73-81	2.1	63
96	Patient-based abdominal aortic aneurysm rupture risk prediction with fluid structure interaction modeling. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 3323-37	4.7	59
95	A squeeze flow phenomenon at the closing of a bileaflet mechanical heart valve prosthesis. <i>Journal of Biomechanics</i> , <b>1994</b> , 27, 1369-78	2.9	59
94	Blood damage safety of prosthetic heart valves. Shear-induced platelet activation and local flow dynamics: a fluid-structure interaction approach. <i>Journal of Biomechanics</i> , <b>2009</b> , 42, 1952-60	2.9	56
93	Patient-specific simulation of transcatheter aortic valve replacement: impact of deployment options on paravalvular leakage. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2019</b> , 18, 435-451	3.8	56
92	Flow-induced platelet activation in mechanical heart valves. <i>Journal of Heart Valve Disease</i> , <b>2004</b> , 13, 501-8		52
91	The Syncardia (total artificial heart: in vivo, in vitro, and computational modeling studies. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 266-75	2.9	51
90	Polymeric trileaflet prosthetic heart valves: evolution and path to clinical reality. <i>Expert Review of Medical Devices</i> , <b>2012</b> , 9, 577-94	3.5	48
89	Hemocompatibility of Poly(vinyl alcohol)-Gelatin Core-Shell Electrospun Nanofibers: A Scaffold for Modulating Platelet Deposition and Activation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 8302-12	9.5	47
88	Flow-induced platelet activation in a St. Jude mechanical heart valve, a trileaflet polymeric heart valve, and a St. Jude tissue valve. <i>Artificial Organs</i> , <b>2005</b> , 29, 826-31	2.6	47
87	Multiscale Particle-Based Modeling of Flowing Platelets in Blood Plasma Using Dissipative Particle Dynamics and Coarse Grained Molecular Dynamics. <i>Cellular and Molecular Bioengineering</i> , <b>2014</b> , 7, 552-574	3.9	44
86	Microcalcifications increase coronary vulnerable plaque rupture potential: a patient-based micro-CT fluid-structure interaction study. <i>Annals of Biomedical Engineering</i> , <b>2012</b> , 40, 1443-54	4.7	44
85	Shear-mediated platelet activation in the free flow: Perspectives on the emerging spectrum of cell mechanobiological mechanisms mediating cardiovascular implant thrombosis. <i>Journal of Biomechanics</i> , <b>2017</b> , 50, 20-25	2.9	42
84	Thrombus formation patterns in the HeartMate II ventricular assist device: clinical observations can be predicted by numerical simulations. <i>ASAIO Journal</i> , <b>2014</b> , 60, 237-40	3.6	42
83	In vitro evaluation of a novel hemodynamically optimized trileaflet polymeric prosthetic heart valve. <i>Journal of Biomechanical Engineering</i> , <b>2013</b> , 135, 021021	2.1	42
82	Design optimization of a mechanical heart valve for reducing valve thrombogenicity-A case study with ATS valve. <i>ASAIO Journal</i> , <b>2010</b> , 56, 389-96	3.6	42
81	Hemodynamic and thrombogenic analysis of a trileaflet polymeric valve using a fluid-structure interaction approach. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 3641-9	2.9	41

80	Device thrombogenicity emulation: a novel methodology for optimizing the thromboresistance of cardiovascular devices. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 338-44	2.9	41
79	A novel mathematical model of activation and sensitization of platelets subjected to dynamic stress histories. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2013</b> , 12, 1127-41	3.8	39
78	Biological effects of dynamic shear stress in cardiovascular pathologies and devices. <i>Expert Review of Medical Devices</i> , <b>2008</b> , 5, 167-81	3.5	39
77	Particle-based methods for multiscale modeling of blood flow in the circulation and in devices: challenges and future directions. Sixth International Bio-Fluid Mechanics Symposium and Workshop March 28-30, 2008 Pasadena, California. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 1225-35	4.7	37
76	Progression of abdominal aortic aneurysm towards rupture: refining clinical risk assessment using a fully coupled fluid-structure interaction method. <i>Annals of Biomedical Engineering</i> , <b>2015</b> , 43, 139-53	4.7	34
75	Thrombogenic potential of Innovia polymer valves versus Carpentier-Edwards Perimount Magna aortic bioprosthetic valves. <i>ASAIO Journal</i> , <b>2011</b> , 57, 26-31	3.6	33
74	Novel Polymeric Valve for Transcatheter Aortic Valve Replacement Applications: In Vitro Hemodynamic Study. <i>Annals of Biomedical Engineering</i> , <b>2019</b> , 47, 113-125	4.7	33
73	Toward optimization of a novel trileaflet polymeric prosthetic heart valve via device thrombogenicity emulation. <i>ASAIO Journal</i> , <b>2013</b> , 59, 275-83	3.6	31
72	The effect of angulation in abdominal aortic aneurysms: fluid-structure interaction simulations of idealized geometries. <i>Medical and Biological Engineering and Computing</i> , <b>2010</b> , 48, 1175-90	3.1	31
71	The extent of platelet activation under shear depends on platelet count: differential expression of anionic phospholipid and factor Va. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , <b>2005</b> , 34, 255-62		30
70	A Multiple Time Stepping Algorithm for Efficient Multiscale Modeling of Platelets Flowing in Blood Plasma. <i>Journal of Computational Physics</i> , <b>2015</b> , 284, 668-686	4.1	29
69	Computational evaluation of the thrombogenic potential of a hollow-fiber oxygenator with integrated heat exchanger during extracorporeal circulation. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2014</b> , 13, 349-61	3.8	28
68	A multiscale biomechanical model of platelets: Correlating with in-vitro results. <i>Journal of Biomechanics</i> , <b>2017</b> , 50, 26-33	2.9	27
67	Effect of Balloon-Expandable Transcatheter Aortic Valve Replacement Positioning: A Patient-Specific Numerical Model. <i>Artificial Organs</i> , <b>2016</b> , 40, E292-E304	2.6	27
66	Principles of TAVR valve design, modelling, and testing. <i>Expert Review of Medical Devices</i> , <b>2018</b> , 15, 771-791	3.5	27
65	High Frequency Components of Hemodynamic Shear Stress Profiles are a Major Determinant of Shear-Mediated Platelet Activation in Therapeutic Blood Recirculating Devices. <i>Scientific Reports</i> , <b>2017</b> , 7, 4994	4.9	26
64	Simulation of platelets suspension flowing through a stenosis model using a dissipative particle dynamics approach. <i>Annals of Biomedical Engineering</i> , <b>2013</b> , 41, 2318-33	4.7	25
63	Aspirin has limited ability to modulate shear-mediated platelet activation associated with elevated shear stress of ventricular assist devices. <i>Thrombosis Research</i> , <b>2016</b> , 140, 110-117	8.2	25

62	Fluid-structure interaction modeling of calcific aortic valve disease using patient-specific three-dimensional calcification scans. <i>Medical and Biological Engineering and Computing</i> , <b>2016</b> , 54, 1683-1694	3.1	24
61	Dielectrophoresis-Mediated Electrodeformation as a Means of Determining Individual Platelet Stiffness. <i>Annals of Biomedical Engineering</i> , <b>2016</b> , 44, 903-13	4.7	23
60	Lagrangian methods for blood damage estimation in cardiovascular devices--How numerical implementation affects the results. <i>Expert Review of Medical Devices</i> , <b>2016</b> , 13, 113-22	3.5	22
59	Viscous flow simulation in a stenosis model using discrete particle dynamics: a comparison between DPD and CFD. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2012</b> , 11, 119-29	3.8	22
58	Numerical evaluation of transcatheter aortic valve performance during heart beating and its post-deployment fluid-structure interaction analysis. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2020</b> , 19, 1725-1740	3.8	21
57	A phenomenological particle-based platelet model for simulating filopodia formation during early activation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , <b>2015</b> , 31, e02702	2.6	21
56	Intraluminal thrombus and risk of rupture in patient specific abdominal aortic aneurysm - FSI modelling. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2009</b> , 12, 73-81	2.1	21
55	Blood damage in Left Ventricular Assist Devices: Pump thrombosis or system thrombosis?. <i>International Journal of Artificial Organs</i> , <b>2019</b> , 42, 113-124	1.9	21
54	Repetitive Hypershear Activates and Sensitizes Platelets in a Dose-Dependent Manner. <i>Artificial Organs</i> , <b>2016</b> , 40, 586-95	2.6	20
53	Biomechanical modeling of transcatheter aortic valve replacement in a stenotic bicuspid aortic valve: deployments and paravalvular leakage. <i>Medical and Biological Engineering and Computing</i> , <b>2019</b> , 57, 2129-2143	3.1	20
52	Microfluidic emulation of mechanical circulatory support device shear-mediated platelet activation. <i>Biomedical Microdevices</i> , <b>2015</b> , 17, 117	3.7	20
51	Activation of platelets exposed to shear stress in the presence of smoke extracts of low-nicotine and zero-nicotine cigarettes: the protective effect of nicotine. <i>Nicotine and Tobacco Research</i> , <b>2004</b> , 6, 835-41	4.9	19
50	Comparative Fluid-Structure Interaction Analysis of Polymeric Transcatheter and Surgical Aortic Valves: Hemodynamics and Structural Mechanics. <i>Journal of Biomechanical Engineering</i> , <b>2018</b> ,	2.1	18
49	Platelet Activation via Shear Stress Exposure Induces a Differing Pattern of Biomarkers of Activation versus Biochemical Agonists. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 776-792	7	17
48	Comparative efficacy of in vitro and in vivo metabolized aspirin in the DeBakey ventricular assist device. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2014</b> , 37, 499-506	5.1	17
47	Development and evaluation of a novel artificial catheter-deliverable prosthetic heart valve and method for in vitro testing. <i>International Journal of Artificial Organs</i> , <b>2009</b> , 32, 262-71	1.9	17
46	Parameterizing the Morse Potential for Coarse-Grained Modeling of Blood Plasma. <i>Journal of Computational Physics</i> , <b>2014</b> , 257, 726-736	4.1	16
45	Realistic Vascular Replicator for TAVR Procedures. <i>Cardiovascular Engineering and Technology</i> , <b>2018</b> , 9, 339-350	2.2	15

44	A Multiscale Model for Recruitment Aggregation of Platelets by Correlating with Results. <i>Cellular and Molecular Bioengineering</i> , <b>2019</b> , 12, 327-343	3.9	15
43	Physical Characterization and Platelet Interactions under Shear Flows of a Novel Thermoset Polyisobutylene-based Co-polymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 22058-66	9.5	14
42	Numerical model of full-cardiac cycle hemodynamics in a total artificial heart and the effect of its size on platelet activation. <i>Journal of Cardiovascular Translational Research</i> , <b>2014</b> , 7, 788-96	3.3	14
41	Reducing the effects of compressibility in DPD-based blood flow simulations through severe stenotic microchannels. <i>Journal of Computational Physics</i> , <b>2017</b> , 335, 812-827	4.1	13
40	Microfluidic approaches for the assessment of blood cell trauma: a focus on thrombotic risk in mechanical circulatory support devices. <i>International Journal of Artificial Organs</i> , <b>2016</b> , 39, 184-93	1.9	13
39	Patient-Specific Bicuspid Aortic Valve Biomechanics: A Magnetic Resonance Imaging Integrated Fluid-Structure Interaction Approach. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 49, 627-641	4.7	13
38	Ventricular Assist Device Implantation Configurations Impact Overall Mechanical Circulatory Support System Thrombogenic Potential. <i>ASAIO Journal</i> , <b>2017</b> , 63, 285-292	3.6	12
37	Thrombogenic performance of a st. Jude bileaflet mechanical heart valve in a sheep model. <i>ASAIO Journal</i> , <b>2006</b> , 52, 28-33	3.6	11
36	Routine clinical anti-platelet agents have limited efficacy in modulating hypershear-mediated platelet activation associated with mechanical circulatory support. <i>Thrombosis Research</i> , <b>2018</b> , 163, 162-171	8.2	11
35	Imaging analysis of collagen fiber networks in cusps of porcine aortic valves: effect of their local distribution and alignment on valve functionality. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2016</b> , 19, 1002-8	2.1	10
34	Prothrombotic activity of cytokine-activated endothelial cells and shear-activated platelets in the setting of ventricular assist device support. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 658-667	5.8	9
33	Microfluidic platforms for the evaluation of anti-platelet agent efficacy under hyper-shear conditions associated with ventricular assist devices. <i>Medical Engineering and Physics</i> , <b>2017</b> , 48, 31-38	2.4	9
32	Simulation of Transcatheter Aortic Valve Replacement in patient-specific aortic roots: Effect of crimping and positioning on device performance. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 282-5	0.9	8
31	In Vitro Durability and Stability Testing of a Novel Polymeric Transcatheter Aortic Valve. <i>ASAIO Journal</i> , <b>2020</b> , 66, 190-198	3.6	8
30	Device Thrombogenicity Emulation: An In Silico Predictor of In Vitro and In Vivo Ventricular Assist Device Thrombogenicity. <i>Scientific Reports</i> , <b>2019</b> , 9, 2946	4.9	8
29	Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. <i>Platelets</i> , <b>2020</b> , 31, 68-78	3.6	8
28	Platelet Dysfunction During Mechanical Circulatory Support: Elevated Shear Stress Promotes Downregulation of P2Y <sub>1</sub> and GPIIb/IIIa via Microparticle Shedding Decreasing Platelet Aggregability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 1319-1336	9.4	7
27	Shear-mediated platelet activation in patients implanted with continuous flow LVADs: A preliminary study utilizing the platelet activity state (PAS) assay. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 1255-9	0.9	6

26	A predictive multiscale model for simulating flow-induced platelet activation: Correlating in silico results with in vitro results. <i>Journal of Biomechanics</i> , <b>2021</b> , 117, 110275	2.9	6
25	Comparative study of flow in right-sided and left-sided aortas: numerical simulations in patient-based models. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2015</b> , 18, 414-25	2.1	5
24	Original article submission: Platelet stress accumulation analysis to predict thrombogenicity of an artificial kidney. <i>Journal of Biomechanics</i> , <b>2018</b> , 69, 26-33	2.9	5
23	Scalability Test of Multiscale Fluid-Platelet Model for Three Top Supercomputers. <i>Computer Physics Communications</i> , <b>2016</b> , 204, 132-140	4.2	5
22	Artificial intelligence for accelerating time integrations in multiscale modeling. <i>Journal of Computational Physics</i> , <b>2021</b> , 427, 110053	4.1	5
21	Effect of macroscale formation of intraluminal thrombus on blood flow in abdominal aortic aneurysms. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2016</b> , 19, 84-92	2.1	4
20	Shear-mediated platelet activation in the free flow II: Evolving mechanobiological mechanisms reveal an identifiable signature of activation and a bi-directional platelet dyscrasia with thrombotic and bleeding features. <i>Journal of Biomechanics</i> , <b>2021</b> , 123, 110415	2.9	4
19	Multiscale Modeling of Flow Induced Thrombogenicity With Dissipative Particle Dynamics and Molecular Dynamics. <i>Journal of Medical Devices, Transactions of the ASME</i> , <b>2014</b> , 8, 0209541-209542	1.3	3
18	Patient-specific in vitro testing for evaluating TAVR clinical performance-A complementary approach to current ISO standard testing. <i>Artificial Organs</i> , <b>2021</b> , 45, E41-E52	2.6	3
17	The platelet hammer: In vitro platelet activation under repetitive hypershear. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 262-5	0.9	2
16	Bio-fluids educational issues: an emerging field aims to define its next generation. <i>Annals of Biomedical Engineering</i> , <b>2005</b> , 33, 1674-80	4.7	2
15	Multiscale Modeling of Blood Flow-Mediated Platelet Thrombosis <b>2020</b> , 2667-2698		2
14	Circulatory loop design and components introduce artifacts impacting in vitro evaluation of ventricular assist device thrombogenicity: A call for caution. <i>Artificial Organs</i> , <b>2020</b> , 44, E226-E237	2.6	2
13	A multiscale model for multiple platelet aggregation in shear flow. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2021</b> , 20, 1013-1030	3.8	2
12	Rapid analysis of streaming platelet images by semi-supervised learning. <i>Computerized Medical Imaging and Graphics</i> , <b>2021</b> , 89, 101895	7.6	2
11	Design Effect of Metallic (Durable) and Polymeric (Resorbable) Stents on Blood Flow and Platelet Activation. <i>Artificial Organs</i> , <b>2018</b> , 42, 1148-1156	2.6	2
10	Patient-Specific Numerical Model of Calcific Aortic Stenosis and Its Treatment by Balloon-Expandable Transcatheter Aortic Valve: Effect of Positioning on the Anchorage. <i>Lecture Notes in Bioengineering</i> , <b>2018</b> , 259-263	0.8	1
9	Multiscale Modeling of Blood Flow-Mediated Platelet Thrombosis <b>2018</b> , 1-32		1

8	Assessment of Paravalvular Leak Severity and Thrombogenic Potential in Transcatheter Bicuspid Aortic Valve Replacements Using Patient-Specific Computational Modeling. <i>Journal of Cardiovascular Translational Research</i> , <b>2021</b> , 1	3.3	1
7	Progressive Calcification in Bicuspid Valves: A Coupled Hemodynamics and Multiscale Structural Computations. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 1	4.7	1
6	In Vitro Measurements of Shear-Mediated Platelet Adhesion Kinematics as Analyzed through Machine Learning. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 1	4.7	1
5	Structural Responses of Integrated Parametric Aortic Valve in an Electro-Mechanical Full Heart Model. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 49, 441-454	4.7	1
4	Shear-Induced Platelet Activation is Sensitive to Age and Calcium Availability: A Comparison of Adult and Cord Blood. <i>Cellular and Molecular Bioengineering</i> , <b>2020</b> , 13, 575-590	3.9	0
3	Shear-Mediated Platelet Activation is Accompanied by Unique Alterations in Platelet Release of Lipids.. <i>Cellular and Molecular Bioengineering</i> , <b>2021</b> , 14, 597-612	3.9	0
2	The flow of a power-law fluid in the near-wake of a flat plate. <i>Physics of Fluids</i> , <b>2006</b> , 18, 088102	4.4	
1	The use of poly(styrene-block-isobutylene-block-styrene) and analogs for long-term implant applications <b>2021</b> , 211-235		