

# Jordan C Ciciliano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7864168/publications.pdf>

Version: 2024-02-01

19  
papers

4,072  
citations

840776

11  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

7102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stiffness based enrichment of leukemia cells using microfluidics. <i>APL Bioengineering</i> , 2020, 4, 036101.	6.2	7
2	Microvasculature-on-a-chip for the long-term study of endothelial barrier dysfunction and microvascular obstruction in disease. <i>Nature Biomedical Engineering</i> , 2018, 2, 453-463.	22.5	118
3	A microengineered vascularized bleeding model that integrates the principal components of hemostasis. <i>Nature Communications</i> , 2018, 9, 509.	12.8	70
4	Real-Time Visualization of Shear-Dependent Erythrocyte Deformation into Schistocytes Using Single Micron Microfluidics. <i>Blood</i> , 2018, 132, 1030-1030.	1.4	0
5	Extracellular fluid tonicity impacts sickle red blood cell deformability and adhesion. <i>Blood</i> , 2017, 130, 2654-2663.	1.4	47
6	Probing blood cell mechanics of hematologic processes at the single micron level. <i>Lab on A Chip</i> , 2017, 17, 3804-3816.	6.0	6
7	Single-platelet nanomechanics measured by high-throughput cytometry. <i>Nature Materials</i> , 2017, 16, 230-235.	27.5	88
8	A Microengineered Matrix to Decouple the Biophysical and Biochemical Mechanisms of Blood Cell Interactions with Thrombi and Vascular Wall Matrices. <i>Blood</i> , 2016, 128, 555-555.	1.4	1
9	Platelets and physics: How platelets “feel” and respond to their mechanical microenvironment. <i>Blood Reviews</i> , 2015, 29, 377-386.	5.7	52
10	Resolving the multifaceted mechanisms of the ferric chloride thrombosis model using an interdisciplinary microfluidic approach. <i>Blood</i> , 2015, 126, 817-824.	1.4	66
11	Commonly Used Clinical Intravenous Fluid Formulations Differentially Affect Sickle Red Blood Cell Stiffness and Transit Time. <i>Blood</i> , 2015, 126, 2164-2164.	1.4	0
12	The Platelet and the Biophysical Microenvironment: Lessons from Cellular Mechanics. <i>Thrombosis Research</i> , 2014, 133, 532-537.	1.7	10
13	Investigating Platelet Interactions in Sickle Cell Disease Using a Novel Multi-Shear “Endothelialized” Microfluidic System. <i>Blood</i> , 2014, 124, 4155-4155.	1.4	0
14	Circulating Breast Tumor Cells Exhibit Dynamic Changes in Epithelial and Mesenchymal Composition. <i>Science</i> , 2013, 339, 580-584.	12.6	2,137
15	Inertial Focusing for Tumor Antigen-Dependent and -Independent Sorting of Rare Circulating Tumor Cells. <i>Science Translational Medicine</i> , 2013, 5, 179ra47.	12.4	910
16	Biomechanics of haemostasis and thrombosis in health and disease: from the macro- to molecular scale. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 579-596.	3.6	35
17	New Insights Into The Mechanisms Of Ferric Chloride-Induced Thrombosis: a Reductionist Microfluidic Approach. <i>Blood</i> , 2013, 122, 2308-2308.	1.4	0
18	Biopolymer System for Cell Recovery from Microfluidic Cell Capture Devices. <i>Analytical Chemistry</i> , 2012, 84, 3682-3688.	6.5	86

#	ARTICLE	IF	CITATIONS
19	RNA sequencing of pancreatic circulating tumour cells implicates WNT signalling in metastasis. Nature, 2012, 487, 510-513.	27.8	439