

Erdem Kucukal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8240761/publications.pdf>

Version: 2024-02-01

16
papers

463
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Factor XII and uPAR upregulate neutrophil functions to influence wound healing. <i>Journal of Clinical Investigation</i> , 2018, 128, 944-959.	8.2	103
2	Emerging point-of-care technologies for sickle cell disease screening and monitoring. <i>Expert Review of Medical Devices</i> , 2016, 13, 1073-1093.	2.8	49
3	Microfluidic assessment of red blood cell mediated microvascular occlusion. <i>Lab on A Chip</i> , 2020, 20, 2086-2099.	6.0	46
4	Whole blood viscosity and red blood cell adhesion: Potential biomarkers for targeted and curative therapies in sickle cell disease. <i>American Journal of Hematology</i> , 2020, 95, 1246-1256.	4.1	42
5	Red blood cell adhesion to heme-activated endothelial cells reflects clinical phenotype in sickle cell disease. <i>American Journal of Hematology</i> , 2018, 93, 1050-1060.	4.1	36
6	Leukocyte adhesion to P-selectin and the inhibitory role of Crizanlizumab in sickle cell disease: A standardized microfluidic assessment. <i>Blood Cells, Molecules, and Diseases</i> , 2020, 83, 102424.	1.4	35
7	Shear dependent red blood cell adhesion in microscale flow. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 194-206.	1.3	30
8	Red blood cell adhesion to ICAM-1 is mediated by fibrinogen and is associated with right-to-left shunts in sickle cell disease. <i>Blood Advances</i> , 2020, 4, 3688-3698.	5.2	28
9	Emerging point-of-care technologies for anemia detection. <i>Lab on A Chip</i> , 2021, 21, 1843-1865.	6.0	22
10	Standardized microfluidic assessment of red blood cell-mediated microcapillary occlusion: Association with clinical phenotype and hydroxyurea responsiveness in sickle cell disease. <i>Microcirculation</i> , 2021, 28, e12662.	1.8	21
11	Point-of-care microchip electrophoresis for integrated anemia and hemoglobin variant testing. <i>Lab on A Chip</i> , 2021, 21, 3863-3875.	6.0	18
12	Priapism, hemoglobin desaturation, and red blood cell adhesion in men with sickle cell anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 79, 102350.	1.4	16
13	Mercury leads to abnormal red blood cell adhesion to laminin mediated by membrane sulfatides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1162-1171.	2.6	12
14	<scp>Antithrombin</scp> mitigates thrombin-mediated endothelial cell contraction and sickle red blood cell adhesion in microscale flow. <i>British Journal of Haematology</i> , 2022, 198, 893-902.	2.5	3
15	A Miniaturized Microfluidic Dielectric Sensor for Point-of-Care Assessment of Blood Coagulation. <i>Blood</i> , 2016, 128, 3754-3754.	1.4	1
16	Monitoring blood coagulation using a surface-functionalized microfluidic dielectric sensor. , 2017, , .		0