

Stephan Quint

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9294267/publications.pdf>

Version: 2024-02-01

12
papers

412
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	A quantum information processor with trapped ions. <i>New Journal of Physics</i> , 2013, 15, 123012.	2.9	235
2	Classification of red blood cell shapes in flow using outlier tolerant machine learning. <i>PLoS Computational Biology</i> , 2018, 14, e1006278.	3.2	62
3	Red blood cell phenotyping from 3D confocal images using artificial neural networks. <i>PLoS Computational Biology</i> , 2021, 17, e1008934.	3.2	26
4	The Erythrocyte Sedimentation Rate and Its Relation to Cell Shape and Rigidity of Red Blood Cells from Chorea-Acanthocytosis Patients in an Off-Label Treatment with Dasatinib. <i>Biomolecules</i> , 2021, 11, 727.	4.0	21
5	Erysense, a Lab-on-a-Chip-Based Point-of-Care Device to Evaluate Red Blood Cell Flow Properties With Multiple Clinical Applications. <i>Frontiers in Physiology</i> , 2022, 13, 884690.	2.8	14
6	Singletâ€Oxygen Generation by Peroxidases and Peroxygenases for Chemoenzymatic Synthesis. <i>ChemBioChem</i> , 2021, 22, 398-407.	2.6	13
7	Lingering Dynamics in Microvascular Blood Flow. <i>Biophysical Journal</i> , 2021, 120, 432-439.	0.5	12
8	The equilibrium velocity of spherical particles in rectangular microfluidic channels for size measurement. <i>Lab on A Chip</i> , 2014, 14, 2319-2326.	6.0	11
9	The Evolution of Erythrocytes Becoming Red in Respect to Fluorescence. <i>Frontiers in Physiology</i> , 2019, 10, 753.	2.8	8
10	Adjustable and robust methods for polarization-dependent focusing. <i>Optics Express</i> , 2013, 21, 15538.	3.4	5
11	A deep learning-based concept for high throughput image flow cytometry. <i>Applied Physics Letters</i> , 2021, 118, 123701.	3.3	3
12	Rare Anemias: Are Their Names Just Smoke and Mirrors?. <i>Frontiers in Physiology</i> , 2021, 12, 690604.	2.8	1