

Rika Wright Carlsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11480563/publications.pdf>

Version: 2024-02-01

8
papers

534
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioâ€Hybrid Cellâ€Based Actuators for Microsystems. <i>Small</i> , 2014, 10, 3831-3851.	10.0	184
2	Magnetic steering control of multi-cellular bio-hybrid microswimmers. <i>Lab on A Chip</i> , 2014, 14, 3850-3859.	6.0	125
3	pH-Taxis of Biohybrid Microsystems. <i>Scientific Reports</i> , 2015, 5, 11403.	3.3	99
4	Near and far-wall effects on the three-dimensional motion of bacteria-driven microbeads. <i>Applied Physics Letters</i> , 2013, 102, 143701.	3.3	53
5	Swimming characterization of <i>Serratia marcescens</i> for bio-hybrid micro-robotics. <i>Journal of Micro-Bio Robotics</i> , 2014, 9, 47-60.	2.1	29
6	Multi-fractal characterization of bacterial swimming dynamics: a case study on real and simulated <i>Serratia marcescens</i> . <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20170154.	2.1	21
7	Analytical modeling and experimental characterization of chemotaxis in <i>Serratia marcescens</i> . <i>Physical Review E</i> , 2014, 89, 052704.	2.1	18
8	Head Impact Modeling to Support a Rotational Combat Helmet Drop Test. <i>Military Medicine</i> , 2023, 188, e745-e752.	0.8	5