

# Siddhartha Verma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6673993/publications.pdf>

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11  
papers

754  
citations

1040018

9  
h-index

1372553

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol generation in public restrooms. <i>Physics of Fluids</i> , 2021, 33, 033320.	4.0	37
2	Burst-and-coast swimming is not always energetically beneficial in fish ( <i>Hemigrammus bleheri</i> ). <i>Bioinspiration and Biomimetics</i> , 2021, 16, 016002.	2.9	8
3	Optimal sensor placement for artificial swimmers. <i>Journal of Fluid Mechanics</i> , 2020, 884, .	3.4	25
4	Visualizing droplet dispersal for face shields and masks with exhalation valves. <i>Physics of Fluids</i> , 2020, 32, 091701.	4.0	124
5	Optimal Flow Sensing for Schooling Swimmers. <i>Biomimetics</i> , 2020, 5, 10.	3.3	13
6	Restoring chaos using deep reinforcement learning. <i>Chaos</i> , 2020, 30, 031102.	2.5	11
7	Visualizing the effectiveness of face masks in obstructing respiratory jets. <i>Physics of Fluids</i> , 2020, 32, 061708.	4.0	245
8	10.1063/5.0002047.1. , 2020, , .		0
9	Efficient collective swimming by harnessing vortices through deep reinforcement learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5849-5854.	7.1	261
10	Computing the force distribution on the surface of complex, deforming geometries using vortex methods and Brinkman penalization. <i>International Journal for Numerical Methods in Fluids</i> , 2017, 85, 484-501.	1.6	10
11	An improved bounded semi-Lagrangian scheme for the turbulent transport of passive scalars. <i>Journal of Computational Physics</i> , 2014, 272, 1-22.	3.8	20