

Japinder S Nijjer

List of Publications by Year in descending order

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7
papers

191
citations

1477746
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1719596
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7
all docs

7
docs citations

7
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Horizontal miscible displacements through porous media: the interplay between viscous fingering and gravity segregation. <i>Journal of Fluid Mechanics</i> , 2022, 935, .	1.4	8
2	Mechanical Resilience of Biofilms toward Environmental Perturbations Mediated by Extracellular Matrix. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	8
3	Morphogenesis and cell ordering in confined bacterial biofilms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
4	Mechanical forces drive a reorientation cascade leading to biofilm self-patterning. <i>Nature Communications</i> , 2021, 12, 6632.	5.8	41
5	Stable and unstable miscible displacements in layered porous media. <i>Journal of Fluid Mechanics</i> , 2019, 869, 468-499.	1.4	19
6	The dynamics of miscible viscous fingering from onset to shutdown. <i>Journal of Fluid Mechanics</i> , 2018, 837, 520-545.	1.4	40
7	Flow-induced compaction of a deformable porous medium. <i>Physical Review E</i> , 2016, 93, 023116.	0.8	28