

Kaushik K Rangharajan

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Direct current electric field regulates endothelial permeability under physiologically relevant fluid forces in a microfluidic vessel bifurcation model. Lab on A Chip, 2021, 21, 319-330.	6.0	9
2	Endothelial barrier function is co-regulated at vessel bifurcations by fluid forces and sphingosine-1-phosphate. Biomaterials and Biosystems, 2021, 3, 100020.	2.2	2
3	Competing Fluid Forces Control Endothelial Sprouting in a 3-D Microfluidic Vessel Bifurcation Model. Micromachines, 2019, 10, 451.	2.9	25
4	Flow dynamics control endothelial permeability in a microfluidic vessel bifurcation model. Lab on A Chip, 2018, 18, 1084-1093.	6.0	42
5	Surface dependent enhancement in water vapor permeation through nanochannels. Analyst, The, 2018, 143, 4256-4266.	3.5	9
6	The Effect of Sphingosine 1-Phosphate on Endothelial Permeability Is Fluid Flow Dependent. FASEB Journal, 2018, 32, .	0.5	0
7	Cation Dependent Surface Charge Regulation in Gated Nanofluidic Devices. Analytical Chemistry, 2017, 89, 1593-1601.	6.5	42
8	Transport of multicomponent, multivalent electrolyte solutions across nanocapillaries. Microfluidics and Nanofluidics, 2016, 20, 1.	2.2	11
9	Electrokinetic transport of monovalent and divalent cations in silica nanochannels. Microfluidics and Nanofluidics, 2016, 20, 1.	2.2	27
10	Effect of surface modification on interfacial nanobubble morphology and contact line tension. Soft Matter, 2015, 11, 5214-5223.	2.7	25
11	A Three-State Nanofluidic Field Effect Switch. Nano Letters, 2015, 15, 2365-2371.	9.1	36