

Kaushik K Rangharajan

List of Publications by Year in descending order

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citing authors

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