Abdelkader Mojtabi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2429300/publications.pdf

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23	273	933447	940533
papers	citations	10	16
		h-index	g-index

23	23	23	104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Influence of Bounding Plates on Species Separation in a Vertical Thermogravitational Column. Physics, 2022, 4, 51-65.	1.4	0
2	Thermogravitational separation in porous vertical and horizontal cylindrical annular cells saturated by a binary mixture. European Physical Journal E, 2022, 45, 45.	1.6	1
3	Numerical and Analytical Studies of Soret-Driven Convection Flow Inside an Annular Horizontal Porous Cavity. Fluids, 2021, 6, 357.	1.7	3
4	A new process for the determination of the Soret coefficient of a binary mixture under microgravity. International Journal of Thermal Sciences, 2020, 149, 106204.	4.9	3
5	Analytical and numerical study of Soret mixed convection in two sided lid-driven horizontal cavity: Optimal species separation. International Journal of Heat and Mass Transfer, 2019, 139, 1037-1046.	4.8	10
6	Influence of Vertical Vibrations on the Stability of a Binary Mixture in a Horizontal Porous Layer Subjected to a Vertical Heat Flux. Transport in Porous Media, 2018, 124, 203-220.	2.6	2
7	The effect of conducting bounding horizontal plates on species separation in porous cavity saturated by a binary mixture. International Journal of Heat and Mass Transfer, 2018, 126, 479-488.	4.8	7
8	Analytical and numerical stability analysis of Soret-driven convection in a horizontal porous layer: The effect of vertical vibrations. European Physical Journal E, 2017, 40, 38.	1.6	4
9	The Effect of Conducting Boundaries on the Onset of Convection in a Porous Layer Which is Heated from Below by Internal Heating. Transport in Porous Media, 2017, 117, 189-206.	2.6	9
10	Thermogravitational separation in horizontal annular porous cell. Mechanics and Industry, 2017, 18, 106.	1.3	11
11	Soret-driven convection and separation of binary mixtures in a horizontal porous cavity submitted to cross heat fluxes. International Journal of Thermal Sciences, 2016, 104, 29-38.	4.9	17
12	Species separation of a binary mixture in the presence of mixed convection. International Journal of Thermal Sciences, 2013, 73, 18-27.	4.9	10
13	Influence of acoustic streaming on thermo-diffusion in a binary mixture under microgravity. International Journal of Heat and Mass Transfer, 2012, 55, 5992-5999.	4.8	12
14	The Effect of Conducting Boundaries on Weakly Nonlinear Darcyâ€“BÃ©nard Convection. Transport in Porous Media, 2011, 88, 45-63.	2.6	33
15	The effect of conducting bounding plates on the onset of Hortonâ€“Rogersâ€“Lapwood convection. International Journal of Heat and Mass Transfer, 2011, 54, 293-301.	4.8	19
16	Thermodiffusion phenomena. Comptes Rendus - Mecanique, 2011, 339, 275-279.	2.1	22
17	Soret-driven convection and separation of binary mixtures in a porous horizontal slot submitted to a heat flux. Comptes Rendus - Mecanique, 2011, 339, 303-309.	2.1	6
18	Separation in an inclined porous thermogravitational cell. International Journal of Heat and Mass Transfer, 2010, 53, 4844-4851.	4.8	23

#	Article	IF	Citations
19	Influence of vertical vibrations on the separation of a binary mixture in a horizontal porous layer heated from below. International Journal of Heat and Mass Transfer, 2009, 52, 165-172.	4.8	25
20	Thermal Vibrational Convection in a Porous Medium Saturated by a Pure or Binary Fluid. , 2008, , 149-179.		6
21	Separation of a binary fluid mixture in a porous horizontal cavity. Physical Review E, 2008, 77, 026310.	2.1	31
22	Ã‰tude de la thermogravitation dans une couche fluide horizontale. Comptes Rendus - Mecanique, 2006, 334, 621-627.	2.1	8
23	Energy stability of a natural convective flow in a horizontal annular space. Physics of Fluids, 1979, 22, 1208.	1.4	11