Abdelkader Mojtabi

List of Publications by Year
in descending order

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

Version: 2024-02-01

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 Effect of Conducting Boundaries on Weakly Nonlinear Darcyâ€“BÃ©nard Convection. Transport in Porous Media, 2011, 88, 45-63.	2.6	33
2	Separation of a binary fluid mixture in a porous horizontal cavity. Physical Review E, 2008, 77, 026310.	2.1	31
3	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
4	Separation in an inclined porous thermogravitational cell. International Journal of Heat and Mass Transfer, 2010, 53, 4844-4851.	4.8	23
5	Thermodiffusion phenomena. Comptes Rendus - Mecanique, 2011, 339, 275-279.	2.1	22
6	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
7	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
8	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
9	Energy stability of a natural convective flow in a horizontal annular space. Physics of Fluids, 1979, 22, 1208.	1.4	11
10	Thermogravitational separation in horizontal annular porous cell. Mechanics and Industry, 2017, 18, 106.	1.3	11
11	Species separation of a binary mixture in the presence of mixed convection. International Journal of Thermal Sciences, 2013, 73, 18-27.	4.9	10
12	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
13	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
14	Ã‰tude de la thermogravitation dans une couche fluide horizontale. Comptes Rendus - Mecanique, 2006, 334, 621-627.	2.1	8
15	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
16	Thermal Vibrational Convection in a Porous Medium Saturated by a Pure or Binary Fluid. , 2008, , 149-179.		6
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	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

#	Article	IF	Citations
19	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
20	Numerical and Analytical Studies of Soret-Driven Convection Flow Inside an Annular Horizontal Porous Cavity. Fluids, 2021, 6, 357.	1.7	3
21	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
22	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
23	The Influence of Bounding Plates on Species Separation in a Vertical Thermogravitational Column. Physics, 2022, 4, 51-65.	1.4	0