David Korba

List of Publications by Year
in descending order

8 papers	**80** citations	1478505 **6** h-index	1720034 **7** g-index
8 all docs	**8** docs citations	**8** times ranked	**28** citing authors

#	Article	IF	Citations
1	Thermochemical reduction modeling in a high-temperature moving-bed reactor for energy storage: 1D model. Applied Energy, 2022, 306, 118009.	10.1	16
2	A continuum model for heat and mass transfer in moving-bed reactors for thermochemical energy storage. Applied Energy, 2022, 313, 118842.	10.1	15
3	Effects of pore scale and conjugate heat transfer on thermal convection in porous media. Journal of Fluid Mechanics, 2022, 944, .	3.4	7
4	Lattice Boltzmann model for conjugate heat transfer across thin walls. Physical Review E, 2021, 103, 043304.	2.1	2
5	Phase-field-lattice Boltzmann method for dendritic growth with melt flow and thermosolutal convection–diffusion. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114026.	6.6	13
6	Thermochemical heat recuperation for compressed air energy storage. Energy Conversion and Management, 2021, 250, 114889.	9.2	9
7	Accuracy of interface schemes for conjugate heat and mass transfer in the lattice Boltzmann method. International Journal of Heat and Mass Transfer, 2020, 156, 119694.	4.8	17
8	Interface Treatment for Conjugate Conditions in the Lattice Boltzmann Method for the Convection Diffusion Equation. , 0, , .		1