Leonid Pankratov

List of Publications by Year
in descending order

14	93	1307594	1372567
papers	citations	7	10
		h-index	g-index

14	14	14	45
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generalized nonequilibrium capillary relations for two-phase flow through heterogeneous media. Physical Review E, 2012, 85, 016304.	2.1	18
2	Homogenization of a model for water-gas flow through double-porosity media. Mathematical Methods in the Applied Sciences, 2016, 39, 425-451.	2.3	13
3	A fully homogenized model for incompressible two-phase flow in double porosity media. Applicable Analysis, 2016, 95, 2280-2299.	1.3	10
4	Upscaling of an immiscible non-equilibrium two-phase flow in double porosity media. Applicable Analysis, 2016, 95, 2300-2322.	1.3	10
5	Homogenized Model of Two-Phase Flow with Local Nonequilibrium in Double Porosity Media. Advances in Mathematical Physics, 2016, 2016, 1-13.	0.8	8
6	New non-equilibrium matrix imbition equation for double porosity model. Comptes Rendus - Mecanique, 2016, 344, 510-520.	2.1	7
7	An existence result for nonisothermal immiscible incompressible 2‑phase flow in heterogeneous porous media. Mathematical Methods in the Applied Sciences, 2017, 40, 7510-7539.	2.3	7
8	Homogenization of Kondaurov's non-equilibrium two-phase flow in double porosity media. Applicable Analysis, 2019, 98, 1429-1450.	1.3	6
9	Homogenization of nonisothermal immiscible incompressible two-phase flow in porous media. Nonlinear Analysis: Real World Applications, 2018, 43, 192-212.	1.7	5
10	The homogenized Kondaurov type non-equilibrium model of two-phase flow in multiscale non-homogeneous media. Physica Scripta, 2019, 94, 054002.	2.5	4
11	Appearance of the instability from the inhomogeneity in two-phase flow with gas-producing reaction in fractured porous medium. Physics of Fluids, 2021, 33, .	4.0	3
12	General Non-Equilibrium Matrix Imbition Equation for Kondaurov's Double Porosity Model. , 2017, , .		2
13	Homogenization of coupled immiscible compressible two-phase flow with kinetics in porous media. Applicable Analysis, 2020, , 1-22.	1.3	0
14	Homogenization of a two-phase flow accompanied by dissociation of a gas hydrate in a fractured porous medium. Physics of Fluids, 2022, 34, 026601.	4.0	0