

Yukie Tanino

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

956
citations

759055

12
h-index

713332

21
g-index

26
all docs

26
docs citations

26
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Investigation of Mean Drag in a Random Array of Rigid, Emergent Cylinders. Journal of Hydraulic Engineering, 2008, 134, 34-41.	0.7	360
2	Lateral dispersion in random cylinder arrays at high Reynolds number. Journal of Fluid Mechanics, 2008, 600, 339-371.	1.4	173
3	Capillary trapping in sandstones and carbonates: Dependence on pore structure. Water Resources Research, 2012, 48, .	1.7	133
4	Gravity currents in aquatic canopies. Water Resources Research, 2005, 41, .	1.7	51
5	Laboratory investigation of capillary trapping under mixed-wet conditions. Water Resources Research, 2013, 49, 4311-4319.	1.7	37
6	Recreating mineralogical petrographic heterogeneity within microfluidic chips: assembly, examples, and applications. Lab on A Chip, 2016, 16, 4677-4681.	3.1	34
7	Oil/water displacement in microfluidic packed beds under weakly water-wetting conditions: competition between precursor film flow and piston-like displacement. Experiments in Fluids, 2018, 59, 1.	1.1	27
8	Laboratory investigation of lateral dispersion within dense arrays of randomly distributed cylinders at transitional Reynolds number. Physics of Fluids, 2009, 21, .	1.6	26
9	Capillary Trapping in Water-Wet Sandstones: Coreflooding Experiments and Pore-Network Modeling. , 2010, , .		20
10	Enhanced permeability due to apparent oil/brine slippage in limestone and its dependence on wettability. Geophysical Research Letters, 2017, 44, 6116-6123.	1.5	20
11	Waterflood Oil Recovery from Mixed-Wet Limestone: Dependence upon the Contact Angle. Energy & Fuels, 2017, 31, 1529-1535.	2.5	19
12	Imbibition Capillary Pressure and Relative Permeability of Mixed-Wet Microporous Rock: New Insights from History Matching. Transport in Porous Media, 2019, 129, 121-148.	1.2	14
13	Automated extraction of in situ contact angles from micro-computed tomography images of porous media. Computers and Geosciences, 2020, 137, 104425.	2.0	14
14	Impact of grain roughness on residual nonwetting phase cluster size distribution in packed columns of uniform spheres. Physical Review E, 2020, 102, 013109.	0.8	7
15	Closure to "Laboratory Investigation of Mean Drag in a Random Array of Rigid, Emergent Cylinders" by Yukie Tanino and Heidi M. Nepf. Journal of Hydraulic Engineering, 2009, 135, 693-694.	0.7	3
16	Laminar-turbulent cycles in inclined lock-exchange flows. Physical Review E, 2012, 85, 066308.	0.8	3
17	Enhanced Oil Recovery by Polymer Flooding: Direct, Low-Cost Visualization in a Hele-Shaw Cell. Education Sciences, 2019, 9, 186.	1.4	3
18	A Low-Cost, Non-hazardous Protocol for Surface Texturing of Glass Particles. Tribology Letters, 2019, 67, 1.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Impact of injection rate on transient oil recovery under mixed-wet conditions: a microfluidic study. E3S Web of Conferences, 2019, 89, 04002.	0.2	3
20	A portable triaxial cell for beamline imaging of rocks under triaxial state of stress. Measurement Science and Technology, 2021, 32, 095403.	1.4	3
21	Laboratory measurements of viscosity, density, and bulk contact angle on marble and soda lime glass for three naphthenic acid + n-decane solutions. Data in Brief, 2019, 24, 103988.	0.5	1
22	Water Exchange Between Littoral Zone and Open Lake Water. Encyclopedia of Earth Sciences Series, 2012, , 869-872.	0.1	1
23	Environmental fluid dynamics of tidal bores: Theoretical considerations and field observations. , 2012, , 315-342.		1
24	Lock-exchange flows in inclined pipes: the relevance of the Prandtl mixing length model. Journal of Turbulence, 2015, 16, 484-502.	0.5	0
25	In-situ imaging of fractured rock and flow through them using simultaneous neutron and X-ray computed tomography, EPSRC. Impact, 2017, 2017, 61-63.	0.0	0
26	BUOYANCY DRIVEN MIXING IN CONFINED GEOMETRIES. Anales De La Asociacion Fisica Argentina, 2013, 23, 43-46.	0.1	0