

Kirk E Nelson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11993320/publications.pdf>

Version: 2024-02-01

9
papers

493
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Processes in microbial transport in the natural subsurface. <i>Advances in Water Resources</i> , 2002, 25, 1017-1042.	3.8	258
2	New collector efficiency equation for colloid filtration in both natural and engineered flow conditions. <i>Water Resources Research</i> , 2011, 47, .	4.2	90
3	Colloid Filtration Theory and the Happel Sphere-in-Cell Model Revisited with Direct Numerical Simulation of Colloids. <i>Langmuir</i> , 2005, 21, 2173-2184.	3.5	88
4	Theoretical Investigation of Bacterial Chemotaxis in Porous Media. <i>Langmuir</i> , 2001, 17, 5636-5645.	3.5	30
5	Colloid filtration prediction by mapping the correlation equation parameters from transport experiments in porous media. <i>Water Resources Research</i> , 2015, 51, 8995-9012.	4.2	13
6	Comment on "Extending Applicability of Correlation Equations to Predict Colloidal Retention in Porous Media at Low Fluid Velocity". <i>Environmental Science & Technology</i> , 2013, 47, 8078-8079.	10.0	5
7	Processes in Microbial Transport in the Natural Subsurface. <i>ChemInform</i> , 2003, 34, no.	0.0	2
8	Mechanistic Modeling of Bacterial Transport in Saturated Porous Media. <i>ACS Symposium Series</i> , 2008, , 261-295.	0.5	2
9	Comment on Particle Tracking Model for Colloid Transport near Planar Surfaces Covered with Spherical Asperities. <i>Langmuir</i> , 2009, 25, 12835-12836.	3.5	1