Vasiliki I Syngouna

List of Publications by Year
in descending order

19	1,089	567281 15	794594 19
papers	citations	h-index	g-index

19	19	19	926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Gravity on Colloid Transport through Water-Saturated Columns Packed with Glass Beads: Modeling and Experiments. Environmental Science & Technology, 2014, 48, 6805-6813.	10.0	150
2	Attachment of bacteriophages MS2 and Î¦X174 onto kaolinite and montmorillonite: Extended-DLVO interactions. Colloids and Surfaces B: Biointerfaces, 2012, 92, 74-83.	5.0	146
3	Cotransport of clay colloids and viruses in water saturated porous media. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 416, 56-65.	4.7	108
4	Transport of colloids in unsaturated packed columns: Role of ionic strength and sand grain size. Chemical Engineering Journal, 2013, 232, 237-248.	12.7	101
5	Interaction between Viruses and Clays in Static and Dynamic Batch Systems. Environmental Science & Technology, 2010, 44, 4539-4544.	10.0	92
6	Transport of biocolloids in water saturated columns packed with sand: Effect of grain size and pore water velocity. Journal of Contaminant Hydrology, 2011, 126, 301-314.	3.3	77
7	Experimental investigation of virus and clay particles cotransport in partially saturated columns packed with glass beads. Journal of Colloid and Interface Science, 2015, 440, 140-150.	9.4	60
8	Cotransport of clay colloids and viruses through water-saturated vertically oriented columns packed with glass beads: Gravity effects. Science of the Total Environment, 2016, 545-546, 210-218.	8.0	54
9	Interaction of human adenoviruses and coliphages with kaolinite and bentonite. Science of the Total Environment, 2015, 517, 86-95.	8.0	52
10	Inactivation of MS2 bacteriophage by titanium dioxide nanoparticles in the presence of quartz sand with and without ambient light. Journal of Colloid and Interface Science, 2017, 497, 117-125.	9.4	52
11	Cotransport of human adenoviruses with clay colloids and TiO2 nanoparticles in saturated porous media: Effect of flow velocity. Science of the Total Environment, 2017, 598, 160-167.	8.0	50
12	Influence of graphene oxide nanoparticles on the transport and cotransport of biocolloids in saturated porous media. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110841.	5.0	41
13	Virus inactivation by high frequency ultrasound in combination with visible light. Colloids and Surfaces B: Biointerfaces, 2013, 107, 174-179.	5.0	31
14	Transport of Pseudomonas putida in a 3-D Bench Scale Experimental Aquifer. Transport in Porous Media, 2012, 94, 617-642.	2.6	29
15	Interaction of graphene oxide nanoparticles with quartz sand and montmorillonite colloids. Environmental Technology (United Kingdom), 2020, 41, 1127-1138.	2.2	26
16	Bacteriophage MS2 and titanium dioxide heteroaggregation: Effects of ambient light and the presence of quartz sand. Colloids and Surfaces B: Biointerfaces, 2019, 180, 281-288.	5.0	12
17	The role of nanoparticles (titanium dioxide, graphene oxide) on the inactivation of co-existing bacteria in the presence and absence of quartz sand. Environmental Science and Pollution Research, 2022, 29, 19199-19211.	5.3	6
18	Erratum to â€˜Transport of biocolloids in water saturated columns packed with sand: Effect of grain size and pore water velocityâ€™ [Journal of Contaminant Hydrology 126 (2011) 301â€“314]. Journal of Contaminant Hydrology, 2012, 129-130, 10.	3.3	1

#	Article	IF	Citations
19	Removal Performance of Faecal Indicators by Natural and Silver-Modified Zeolites of Various Particle Sizes under Dynamic Batch Experiments: Preliminary Results. Water (Switzerland), 2021, 13, 2938.	2.7	1