

# Petra Vasatova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4338637/publications.pdf>

Version: 2024-02-01

10  
papers

203  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of shear rate on aggregate size and structure in the process of aggregation and at steady state. Powder Technology, 2013, 235, 540-549.	4.2	78
2	Coagulation of peptides and proteins produced by Microcystis aeruginosa : Interaction mechanisms and the effect of Fe <sup>2+</sup> peptide/protein complexes formation. Water Research, 2012, 46, 5583-5590.	11.3	67
3	The effect of global velocity gradient on the character and filterability of aggregates formed during the coagulation/flocculation process. Environmental Technology (United Kingdom), 2011, 32, 1355-1366.	2.2	14
4	The Effect of Cellular Organic Matter Produced by Cyanobacteria Microcystis Aeruginosa on Water Purification. Journal of Hydrology and Hydromechanics, 2009, 57, 121-129.	2.0	14
5	The influence of velocity gradient on properties and filterability of suspension formed during water treatment. Separation and Purification Technology, 2012, 92, 161-167.	7.9	11
6	Influence of COM-peptides/proteins on the properties of flocs formed at different shear rates. Journal of Environmental Sciences, 2019, 80, 116-127.	6.1	9
7	A Method for Evaluation of Suspension Quality Easy Applicable To Practice: The Effect of Mixing on Floc Properties. Journal of Hydrology and Hydromechanics, 2011, 59, 184-195.	2.0	4
8	On the importance of mixing characterization and application in the water treatment process. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 639-646.	1.4	3
9	The effect of shear rate on aggregate size distribution and structure at steady state: a comparison between a Taylor-Couette reactor and a mixing tank. Journal of Water Supply: Research and Technology - AQUA, 2013, 62, 288-295.	1.4	2
10	A fluidized layer of granular material used for the separation of particulate impurities in drinking water treatment. Journal of Hydrology and Hydromechanics, 2011, 59, .	2.0	1