

# TomaÅ½ MohoriÄ•

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8839988/publications.pdf>

Version: 2024-02-01

12  
papers

126  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Assembly of Magnetic Colloidal Vortices. <i>Langmuir</i> , 2016, 32, 5094-5101.	3.5	23
2	How does microwave irradiation affect aqueous solutions of polar solutes?. <i>Journal of Molecular Liquids</i> , 2018, 266, 218-228.	4.9	15
3	Fast rotational motion of water molecules increases ordering of hydrophobes in solutions and may cause hydrophobic chains to collapse. <i>Journal of Chemical Physics</i> , 2015, 143, 244510.	3.0	14
4	Effects of the translational and rotational degrees of freedom on the hydration of simple solutes. <i>Journal of Chemical Physics</i> , 2014, 140, 184510.	3.0	12
5	Microwave irradiation affects ion pairing in aqueous solutions of alkali halide salts. <i>Journal of Chemical Physics</i> , 2017, 146, 044504.	3.0	12
6	How does microwave irradiation affect the mechanism of water reorientation?. <i>Journal of Molecular Liquids</i> , 2020, 302, 112522.	4.9	12
7	Effects of Translational and Rotational Degrees of Freedom on the Hydration of Ionic Solutes as Seen by Popular Water Models. <i>Acta Chimica Slovenica</i> , 2015, 62, 489-497.	0.6	9
8	Two-dimensional magnetic colloids under shear. <i>Soft Matter</i> , 2016, 12, 3142-3148.	2.7	7
9	The application of the thermodynamic perturbation theory to study the hydrophobic hydration. <i>Journal of Chemical Physics</i> , 2013, 139, 024101.	3.0	6
10	The application of the integral equation theory to study the hydrophobic interaction. <i>Journal of Chemical Physics</i> , 2014, 140, 024502.	3.0	6
11	Active microrheology in two-dimensional magnetic networks. <i>Soft Matter</i> , 2019, 15, 4437-4444.	2.7	5
12	A semi-automated workflow for adverse outcome pathway hypothesis generation: The use case of non-genotoxic induced hepatocellular carcinoma. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104652.	2.7	5