

# Maria Morga

## List of Publications by Year in descending order

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38  
papers

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citations

535685

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Poly-L-Arginine Molecule Properties in Simple Electrolytes: Molecular Dynamic Modeling and Experiments. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3588.	1.2	10
2	Nanoparticle and bioparticle deposition kinetics. <i>Advances in Colloid and Interface Science</i> , 2022, 302, 102630.	7.0	12
3	QCM-D Investigations of Anisotropic Particle Deposition Kinetics: Evidences of the Hydrodynamic Slip Mechanisms. <i>Analytical Chemistry</i> , 2022, 94, 10234-10244.	3.2	8
4	Macroion molecule properties from slender body hydrodynamics. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3900-3908.	1.6	4
5	MODYFIKACJA SUBSTRATÁ“W STAĄYCH PRZEZ KONTROLOWANÁ,, ADSORPCJÁ~ MAKROJONÁ“W. <i>Wiadomości Chemiczne</i> , 2021, 75, 1157-1179.	0.0	0
6	pH-Induced Changes in Polypeptide Conformation: Force-Field Comparison with Experimental Validation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2961-2972.	1.2	29
7	Formation of Poly-lysine Monolayers on Silica: Modeling and Experimental Studies. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4571-4581.	1.5	19
8	Mechanism of fibrinogen /microparticle complex deposition on solid substrates: Role of pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110424.	2.5	6
9	Formation of Strong Polycation (Poly[(3-allylamino-2-hydroxypropyl)trimethylammonium chloride]) Monolayers on Mica, Silica, and Gold Substrates: Modeling and Experimental Studies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19022-19032.	1.5	5
10	Kinetics of Poly-lysine Adsorption on Mica and Stability of Formed Monolayers: Theoretical and Experimental Studies. <i>Langmuir</i> , 2019, 35, 12042-12052.	1.6	12
11	Monolayers of silver nanoparticles obtained by green synthesis on macrocation modified substrates. <i>Materials Chemistry and Physics</i> , 2019, 227, 224-235.	2.0	11
12	Gold substrates of controlled roughness and electrokinetic properties formed by nanoparticle deposition. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6535-6543.	1.3	7
13	Electrokinetic properties of cysteine-stabilized silver nanoparticles dispersed in suspensions and deposited on solid surfaces in the form of monolayers. <i>Electrochimica Acta</i> , 2019, 297, 1000-1010.	2.6	8
14	Reversible Protein Adsorption on Mixed PEO/PAA Polymer Brushes: Role of Ionic Strength and PEO Content. <i>Langmuir</i> , 2018, 34, 3037-3048.	1.6	33
15	Hematite/silica nanoparticle bilayers on mica: AFM and electrokinetic characterization. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15368-15379.	1.3	11
16	Conformations of Poly-lysine Molecules in Electrolyte Solutions: Modeling and Experimental Measurements. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23180-23190.	1.5	23
17	Formation and stability of manganese-doped ZnS quantum dot monolayers determined by QCM-D and streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 186-197.	5.0	12
18	Formation and stability of polyelectrolyte/polypeptide monolayers determined by electrokinetic measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 302-310.	2.3	18

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19	Spheroidal Microparticle Monolayers Characterized by Streaming Potential Measurements. <i>Langmuir</i> , 2017, 33, 9916-9925.	1.6	10
20	Silica nanoparticle monolayers on a macroion modified surface: formation mechanism and stability. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22721-22732.	1.3	29
21	Homogeneous gold nanoparticle monolayersâ€™ QCM and electrokinetic characteristics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 514, 226-235.	2.3	22
22	Silica Monolayer Formation and Stability Determined by in situ Streaming Potential Measurements. <i>Electrochimica Acta</i> , 2016, 206, 409-418.	2.6	12
23	pH-controlled desorption of silver nanoparticles from monolayers deposited on PAH-covered mica. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	4
24	Recombinant albumin adsorption on mica studied by AFM and streaming potential measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 192-199.	2.5	17
25	Monolayers of poly-L-lysine on mica â€™ Electrokinetic characteristics. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 116-124.	5.0	32
26	Deposition of silver nanoparticles from suspensions containing tannic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 477, 70-76.	2.3	5
27	Influence of supporting polyelectrolyte layers on the coverage and stability of silver nanoparticle coatings. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 205-212.	5.0	19
28	Adsorption of tannic acid on polyelectrolyte monolayers determined in situ by streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 249-258.	5.0	41
29	Silver particle monolayers â€™ Formation, stability, applications. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 530-563.	7.0	60
30	Hematite/silver nanoparticle bilayers on mica â€™ AFM, SEM and streaming potential studies. <i>Journal of Colloid and Interface Science</i> , 2014, 424, 75-83.	5.0	27
31	Self-assembled silver nanoparticles monolayers on mica-AFM, SEM, and electrokinetic characteristics. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1460.	0.8	29
32	Monolayers of cationic polyelectrolytes on mica â€™ Electrokinetic studies. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 196-204.	5.0	58
33	Stability of silver nanoparticle monolayers determined by in situ streaming potential measurements. <i>Journal of Nanoparticle Research</i> , 2013, 15, 2076.	0.8	14
34	Hematite nanoparticle monolayers on mica electrokinetic characteristics. <i>Journal of Colloid and Interface Science</i> , 2012, 386, 121-128.	5.0	19
35	Hematite nanoparticle monolayers on mica preparation by controlled self-assembly. <i>Journal of Colloid and Interface Science</i> , 2012, 386, 51-59.	5.0	28
36	Hematite nanoparticle monolayers on mica: Characterization by colloid deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 412, 72-81.	2.3	10

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37	High density silver nanoparticle monolayers produced by colloid self-assembly on polyelectrolyte supporting layers. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 39-48.	5.0	72
38	Improvement of Wetting Properties of Colloid Silica Binders. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8532-8537.	1.8	3