

# Lara Å tajner

## List of Publications by Year in descending order

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23  
papers

689  
citations

840776

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h-index

677142

22  
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23  
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times ranked

899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Influence of Gradients in Natural Organic Matter and Abiotic Parameters on the Behavior of Silver Nanoparticles in the Transition Zone from Freshwater to Saltwater Environments. <i>Nanomaterials</i> , 2022, 12, 296.	4.1	8
2	Precipitation of Calcium Phosphates and Calcium Carbonates in the Presence of Differently Charged Liposomes. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 208.	2.0	5
3	Exposure of microplastics to organic matter in waters enhances microplastic encapsulation into calcium carbonate. <i>Environmental Chemistry Letters</i> , 2022, 20, 2235-2242.	16.2	11
4	Role of Hydrodynamics, Li <sup>+</sup> Addition and Transformation Kinetics on the Formation of Plate-Like {001} Calcite Crystals. <i>Crystals</i> , 2021, 11, 250.	2.2	6
5	Phytotoxicity of Silver Nanoparticles on Tobacco Plants: Evaluation of Coating Effects on Photosynthetic Performance and Chloroplast Ultrastructure. <i>Nanomaterials</i> , 2021, 11, 744.	4.1	19
6	Precipitation at Room Temperature as a Fast and Versatile Method for Calcium Phosphate/TiO <sub>2</sub> Nanocomposites Synthesis. <i>Nanomaterials</i> , 2021, 11, 1523.	4.1	8
7	Microbial response to the presence of invasive ctenophore <i>Mnemiopsis leidyi</i> in the coastal waters of the Northeastern Adriatic. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 259, 107459.	2.1	4
8	Effect of pH and Type of Stirring on the Spontaneous Precipitation of CaCO <sub>3</sub> at Identical Initial Supersaturation, Ionic Strength and $\alpha(\text{Ca}^{2+})/\alpha(\text{CO}_3^{2-})$ Ratio. <i>Crystals</i> , 2021, 11, 1075.	2.2	11
9	The influence of the saline and artificial saliva on gamma induced radical concentration in dental bone graft materials based on calcium sulfate studied by EPR spectroscopy. <i>Radiation Physics and Chemistry</i> , 2020, 177, 109138.	2.8	0
10	Calcium phosphate formation on TiO <sub>2</sub> nanomaterials of different dimensionality. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 593, 124615.	4.7	10
11	Adsorption of Aspartate Derivatives to Calcite Surfaces in Aqueous Environment. <i>Crystal Growth and Design</i> , 2020, 20, 2853-2859.	3.0	10
12	Factors affecting calcium phosphate mineralization within bulk alginate hydrogels. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
13	Supramolecular Hydrogels with Properties Tunable by Calcium Ions: A Bio-Inspired Chemical System. <i>ACS Applied Bio Materials</i> , 2019, 2, 5819-5828.	4.6	13
14	The effect of different amino acids on spontaneous precipitation of calcium carbonate polymorphs. <i>Journal of Crystal Growth</i> , 2018, 486, 71-81.	1.5	42
15	Preparation and characterization of calcium oxalate dihydrate seeds suitable for crystal growth kinetic analyses. <i>Journal of Crystal Growth</i> , 2018, 500, 91-97.	1.5	7
16	Comparative Study of Calcium Carbonates and Calcium Phosphates Precipitation in Model Systems Mimicking the Inorganic Environment for Biomineralization. <i>Crystal Growth and Design</i> , 2017, 17, 1103-1117.	3.0	36
17	Complexation between lysozyme and sodium poly(styrenesulfonate): The effect of pH, reactant concentration and titration direction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 171-180.	4.7	10
18	Effect of silver nanoparticles on Mediterranean sea urchin embryonal development is species specific and depends on moment of first exposure. <i>Marine Environmental Research</i> , 2015, 111, 50-59.	2.5	55

#	ARTICLE	IF	CITATIONS
19	Influence of some polysaccharides on the production of calcium carbonate filler particles. Journal of Crystal Growth, 2008, 310, 4554-4560.	1.5	57
20	Experimental design approach to calcium carbonate precipitation in a semicontinuous process. Powder Technology, 2007, 171, 192-199.	4.2	72
21	Incorporation of Inorganic Anions in Calcite. European Journal of Inorganic Chemistry, 2004, 2004, 4579-4585.	2.0	58
22	Effect of Inorganic Anions on the Morphology and Structure of Magnesium Calcite. Chemistry - A European Journal, 2004, 10, 1647-1656.	3.3	86
23	Vaterite growth and dissolution in aqueous solution III. Kinetics of transformation. Journal of Crystal Growth, 1997, 177, 248-257.	1.5	155