

Lara Å tajner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1067109/publications.pdf>

Version: 2024-02-01

23
papers

689
citations

840776

11
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaterite growth and dissolution in aqueous solution III. Kinetics of transformation. Journal of Crystal Growth, 1997, 177, 248-257.	1.5	155
2	Effect of Inorganic Anions on the Morphology and Structure of Magnesium Calcite. Chemistry - A European Journal, 2004, 10, 1647-1656.	3.3	86
3	Experimental design approach to calcium carbonate precipitation in a semicontinuous process. Powder Technology, 2007, 171, 192-199.	4.2	72
4	Incorporation of Inorganic Anions in Calcite. European Journal of Inorganic Chemistry, 2004, 2004, 4579-4585.	2.0	58
5	Influence of some polysaccharides on the production of calcium carbonate filler particles. Journal of Crystal Growth, 2008, 310, 4554-4560.	1.5	57
6	Effect of silver nanoparticles on Mediterranean sea urchin embryonal development is species specific and depends on moment of first exposure. Marine Environmental Research, 2015, 111, 50-59.	2.5	55
7	The effect of different amino acids on spontaneous precipitation of calcium carbonate polymorphs. Journal of Crystal Growth, 2018, 486, 71-81.	1.5	42
8	Comparative Study of Calcium Carbonates and Calcium Phosphates Precipitation in Model Systems Mimicking the Inorganic Environment for Biomineralization. Crystal Growth and Design, 2017, 17, 1103-1117.	3.0	36
9	Phytotoxicity of Silver Nanoparticles on Tobacco Plants: Evaluation of Coating Effects on Photosynthetic Performance and Chloroplast Ultrastructure. Nanomaterials, 2021, 11, 744.	4.1	19
10	Supramolecular Hydrogels with Properties Tunable by Calcium Ions: A Bio-Inspired Chemical System. ACS Applied Bio Materials, 2019, 2, 5819-5828.	4.6	13
11	Effect of pH and Type of Stirring on the Spontaneous Precipitation of CaCO ₃ at Identical Initial Supersaturation, Ionic Strength and a(Ca ²⁺)/a(CO ₃ ²⁻) Ratio. Crystals, 2021, 11, 1075.	2.2	11
12	Exposure of microplastics to organic matter in waters enhances microplastic encapsulation into calcium carbonate. Environmental Chemistry Letters, 2022, 20, 2235-2242.	16.2	11
13	Complexation between lysozyme and sodium poly(styrenesulfonate): The effect of pH, reactant concentration and titration direction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 483, 171-180.	4.7	10
14	Calcium phosphate formation on TiO ₂ nanomaterials of different dimensionality. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 593, 124615.	4.7	10
15	Adsorption of Aspartate Derivatives to Calcite Surfaces in Aqueous Environment. Crystal Growth and Design, 2020, 20, 2853-2859.	3.0	10
16	Precipitation at Room Temperature as a Fast and Versatile Method for Calcium Phosphate/TiO ₂ Nanocomposites Synthesis. Nanomaterials, 2021, 11, 1523.	4.1	8
17	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. Nanomaterials, 2022, 12, 296.	4.1	8
18	Preparation and characterization of calcium oxalate dihydrate seeds suitable for crystal growth kinetic analyses. Journal of Crystal Growth, 2018, 500, 91-97.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Factors affecting calcium phosphate mineralization within bulk alginate hydrogels. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
20	Role of Hydrodynamics, Li ⁺ Addition and Transformation Kinetics on the Formation of Plate-Like {001} Calcite Crystals. <i>Crystals</i> , 2021, 11, 250.	2.2	6
21	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
22	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
23	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