Ville V LiljestrÃ¶m

List of Publications by Year
in descending order

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20	910	430442	752256
papers	citations	18	20
		h-index	g-index

20	20	20	1529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-assembly and modular functionalization of three-dimensional crystals from oppositely charged proteins. Nature Communications, 2014, 5, 4445.	5.8	124
2	Toughness and Fracture Properties in Nacreâ€Mimetic Clay/Polymer Nanocomposites. Advanced Functional Materials, 2017, 27, 1605378.	7.8	114
3	Electrostatic Self-Assembly of Soft Matter Nanoparticle Cocrystals with Tunable Lattice Parameters. ACS Nano, 2015, 9, 11278-11285.	7.3	79
4	Cooperative colloidal self-assembly of metal-protein superlattice wires. Nature Communications, 2017, 8, 671.	5.8	73
5	Hierarchical Organization of Organic Dyes and Protein Cages into Photoactive Crystals. ACS Nano, 2016, 10, 1565-1571.	7.3	72
6	Arabinoxylan structure affects the reinforcement of films by microfibrillated cellulose. Cellulose, 2012, 19, 467-480.	2.4	54
7	Active structuring of colloids through field-driven self-assembly. Current Opinion in Colloid and Interface Science, 2019, 40, 25-41.	3.4	48
8	Selfâ€Assembly of Amphiphilic Janus Dendrimers into Mechanically Robust Supramolecular Hydrogels for Sustained Drug Release. Chemistry - A European Journal, 2015, 21, 14433-14439.	1.7	43
9	DNA origami directed 3D nanoparticle superlattice via electrostatic assembly. Nanoscale, 2019, 11, 4546-4551.	2.8	42
10	Rapid Cationization of Gold Nanoparticles by Twoâ€Step Phase Transfer. Angewandte Chemie - International Edition, 2015, 54, 7990-7993.	7.2	39
11	Crystalline Cyclophaneâ€“Protein Cage Frameworks. ACS Nano, 2018, 12, 8029-8036.	7.3	39
12	Light-Fuelled Transport of Large Dendrimers and Proteins. Journal of the American Chemical Society, 2014, 136, 6850-6853.	6.6	37
13	Small-angle scattering study of structural changes in the microfibril network of nanocellulose during enzymatic hydrolysis. Cellulose, 2013, 20, 1031-1040.	2.4	24
14	Microstructural investigation of calcium montmorillonite. Clay Minerals, 2013, 48, 267-276.	0.2	23
15	Chemical, water vapour sorption and ultrastructural analysis of Scots pine wood thermally modified in high-pressure reactor under saturated steam. Journal of Materials Science, 2018, 53, 3027-3037.	1.7	22
16	Supramolecular Assembly and Coalescence of Ferritin Cages Driven by Designed Proteinâ€“Protein Interactions. Biomacromolecules, 2015, 16, 2006-2011.	2.6	20
17	Emergence of highly-ordered hierarchical nanoscale aggregates on electrostatic binding of self-assembled multivalent (SAMul) cationic micelles with polyanionic heparin. Journal of Materials Chemistry B, 2017, 5, 341-347.	2.9	20
18	Hydrogen bonding asymmetric star-shape derivative of bile acid leads to supramolecular fibrillar aggregates that wrap into micrometer spheres. Soft Matter, 2016, 12, 7159-7165.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Hierarchically Ordered Supramolecular Protein-Polymer Composites with Thermoresponsive Properties. International Journal of Molecular Sciences, 2015, 16, 10201-10213.	1.8	14
20	Long-Term Physical Stability of Plasticized Hemicellulose Films. BioResources, 2013, 9, .	0.5	4