Yael Levi-Kalisman

List of Publications by Year
in descending order

39 papers	1,558 citations	471509 17 h-index	345221 36 g-index
41 all docs	41 docs citations	41 times ranked	2208 citing authors

#	Article	IF	Citations
1	Emergent hybrid mesophases in ternary mixtures of cellulose nanocrystals â€•Pluronic micellesâ€‵water. Polymers for Advanced Technologies, 2022, 33, 3800-3809.	3.2	1
2	Effects of Non-Ionic Micelles on the Acid-Base Equilibria of a Weak Polyelectrolyte. Polymers, 2022, 14, 1926.	4.5	2
3	Mechanism of Tubulin Oligomers and Single-Ring Disassembly Catastrophe. Journal of Physical Chemistry Letters, 2022, 13, 5246-5252.	4.6	6
4	Fibrilar Polymorphism of the Bacterial Extracellular Matrix Protein TasA. Microorganisms, 2021, 9, 529.	3.6	11
5	Hierarchical Assembly Pathways of Spermine-Induced Tubulin Conical-Spiral Architectures. ACS Nano, 2021, 15, 8836-8847.	14.6	10
6	Biodistribution and efficacy of the anticancer drug, oxaliplatin palmitate acetate, in mice. International Journal of Pharmaceutics, 2021, 604, 120740.	5.2	3
7	Osmolytes and crowders regulate aggregation of the cancer-related L106R mutant of the Axin protein. Biophysical Journal, 2021, 120, 3455-3469.	0.5	1
8	Cryo-EM photosystem I structure reveals adaptation mechanisms to extreme high light in Chlorella ohadii. Nature Plants, 2021, 7, 1314-1322.	9.3	18
9	Quantitative Cryo-TEM Reveals New Structural Details of Doxil-Like PEGylated Liposomal Doxorubicin Formulation. Pharmaceutics, 2021, 13, 123.	4.5	28
10	Structure and Energetics of GTP- and GDP-Tubulin Isodesmic Self-Association. ACS Chemical Biology, 2021, 16, 2212-2227.	3.4	8
11	Surfactant-Mediated Co-Existence of Single-Walled Carbon Nanotube Networks and Cellulose Nanocrystal Mesophases. Nanomaterials, 2021, 11, 3059.	4.1	1
12	Polymer-Induced Modification of Cellulose Nanocrystal Assemblies in Aqueous Suspensions. ACS Applied Polymer Materials, 2020, 2, 732-740.	4.4	10
13	Nano-to-meso structure of cellulose nanocrystal phases in ethyleneâ€“glycolâ€“water mixtures. Soft Matter, 2020, 16, 8444-8452.	2.7	3
14	3D Printing of Ordered Mesoporous Silica Complex Structures. Nano Letters, 2020, 20, 6598-6605.	9.1	30
15	Assembly of clay mineral platelets, tactoids, and aggregates: Effect of mineral structure and solution salinity. Journal of Colloid and Interface Science, 2020, 566, 163-170.	9.4	38
16	pH stability and disassembly mechanism of wild-type simian virus 40. Soft Matter, 2020, 16, 2803-2814.	2.7	13
17	Liposomes of Quantum Dots Configured for Passive and Active Delivery to Tumor Tissue. Nano Letters, 2019, 19, 5844-5852.	9.1	38
18	Generating a High Valency Biotin Binder by Selecting Uniform Protein Assemblies via Crystallization. Crystals, 2019, 9, 353.	2.2	2

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19	Packaging of DNA origami in viral capsids. Nanoscale, 2019, 11, 10160-10166.	5.6	27
20	Exclusion and Trapping of Carbon Nanostructures in Nonisotropic Suspensions of Cellulose Nanostructures. Journal of Physical Chemistry B, 2019, 123, 3535-3542.	2.6	2
21	Synthesis and Characterization of Thiolate-Protected Gold Nanoparticles of Controlled Diameter. Journal of Physical Chemistry C, 2019, 123, 28486-28493.	3.1	15
22	Surface Charge Influence on the Phase Separation and Viscosity of Cellulose Nanocrystals. Langmuir, 2018, 34, 3925-3933.	3.5	120
23	Micellization of a diâ€block copolymer in ethylene glycol and its utilization for suspension of carbonaceous nanostructures. Journal of Applied Polymer Science, 2018, 135, 46518.	2.6	0
24	Omniphilic Polysaccharide-Based Nanocarriers for Modular Molecular Delivery in a Broad Range of Biosystems. ACS Applied Materials & Interfaces, 2018, 10, 36711-36720.	8.0	12
25	Structure, Assembly, and Disassembly of Tubulin Single Rings. Biochemistry, 2018, 57, 6153-6165.	2.5	17
26	Controlling Anisotropic Growth of Colloidal ZnSe Nanostructures. Journal of the American Chemical Society, 2018, 140, 14627-14637.	13.7	41
27	Selective staining and eradication of cancer cells by protein-carrying DARPin-functionalized liposomes. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 296-305.	4.3	17
28	Delivery of Liposomal Quantum Dots via Monocytes for Imaging of Inflamed Tissue. ACS Nano, 2017, 11, 3038-3051.	14.6	38
29	Structure of Dynamic, Taxol-Stabilized, and GMPPCP-Stabilized Microtubule. Journal of Physical Chemistry B, 2017, 121, 8427-8436.	2.6	25
30	PSMA-homing dsRNA chimeric protein vector kills prostate cancer cells and activates anti-tumor bystander responses. Oncotarget, 2017, 8, 24046-24062.	1.8	6
31	Toxicity Inhibitors Protect Lipid Membranes from Disruption by AÎ²42. ACS Chemical Neuroscience, 2015, 6, 1860-1869.	3.5	28
32	Nematic Ordering of SWNT in Meso-Structured Thin Liquid Films of Polystyrenesulfonate. Langmuir, 2014, 30, 14963-14970.	3.5	3
33	Electronic and Vibrational Signatures of the Au₁₀₂(p-MBA)₄₄ Cluster. Journal of the American Chemical Society, 2011, 133, 3752-3755.	13.7	80
34	Synthesis and Characterization of Au₁₀₂(p-MBA)₄₄Nanoparticles. Journal of the American Chemical Society, 2011, 133, 2976-2982.	13.7	219
35	Selective Dispersion of Single-Walled Carbon Nanotubes in the Presence of Polymers:Â the Role of Molecular and Colloidal Length Scales. Journal of the American Chemical Society, 2004, 126, 14850-14857.	13.7	204
36	Generic Approach for Dispersing Single-Walled Carbon Nanotubes:Â The Strength of a Weak Interaction. Langmuir, 2004, 20, 6085-6088.	3.5	187

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37	Biologically Formed Amorphous Calcium Carbonate. Connective Tissue Research, 2003, 44, 214-218.	2.3	187
38	Biologically Formed Amorphous Calcium Carbonate. Connective Tissue Research, 2003, 44, 214-218.	2.3	24
39	X-Ray absorption spectroscopy studies on the structure of a biogenic â€œamorphousâ€•calcium carbonate phaseâ€Šâ€. Dalton Transactions RSC, 2000, , 3977-3982.	2.3	81