Juan P Fuenzalida

List of Publications by Year
in descending order

23	665	567281 15	642732 23
papers	citations	h-index	g-index

26	26	26	1122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure of Chitosan Determines Its Interactions with Mucin. Biomacromolecules, 2014, 15, 3550-3558.	5.4	134
2	Biophysical Analysis of the Molecular Interactions between Polysaccharides and Mucin. Biomacromolecules, 2015, 16, 924-935.	5.4	85
3	On the role of alginate structure in complexing with lysozyme andÂapplication for enzyme delivery. Food Hydrocolloids, 2016, 53, 239-248.	10.7	48
4	Comparative Study of the Self-Aggregation of Rhodamine 6G in the Presence of Poly(sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Poly(styrene-alt-maleic acid), and Poly(sodium acrylate). Journal of Physical Chemistry B, 2010, 114, 11983-11992.	2.6	45
5	Functional Supramolecular Porphyrinâ€“Dendrimer Assemblies for Light Harvesting and Photocatalysis. Macromolecules, 2017, 50, 3464-3475.	4.8	38
6	Amplification of photoacoustic effect in bimodal polymer particles by self-quenching of indocyanine green. Biomedical Optics Express, 2019, 10, 4775.	2.9	28
7	Multiplexed whole-animal imaging with reversibly switchable optoacoustic proteins. Science Advances, 2020, 6, eaaz6293.	10.3	27
8	Challenging a Preconception: Optoacoustic Spectrum Differs from the Optical Absorption Spectrum of Proteins and Dyes for Molecular Imaging. Analytical Chemistry, 2020, 92, 10717-10724.	6.5	26
9	Immobilization of Hydrophilic Low Molecular-Weight Molecules in Nanoparticles of Chitosan/Poly(sodium 4-styrenesulfonate) Assisted by Aromaticâ€“Aromatic Interactions. Journal of Physical Chemistry B, 2014, 118, 9782-9791.	2.6	25
10	Characterization of Reversibly Switchable Fluorescent Proteins in Optoacoustic Imaging. Analytical Chemistry, 2018, 90, 10527-10535.	6.5	24
11	Polysaccharide-Protein Nanoassemblies: Novel Soft Materials for Biomedical and Biotechnological Applications. Current Protein and Peptide Science, 2015, 16, 89-99.	1.4	24
12	Genetically encoded photo-switchable molecular sensors for optoacoustic and super-resolution imaging. Nature Biotechnology, 2022, 40, 598-605.	17.5	23
13	Light-Responsive Size of Self-Assembled Spiropyranâ€“Lysozyme Nanoparticles with Enzymatic Function. Biomacromolecules, 2019, 20, 979-991.	5.4	22
14	Croconaine-based nanoparticles enable efficient optoacoustic imaging of murine brain tumors. Photoacoustics, 2021, 22, 100263.	7.8	19
15	Revised domain structure of ulvan lyase and characterization of the first ulvan binding domain. Scientific Reports, 2017, 7, 44115.	3.3	17
16	Structure-Based Mutagenesis of Phycobiliprotein smURFP for Optoacoustic Imaging. ACS Chemical Biology, 2019, 14, 1896-1903.	3.4	15
17	Affinity Protein-Based FRET Tools for Cellular Tracking of Chitosan Nanoparticles and Determination of the Polymer Degree of Acetylation. Biomacromolecules, 2014, 15, 2532-2539.	5.4	14
18	Photocontrollable Proteins for Optoacoustic Imaging. Analytical Chemistry, 2019, 91, 5470-5477.	6.5	14

#	Article	IF	Citations
19	Crystal structure of a biliverdin-bound phycobiliprotein: Interdependence of oligomerization and chromophorylation. Journal of Structural Biology, 2018, 204, 519-522.	2.8	12
20	Different Models on Binding of Aromatic Counterions to Polyelectrolytes. Molecular Crystals and Liquid Crystals, 2010, 522, 136/[436]-147/[447].	0.9	8
21	New insights into the nature of the Cibacron brilliant red 3B-A â€“ Chitosan interaction. Pure and Applied Chemistry, 2016, 88, 891-904.	1.9	7
22	Metalloporphyrinâ€“polyelectrolyte assemblies in aqueous solution: Influence of the metal center and the polyelectrolyte architecture. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 484-500.	2.1	6
23	Alginate beads as a highly versatile test-sample for optoacoustic imaging. Photoacoustics, 2022, 25, 100301.	7.8	2