Anna Jagusiak

List of Publications by Year
in descending order

21	711	933447 10	713466 21
papers	citations	h-index	g-index

21	21	21	1286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon Nanomaterials for Theranostic Use. Journal of Carbon Research, 2022, 8, 3.	2.7	16
2	Antibacterial Therapy by Ag+ Ions Complexed with Titan Yellow/Congo Red and Albumin during Anticancer Therapy of Urinary Bladder Cancer. International Journal of Molecular Sciences, 2022, 23, 26.	4.1	4
3	Albumin Binds Doxorubicin via Selfâ€“Assembling Dyes as Specific Polymolecular Ligands. International Journal of Molecular Sciences, 2022, 23, 5033.	4.1	1
4	Adsorption of Evans blue and Congo red on carbon nanotubes and its influence on the fracture parameters of defective and functionalized carbon nanotubes studied using computational methods. Applied Surface Science, 2021, 539, 148236.	6.1	16
5	Structure and Location of Protein Sites Binding Self-Associated Congo Red Molecules with Intercalated Drugs as Compact Ligandsâ€”Theoretical Studies. Biomolecules, 2021, 11, 501.	4.0	3
6	Interaction of Supramolecular Congo Red and Congo Red-Doxorubicin Complexes with Proteins for Drug Carrier Design. Pharmaceutics, 2021, 13, 2027.	4.5	6
7	Controlled Release of Doxorubicin from the Drug Delivery Formulation Composed of Single-Walled Carbon Nanotubes and Congo Red: A Molecular Dynamics Study and Dynamic Light Scattering Analysis. Pharmaceutics, 2020, 12, 622.	4.5	13
8	Impact of Doxorubicin on Self-Organization of Congo Red: Quantum Chemical Calculations and Molecular Dynamics Simulations. ACS Omega, 2020, 5, 19377-19384.	3.5	6
9	Self-Assembled Supramolecular Ribbon-Like Structures Complexed to Single Walled Carbon Nanotubes as Possible Anticancer Drug Delivery Systems. International Journal of Molecular Sciences, 2019, 20, 2064.	4.1	13
10	Interaction of Congo Red, Evans Blue and Titan Yellow with doxorubicin in aqueous solutions. A molecular dynamics study. Journal of Molecular Liquids, 2019, 279, 640-648.	4.9	15
11	An outline of the use of supramolecular compounds in biology and medicine. Acta Biochimica Polonica, 2019, 66, 545-549.	0.5	2
12	Congo red fluorescence upon binding to macromolecules â€“ a possible explanation for the enhanced intensity. Bio-Algorithms and Med-Systems, 2017, 13, 69-78.	2.4	6
13	Dispersion of single-wall carbon nanotubes with supramolecular Congo red â€“ properties of the complexes and mechanism of the interaction. Beilstein Journal of Nanotechnology, 2017, 8, 636-648.	2.8	9
14	Shortening and dispersion of single-walled carbon nanotubes upon interaction with mixed supramolecular compounds. Bio-Algorithms and Med-Systems, 2016, 12, 123-132.	2.4	4
15	The use of Titan yellow dye as a metal ion binding marker for studies on the formation of specific complexes by supramolecular Congo red. Bio-Algorithms and Med-Systems, 2015, 11, 9-17.	2.4	9
16	Molecular dynamics study of Congo red interaction with carbon nanotubes. RSC Advances, 2014, 4, 47304-47312.	3.6	30
17	Role of Intermolecular Interactions in Assemblies of Nanocontainers Composed of Carbon Nanotubes and Magnetic Nanoparticles: A Molecular Dynamics Study. Journal of Physical Chemistry C, 2014, 118, 1353-1363.	3.1	11
18	Carbon nanotubes for delivery of small molecule drugs. Advanced Drug Delivery Reviews, 2013, 65, 1964-2015.	13.7	498

#	Article	IF	Citations
19	Influence of the electric field on supramolecular structure and properties of amyloid-specific reagent Congo red. European Biophysics Journal, 2011, 40, 1187-1196.	2.2	14
20	Formation of amyloid-like aggregates through the attachment of protein molecules to a Congo red scaffolding framework ordered under the influence of an electric field. Open Chemistry, 2010, 8, 41-50.	1.9	1
21	Research Article: The Use of Rigid, Fibrillar Congo Red Nanostructures for Scaffolding Protein Assemblies and Inducing the Formation of Amyloidâ€like Arrangement of Molecules. Chemical Biology and Drug Design, 2007, 70, 491-501.	3.2	34