

Anna Jagusiak

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

711
citations

933447

10
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotubes for delivery of small molecule drugs. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1964-2015.	13.7	498
2	Research Article: The Use of Rigid, Fibrillar Congo Red Nanostructures for Scaffolding Protein Assemblies and Inducing the Formation of Amyloid-like Arrangement of Molecules. <i>Chemical Biology and Drug Design</i> , 2007, 70, 491-501.	3.2	34
3	Molecular dynamics study of Congo red interaction with carbon nanotubes. <i>RSC Advances</i> , 2014, 4, 47304-47312.	3.6	30
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. <i>Applied Surface Science</i> , 2021, 539, 148236.	6.1	16
5	Carbon Nanomaterials for Theranostic Use. <i>Journal of Carbon Research</i> , 2022, 8, 3.	2.7	16
6	Interaction of Congo Red, Evans Blue and Titan Yellow with doxorubicin in aqueous solutions. A molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2019, 279, 640-648.	4.9	15
7	Influence of the electric field on supramolecular structure and properties of amyloid-specific reagent Congo red. <i>European Biophysics Journal</i> , 2011, 40, 1187-1196.	2.2	14
8	Self-Assembled Supramolecular Ribbon-Like Structures Complexed to Single Walled Carbon Nanotubes as Possible Anticancer Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2064.	4.1	13
9	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. <i>Pharmaceutics</i> , 2020, 12, 622.	4.5	13
10	Role of Intermolecular Interactions in Assemblies of Nanocontainers Composed of Carbon Nanotubes and Magnetic Nanoparticles: A Molecular Dynamics Study. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1353-1363.	3.1	11
11	The use of Titan yellow dye as a metal ion binding marker for studies on the formation of specific complexes by supramolecular Congo red. <i>Bio-Algorithms and Med-Systems</i> , 2015, 11, 9-17.	2.4	9
12	Dispersion of single-wall carbon nanotubes with supramolecular Congo red – properties of the complexes and mechanism of the interaction. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 636-648.	2.8	9
13	Congo red fluorescence upon binding to macromolecules – a possible explanation for the enhanced intensity. <i>Bio-Algorithms and Med-Systems</i> , 2017, 13, 69-78.	2.4	6
14	Impact of Doxorubicin on Self-Organization of Congo Red: Quantum Chemical Calculations and Molecular Dynamics Simulations. <i>ACS Omega</i> , 2020, 5, 19377-19384.	3.5	6
15	Interaction of Supramolecular Congo Red and Congo Red-Doxorubicin Complexes with Proteins for Drug Carrier Design. <i>Pharmaceutics</i> , 2021, 13, 2027.	4.5	6
16	Shortening and dispersion of single-walled carbon nanotubes upon interaction with mixed supramolecular compounds. <i>Bio-Algorithms and Med-Systems</i> , 2016, 12, 123-132.	2.4	4
17	Antibacterial Therapy by Ag ⁺ Ions Complexed with Titan Yellow/Congo Red and Albumin during Anticancer Therapy of Urinary Bladder Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 26.	4.1	4
18	Structure and Location of Protein Sites Binding Self-Associated Congo Red Molecules with Intercalated Drugs as Compact Ligands – Theoretical Studies. <i>Biomolecules</i> , 2021, 11, 501.	4.0	3

#	ARTICLE	IF	CITATIONS
19	An outline of the use of supramolecular compounds in biology and medicine. Acta Biochimica Polonica, 2019, 66, 545-549.	0.5	2
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	Albumin Binds Doxorubicin via Self-Assembling Dyes as Specific Polymolecular Ligands. International Journal of Molecular Sciences, 2022, 23, 5033.	4.1	1