

List of Publications by Year
in descending order

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46
papers

1,325
citations

279798
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docs citations

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times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of β -cyperone with human serum albumin: Determination of the binding site by using Discovery Studio and via spectroscopic methods. <i>Journal of Luminescence</i> , 2015, 164, 81-85.	3.1	90
2	Effects of high-intensity ultrasonic (HIU) treatment on the functional properties and assemblage structure of egg yolk. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104767.	8.2	90
3	Underlying mechanism for the differences in heat-induced gel properties between thick egg whites and thin egg whites: Gel properties, structure and quantitative proteome analysis. <i>Food Hydrocolloids</i> , 2020, 106, 105873.	10.7	85
4	Characterisation of interaction between food colourant allura red AC and human serum albumin: Multispectroscopic analyses and docking simulations. <i>Food Chemistry</i> , 2015, 170, 423-429.	8.2	78
5	Quantitative N-glycoproteomic analyses provide insights into the effects of thermal processes on egg white functional properties. <i>Food Chemistry</i> , 2021, 342, 128252.	8.2	57
6	How black tea pigment theaflavin dyes chicken eggs: Binding affinity study of theaflavin with ovalbumin. <i>Food Chemistry</i> , 2020, 303, 125407.	8.2	53
7	Interaction mechanisms and structure-affinity relationships between hyperoside and soybean β -conglycinin and glycinin. <i>Food Chemistry</i> , 2021, 347, 129052.	8.2	53
8	Unravelling the binding mechanism of benproperine with human serum albumin: A docking, fluorometric, and thermodynamic approach. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 245-250.	5.5	47
9	Posaconazole/hydroxypropyl- β -cyclodextrin host-guest system: Improving dissolution while maintaining antifungal activity. <i>Carbohydrate Polymers</i> , 2016, 142, 16-23.	10.2	43
10	Tandem mass tag-labeled quantitative proteomic analysis of tenderloins between Tibetan and Yorkshire pigs. <i>Meat Science</i> , 2021, 172, 108343.	5.5	40
11	Delivery of hyperoside by using a soybean protein isolated-soy soluble polysaccharide nanocomplex: Fabrication, characterization, and in vitro release properties. <i>Food Chemistry</i> , 2022, 386, 132837.	8.2	40
12	Binding mechanism and functional evaluation of quercetin 3-rhamnoside on lipase. <i>Food Chemistry</i> , 2021, 359, 129960.	8.2	39
13	Study on the interaction of ertugliflozin with human serum albumin in vitro by multispectroscopic methods, molecular docking, and molecular dynamics simulation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 83-90.	3.9	38
14	Determination of interactions between human serum albumin and niraparib through multi-spectroscopic and computational methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 126-134.	3.9	36
15	Spectroscopy study and co-administration effect on the interaction of mycophenolic acid and human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2015, 77, 280-286.	7.5	35
16	In vitro investigation of the interaction between the hepatitis C virus drug sofosbuvir and human serum albumin through ^1H NMR, molecular docking, and spectroscopic analyses. <i>New Journal of Chemistry</i> , 2016, 40, 2530-2540.	2.8	33
17	Molecular aggregation and property changes of egg yolk low-density lipoprotein induced by ethanol and high-density ultrasound. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104933.	8.2	32
18	Comparative analysis of the interaction of mono-, dis-, and tris-azo food dyes with egg white lysozyme: A combined spectroscopic and computational simulation approach. <i>Food Chemistry</i> , 2019, 284, 180-187.	8.2	30

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19	Interaction of inosine with human serum albumin as determined by NMR relaxation data and fluorescence methodology. <i>Journal of Molecular Liquids</i> , 2016, 219, 547-553.	4.9	25
20	Interaction of novel Aurora kinase inhibitor MK-0457 with human serum albumin: Insights into the dynamic behavior, binding mechanism, conformation and esterase activity of human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112962.	2.8	25
21	Binding properties and structure–affinity relationships of food antioxidant butylated hydroxyanisole and its metabolites with lysozyme. <i>Food Chemistry</i> , 2015, 188, 370-376.	8.2	24
22	Dimethyl- β -cyclodextrin/salazosulfapyridine inclusion complex-loaded chitosan nanoparticles for sustained release. <i>Carbohydrate Polymers</i> , 2017, 156, 215-222.	10.2	24
23	Binding mechanism and antioxidant activity of piperine to hemoglobin. <i>Food Chemistry</i> , 2022, 394, 133558.	8.2	24
24	Binding mechanism of tauroursodeoxycholic acid to human serum albumin: insights from NMR relaxation and docking simulations. <i>RSC Advances</i> , 2015, 5, 11036-11042.	3.6	23
25	Two birds with one stone: Copper metal-organic framework as a carrier of disulfiram prodrug for cancer therapy. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121351.	5.2	23
26	Spectral and molecular modeling studies on the influence of β -cyclodextrin and its derivatives on aripiprazole-human serum albumin binding. <i>Carbohydrate Polymers</i> , 2015, 131, 65-74.	10.2	21
27	A Red-Light Azobenzene Di-Maleimide Photoswitch: Pros and Cons. <i>Advanced Optical Materials</i> , 2016, 4, 1402-1409.	7.3	21
28	Investigation on the Interaction of Dabrafenib with Human Serum Albumin Using Combined Experiment and Molecular Dynamics Simulation: Exploring the Binding Mechanism, Esterase-like Activity, and Antioxidant Activity. <i>Molecular Pharmaceutics</i> , 2018, 15, 5637-5645.	4.6	21
29	In-vitro binding analysis and inhibitory effect of capsaicin on lipase. <i>LWT - Food Science and Technology</i> , 2022, 154, 112674.	5.2	20
30	Interactions of the cis and trans states of an azobenzene photoswitch with lysozyme induced by red and blue light. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117965.	3.9	16
31	Two solid forms of tauroursodeoxycholic acid and the effects of milling and storage temperature on solid-state transformations. <i>International Journal of Pharmaceutics</i> , 2015, 486, 185-194.	5.2	15
32	Binding mechanism of the tyrosine-kinase inhibitor nilotinib to human serum albumin determined by ^1H STD NMR, ^{19}F NMR, and molecular modeling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 1-9.	2.8	15
33	Study of the interaction of broad-spectrum antimicrobial drug sitafloxacin with human serum albumin using spectroscopic methods, molecular docking, and molecular dynamics simulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 397-403.	2.8	15
34	Comparative analysis of the interaction of capecitabine and gefitinib with human serum albumin using ^{19}F nuclear magnetic resonance-based approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 15-20.	2.8	14
35	Computational and spectroscopic analysis of interaction between food colorant citrus red 2 and human serum albumin. <i>Scientific Reports</i> , 2019, 9, 1615.	3.3	13
36	Determination of the DNA binding properties of a novel PARP inhibitor MK-4827 with calf-thymus DNA by molecular simulations and detailed spectroscopic investigations. <i>New Journal of Chemistry</i> , 2019, 43, 6702-6711.	2.8	10

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37	Injectable thermosensitive lipo-hydrogels loaded with ropivacaine for prolonging local anesthesia. International Journal of Pharmaceutics, 2022, 611, 121291.	5.2	10
38	Optimizing organic amendment applications to enhance carbon sequestration and economic benefits in an infertile sandy soil. Journal of Environmental Management, 2022, 303, 114129.	7.8	10
39	Binding properties of sodium glucose co-transporter-2 inhibitor empagliflozin to human serum albumin: spectroscopic methods and computer simulations. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3178-3187.	3.5	7
40	Comparative analysis of the interaction between azobenzene di-maleimide and human serum albumin/lysozyme. Journal of Molecular Structure, 2022, 1252, 132179.	3.6	7
41	Quantitative N-glycoproteome analysis of bovine milk and yogurt. Current Research in Food Science, 2022, 5, 182-190.	5.8	7
42	An Investigation into the Polymorphism and Crystallization of Levetiracetam and the Stability of its Solid Form. Journal of Pharmaceutical Sciences, 2015, 104, 4123-4131.	3.3	5
43	Effects of microsize on the biocompatibility of UiO67 from protein-adsorption behavior, hemocompatibility, and histological toxicity. Journal of Hazardous Materials, 2022, 435, 129042.	12.4	5
44	Four solid forms of tauroursodeoxycholic acid and solid-state transformations: effects of temperature and milling. RSC Advances, 2015, 5, 96392-96403.	3.6	3
45	Simulation-guided relationships and interaction characteristics of human CtBP1 in complex with protocatechualdehyde. Journal of Molecular Liquids, 2022, 360, 119507.	4.9	2
46	Transmission success probability analysis of vehicle users with mobile relays under mobility models. Science China Information Sciences, 2020, 63, 1.	4.3	1