

Yan-Jun Hu

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

3,421

citations

24

h-index

58

g-index

62

ext. papers

3,666

ext. citations

4.4

avg, IF

5.11

L-index

#	Paper	IF	Citations
62	Study of the interaction between monoammonium glycyrrhizinate and bovine serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 36, 915-9	3.5	550
61	Studies of interaction between colchicine and bovine serum albumin by fluorescence quenching method. <i>Journal of Molecular Structure</i> , 2005 , 750, 174-178	3.4	388
60	Investigation of the interaction between Berberine and human serum albumin. <i>Biomacromolecules</i> , 2009 , 10, 517-21	6.9	370
59	Site-selective binding of human serum albumin by palmatine: spectroscopic approach. <i>Biomacromolecules</i> , 2010 , 11, 106-12	6.9	226
58	Studies on the interaction between 1-hexylcarbonyl-5-fluorouracil and bovine serum albumin. <i>Journal of Molecular Structure</i> , 2005 , 738, 143-147	3.4	222
57	Interaction of cromolyn sodium with human serum albumin: a fluorescence quenching study. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 6609-14	3.4	218
56	Molecular spectroscopy evidence of berberine binding to DNA: comparative binding and thermodynamic profile of intercalation. <i>Biomacromolecules</i> , 2012 , 13, 873-80	6.9	196
55	Fluorometric investigation of the interaction of bovine serum albumin with surfactants and 6-mercaptopurine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005 , 80, 235-42	6.7	110
54	Binding of anti-inflammatory drug cromolyn sodium to bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2006 , 39, 280-5	7.9	107
53	Fluorometric investigation of the interaction between methylene blue and human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 39, 740-5	3.5	70
52	Characterize the interaction between naringenin and bovine serum albumin using spectroscopic approach. <i>Journal of Luminescence</i> , 2010 , 130, 1394-1399	3.8	64
51	Molecular spectroscopic studies on the interaction of morin with bovine serum albumin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 112, 16-22	6.7	62
50	Binding of berberine to bovine serum albumin: spectroscopic approach. <i>Molecular Biology Reports</i> , 2010 , 37, 3827-32	2.8	58
49	Spectroscopic studies on the interaction between 3,4,5-trimethoxybenzoic acid and bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 65, 988-92	4.4	58
48	Inhibitory study of some novel Schiff base derivatives on Staphylococcus aureus by microcalorimetry. <i>Thermochimica Acta</i> , 2006 , 440, 51-56	2.9	52
47	Interaction of colchicine with human serum albumin investigated by spectroscopic methods. <i>International Journal of Biological Macromolecules</i> , 2005 , 37, 122-6	7.9	47
46	Evaluation of the interaction between naringenin and human serum albumin: Insights from fluorescence spectroscopy, electrochemical measurement and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 536-43	4.4	40

45	Highly selective and sensitive detection of Hg ²⁺ based on fluorescence enhancement of Mn-doped ZnSe QDs by Hg ²⁺ -Mn ²⁺ replacement. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 8-15	8.5	31
44	Investigations of the molecular interactions between nisoldipine and human serum albumin in vitro using multi-spectroscopy, electrochemistry and docking studies. <i>Journal of Molecular Liquids</i> , 2018 , 258, 155-162	6	28
43	Study of the structure-activity relationship of flavonoids based on their interaction with human serum albumin. <i>RSC Advances</i> , 2015 , 5, 73290-73300	3.7	27
42	The specific binding of chlorogenic acid to human serum albumin. <i>Molecular Biology Reports</i> , 2012 , 39, 2781-7	2.8	27
41	Exploring the site-selective binding of jatrorrhizine to human serum albumin: spectroscopic and molecular modeling approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 117, 163-9	4.4	26
40	Investigation of the Interaction Between Ofloxacin and Bovine Serum Albumin: Spectroscopic Approach. <i>Journal of Solution Chemistry</i> , 2010 , 39, 709-717	1.8	25
39	Structure-activity relationship study between baicalein and wogonin by spectrometry, molecular docking and microcalorimetry. <i>Food Chemistry</i> , 2016 , 208, 192-8	8.5	25
38	Green synthesis and physical characterization of Au nanoparticles and their interaction with bovine serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 107-114	6	23
37	Unraveling the coptisine-DNA binding mechanism by multispectroscopic, electrochemical and molecular docking methods. <i>RSC Advances</i> , 2015 , 5, 47367-47376	3.7	22
36	Understanding the structure-activity relationship between quercetin and naringenin: in vitro. <i>RSC Advances</i> , 2015 , 5, 106171-106181	3.7	22
35	Affinity and specificity of ciprofloxacin-bovine serum albumin interactions: spectroscopic approach. <i>Protein Journal</i> , 2010 , 29, 234-41	3.9	22
34	Development of morin-conjugated Au nanoparticles: exploring the interaction efficiency with BSA using spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 130, 402-10	4.4	21
33	Exploring the binding of carbon dots to calf thymus DNA: From green synthesis to fluorescent molecular probe. <i>Carbon</i> , 2018 , 130, 257-266	10.4	20
32	Study of caffeine binding to human serum albumin using optical spectroscopic methods. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 2205-2212		20
31	Interaction of flavones with DNA in vitro: structure-activity relationships. <i>RSC Advances</i> , 2015 , 5, 33058-33066	3.7	19
30	Exploiting the role of resveratrol in rat mitochondrial permeability transition. <i>Journal of Membrane Biology</i> , 2013 , 246, 365-73	2.3	18
29	Determination of the specific interaction between palmatine and bovine serum albumin. <i>Molecular Biology Reports</i> , 2012 , 39, 5495-501	2.8	18
28	Spectroscopic exploring the affinities, characteristics, and mode of binding interaction of curcumin with DNA. <i>Molecular Biology Reports</i> , 2013 , 40, 4405-13	2.8	17

27	Binding properties of palmatine to DNA: spectroscopic and molecular modeling investigations. <i>Luminescence</i> , 2015 , 30, 1344-51	2.5	16
26	Probing the Binding of Rifampicin to Bovine Serum Albumin in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2011 , 40, 1711-1723	1.8	15
25	A series of novel rare Earth molybdotungstosilicate heteropolyoxometalates binding to bovine serum albumin: spectroscopic approach. <i>Biological Trace Element Research</i> , 2010 , 136, 8-17	4.5	13
24	Deciphering the interaction of methotrexate with DNA: Spectroscopic and molecular docking study. <i>Journal of Molecular Liquids</i> , 2017 , 248, 1-6	6	12
23	Biophysical studies on the interactions of jatrorrhizine with bovine serum albumin by spectroscopic and molecular modeling methods. <i>Molecular Biology Reports</i> , 2013 , 40, 4397-404	2.8	12
22	Interaction of Caffeine with Bovine Serum Albumin: Determination of Binding Constants and the Binding Site by Spectroscopic Methods. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 433-440	4.9	12
21	Quasi-spherical silver nanoparticles with high dispersity and uniform sizes: preparation, characterization and bioactivity in their interaction with bovine serum albumin. <i>Luminescence</i> , 2016 , 31, 1146-1151	2.5	11
20	Multispectroscopic, electrochemical and molecular docking approaches on binding comparison of camptothecin, 10-hydroxycamptothecin to bovine serum albumin. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115296	6	10
19	A mitochondria-targeted organic arsenical accelerates mitochondrial metabolic disorder and function injury. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 760-768	3.4	10
18	Insights into the interaction of methotrexate and human serum albumin: A spectroscopic and molecular modeling approach. <i>Luminescence</i> , 2017 , 32, 873-879	2.5	8
17	One-pot synthesis and characterization CdTe:Zn quantum dots and its molecular interaction with calf thymus DNA. <i>Journal of Molecular Recognition</i> , 2018 , 31, e2691	2.6	7
16	A sensitive fluorescent sensor based on the photoinduced electron transfer mechanism for cefixime and ctDNA. <i>Journal of Molecular Recognition</i> , 2020 , 33, e2816	2.6	6
15	In vitro binding comparison of cephalosporins to human serum albumin by spectroscopy and molecular docking approaches: A novel structural pursuing. <i>Journal of Molecular Liquids</i> , 2017 , 248, 168-176	6	5
14	Insights into the interaction of human serum albumin and carbon dots: Hydrothermal synthesis and biophysical study. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 1118-1129	7.9	5
13	Probing the interaction of cephalosporin with bovine serum albumin: A structural and comparative perspective. <i>Luminescence</i> , 2018 , 33, 209-218	2.5	5
12	Antibacterial Properties of a Kind of Schiff Base and Its Neodymium(III) and Zn(II) Complex (ZnNdL) on Escherichia coli. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 1657-1662	4.9	5
11	Novel rare earth tungstoarsenate heteropolyoxometalates $K_{11}[Ln(AsW_{11}O_{39})_2] \cdot xH_2O$ (Ln = La, Nd, Sm) binding to bovine serum albumin: spectroscopic approach. <i>Biological Trace Element Research</i> , 2015 , 163, 275-82	4.5	3
10	Biological activation of heteropoly complex of molybdotungstosilicate containing lanthanum $K_{10}H_3La(SiMo_6W_5O_{39})_2 \cdot 26H_2O$: spectroscopic approach and microcalorimetry. <i>Biological Trace Element Research</i> , 2010 , 135, 314-24	4.5	3

9	Effect of berberine hydrochloride-functionalized gold nanoparticles on calf thymus DNA: a biophysical study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 4025-4031	3.6	3
8	Comparative study of two cephalosporin antibiotics binding to calf thymus DNA by multispectroscopy, electrochemistry, and molecular docking. <i>Luminescence</i> , 2020 , 35, 52-61	2.5	3
7	Lanthanide salts of heteropoly molybdotungstosilicate LnHSiMo ₁₀ W ₂ O ₄₀ ·xH ₂ O (Ln = Pr, Nd, Sm, Gd, Tb, Dy, Yb) binding to bovine serum albumin: a fluorescence quenching study. <i>Biological Trace Element Research</i> , 2012 , 147, 359-65	4.5	2
6	Dual-ratiometric fluorescence probe for viscosity and hypochlorite based on AIEgen with mitochondria-targeting ability.. <i>Talanta</i> , 2022 , 241, 123235	6.2	2
5	Synthesis of novel 3-fluorooxindoles and their affinity probing with serum albumin: Using multi-spectral, electrochemical, and molecular docking. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117615	6	2
4	Interactions between Two Kinds of Gold Nanoclusters and Calf Thymus Deoxyribonucleic Acid: Directions for Preparations to Applications. <i>Biomacromolecules</i> , 2021 , 22, 4738-4747	6.9	1
3	Preparation of graphene quantum dots with glycine as nitrogen source and its interaction with human serum albumin. <i>Luminescence</i> , 2021 , 36, 894-903	2.5	1
2	Synthesis of a IAP antagonist analogue and its binding investigation with BSA/HSA. <i>Journal of Molecular Structure</i> , 2021 , 1251, 131989	3.4	0
1	Structure-dependent of 3-fluorooxindole derivatives interacting with ctDNA: Binding effects and molecular docking approaches.. <i>Bioorganic Chemistry</i> , 2022 , 121, 105698	5.1	0