Hui Li

List of Publications by Year
in descending order

192 papers	3,680 citations	172457 29 h-index	214800 47 g-index
195 all docs	195 docs citations	195 times ranked	4385 citing authors

#	Article	IF	Citations
1	Interaction between berberine hydrochloride and Î²-lactoglobulin of two structures by heat treatment. Food Hydrocolloids, 2022, 123, 107168.	10.7	6
2	Comparative analysis of the interaction between azobenzene di-maleimide and human serum albumin/lysozyme. Journal of Molecular Structure, 2022, 1252, 132179.	3.6	7
3	Solubility measurement, thermodynamic modeling, and molecular dynamic simulation of regorafenib in pure and binary solvents. Journal of Chemical Thermodynamics, 2022, 167, 106720.	2.0	10
4	Study on the interaction between 2,6-dihydroxybenzoic acid nicotine salt and human serum albumin by multi-spectroscopy and molecular dynamics simulation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120868.	3.9	15
5	Study on the interactions between nicotine Î³-rezocine formic acid salt and pepsin: Multispectroscopy, molecular docking, and molecular dynamics simulation. Journal of Molecular Structure, 2022, 1254, 132414.	3.6	4
6	Cyclodextrin and its derivatives as effective excipients for amorphous ulipristal acetate systems. RSC Advances, 2022, 12, 9170-9178.	3.6	3
7	Self-Delivery Janus-Prodrug for Precise Immuno-Chemotherapy of Colitis-Associated Colorectal Cancer. ACS Applied Materials & Interfaces, 2022, 14, 297-306.	8.0	4
8	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
9	Simulation-guided relationships and interaction characteristics of human CtBP1 in complex with protocatechualdehyde. Journal of Molecular Liquids, 2022, 360, 119507.	4.9	2
10	Binding mechanism and antioxidant activity of piperine to hemoglobin. Food Chemistry, 2022, 394, 133558.	8.2	24
11	Unveiling the interaction mechanism of alogliptin benzoate with human serum albumin: Insights from spectroscopy, microcalorimetry, and molecular docking and molecular dynamics analyses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 246, 119040.	3.9	18
12	Hierarchical coreâ€“shell nanoplatforms constructed from Fe₃O₄@C and metalâ€“organic frameworks with excellent bilirubin removal performance. Journal of Materials Chemistry B, 2021, 9, 5628-5635.	5.8	16
13	X-ray powder diffraction data for nicotine 3,5-dihydroxybenzoate dihydrate, C₁₀H₁₅N₂â‹…C₇H₅O₄â‹…2H₂O. Powder Diffraction, 2021, 36, 25-28.	0.8	1
14	Pharmaceutical application of multivariate modelling techniques: a review on the manufacturing of tablets. RSC Advances, 2021, 11, 8323-8345.	3.6	9
15	Study of conformational and functional changes caused by binding of environmental pollutant tonalide to human serum albumin. Chemosphere, 2021, 270, 129431.	8.2	23
16	Interaction mechanisms and structure-affinity relationships between hyperoside and soybean Î²-conglycinin and glycinin. Food Chemistry, 2021, 347, 129052.	8.2	53
17	How hydrophilic group affects drugâ€“protein binding modes: Differences in interaction between sirtuins inhibitors Tenovin-1/Tenovin-6 and human serum albumin. Journal of Pharmaceutical and Biomedical Analysis, 2021, 201, 114121.	2.8	4
18	Lentinan as a natural stabilizer with bioactivities for preparation of drugâ€“drug nanosuspensions. International Journal of Biological Macromolecules, 2021, 184, 101-108.	7.5	18

#	Article	IF	Citations
19	Molecular recognition patterns between vitamin B12 and human serum albumin explored through STDâ€“NMR and spectroscopic methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 258, 119828.	3.9	8
20	Binding mechanism and functional evaluation of quercetin 3-rhamnoside on lipase. Food Chemistry, 2021, 359, 129960.	8.2	39
21	A New Reasonable Interpretation of Azilsartan Form II: a Hydrate. Journal of Molecular Structure, 2021, 1243, 130867.	3.6	0
22	A pH-sensitive T7 peptide-decorated liposome system for HER2 inhibitor extracellular delivery: an application for the efficient suppression of HER2+ breast cancer. Journal of Materials Chemistry B, 2021, 9, 8768-8778.	5.8	7
23	Microcrystalline cellulose as an effective crystal growth inhibitor for the ternary Ibrutinib formulation. Carbohydrate Polymers, 2020, 229, 115476.	10.2	24
24	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
25	Chitosan/Sulfobutylether-Î²-Cyclodextrin Nanoparticles for Ibrutinib Delivery: A Potential Nanoformulation of Novel Kinase Inhibitor. Journal of Pharmaceutical Sciences, 2020, 109, 1136-1144.	3.3	31
26	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. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112962.	2.8	25
27	X-ray powder diffraction data for eluxadoline nitrate monohydrate, C₃₂H₃₅N₅O₅â‹…2HNO₃â‹…H₂O. Powder Diffraction, 2020, 35, 213-215.	0.2	0
28	Fabrication of carboxymethyl functionalized Î²-cyclodextrin-modified graphene oxide for efficient removal of methylene blue. Arabian Journal of Chemistry, 2020, 13, 7020-7031.	4.9	13
29	Experimental and computer simulation investigations of ethyl red with modified Î²-cyclodextrins: Inclusion mechanism and structure characterization. Chemical Physics Letters, 2020, 754, 137725.	2.6	5
30	Characterizing the interaction between methyl ferulate and human serum albumin by saturation transfer difference NMR. RSC Advances, 2020, 10, 32999-33009.	3.6	7
31	Preparation of a carboxymethyl Î²-cyclodextrin polymer and its rapid adsorption performance for basic fuchsin. RSC Advances, 2020, 10, 20905-20914.	3.6	15
32	Study on the synthesis and drug-loading optimization of beta-cyclodextrin polymer microspheres containing ornidazole. Journal of Drug Delivery Science and Technology, 2020, 58, 101836.	3.0	4
33	Insights into the interaction of ulipristal acetate and human serum albumin using multi-spectroscopic methods, molecular docking, and dynamic simulation. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2989-2998.	3.5	21
34	Determination of interactions between human serum albumin and niraparib through multi-spectroscopic and computational methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 126-134.	3.9	36
35	Preparation, Characterization, and Properties of Inclusion Complexes of Balofloxacin with Cyclodextrins. AAPS PharmSciTech, 2019, 20, 278.	3.3	3
36	Protein corona of metal-organic framework nanoparticals: Study on the adsorption behavior of protein and cell interaction. International Journal of Biological Macromolecules, 2019, 140, 709-718.	7.5	31

#	Article	IF	Citations
37	A self-assembled, ROS-responsive Janus-prodrug for targeted therapy of inflammatory bowel disease. Journal of Controlled Release, 2019, 316, 66-78.	9.9	48
38	Solid dispersions of telaprevir with improved solubility prepared by co-milling: formulation, physicochemical characterization, and cytotoxicity evaluation. Materials Science and Engineering C, 2019, 105, 110012.	7.3	24
39	Differences between the binding modes of enantiomers S/R-nicotine to acetylcholinesterase. RSC Advances, 2019, 9, 1428-1440.	3.6	13
40	Co-amorphous palbociclibâ€“organic acid systems with increased dissolution rate, enhanced physical stability and equivalent biosafety. RSC Advances, 2019, 9, 3946-3955.	3.6	24
41	Comparative analysis of the interaction of mono-, dis-, and tris-azo food dyes with egg white lysozyme: A combined spectroscopic and computational simulation approach. Food Chemistry, 2019, 284, 180-187.	8.2	30
42	Insights into intramolecular charge transfer fluorescent probes for recognizing human serum albumin. Journal of Luminescence, 2019, 213, 530-537.	3.1	13
43	Study on the interaction of ertugliflozin with human serum albumin in vitro by multispectroscopic methods, molecular docking, and molecular dynamics simulation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 83-90.	3.9	38
44	Determination of the DNA binding properties of a novel PARP inhibitor MK-4827 with calf-thymus DNA by molecular simulations and detailed spectroscopic investigations. New Journal of Chemistry, 2019, 43, 6702-6711.	2.8	10
45	A simple and green method to construct cyclodextrin polymer for the effective and simultaneous estrogen pollutant and metal removal. Chemical Engineering Journal, 2019, 366, 598-607.	12.7	76
46	Synthesis, structure, and DNA-binding study of a novel Zn (II) complex with fleroxacin and 1,10-phenanthroline monohydrate. Inorganic Chemistry Communication, 2019, 103, 6-11.	3.9	2
47	Insights into protein recognition for Î³-lactone essences and the effect of side chains on interaction via microscopic, spectroscopic, and simulative technologies. Food Chemistry, 2019, 278, 127-135.	8.2	19
48	Capecitabine as a minor groove binder of DNA: molecular docking, molecular dynamics, and multi-spectroscopic studies. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1451-1463.	3.5	21
49	Mechanism and structure studies of cinnamaldehyde/cyclodextrins inclusions by computer simulation and NMR technology. Carbohydrate Polymers, 2018, 194, 294-302.	10.2	37
50	Characterization and antioxidant activity of the complexes of tertiary butylhydroquinone with Î²-cyclodextrin and its derivatives. Food Chemistry, 2018, 260, 183-192.	8.2	62
51	Quantitative Monitoring the Anti-Solvent Crystallization and Storage Process for Nandrolone by Near-Infrared Spectroscopy. Journal of Pharmaceutical Sciences, 2018, 107, 1928-1936.	3.3	4
52	Unravelling the binding mechanism of benproperine with human serum albumin: A docking, fluorometric, and thermodynamic approach. European Journal of Medicinal Chemistry, 2018, 146, 245-250.	5.5	47
53	Combined spectroscopy methods and molecular simulations for the binding properties of trametinib to human serum albumin. RSC Advances, 2018, 8, 4742-4749.	3.6	18
54	Honokiol nanoparticles based on epigallocatechin gallate functionalized chitin to enhance therapeutic effects against liver cancer. International Journal of Pharmaceutics, 2018, 545, 74-83.	5.2	39

#	Article	IF	Citations
55	Rapid and efficient removal of estrogenic pollutants from water by using beta- and gamma-cyclodextrin polymers. Chemical Engineering Journal, 2018, 344, 514-523.	12.7	69
56	Interactions of cinnamaldehyde and its metabolite cinnamic acid with human serum albumin and interference of other food additives. Food Chemistry, 2018, 243, 74-81.	8.2	57
57	Propyl gallate/cyclodextrin supramolecular complexes with enhanced solubility and radical scavenging capacity. Food Chemistry, 2018, 245, 1062-1069.	8.2	37
58	Exploring the binding pattern between pepsin and deferasirox using detailed experimental and computer simulation methods. RSC Advances, 2018, 8, 37208-37218.	3.6	8
59	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. Molecular Pharmaceutics, 2018, 15, 5637-5645.	4.6	21
60	Interaction mechanism of olaparib binding to human serum albumin investigated with NMR relaxation data and computational methods. RSC Advances, 2018, 8, 31555-31563.	3.6	2
61	Interaction between trelagliptin and pepsin through spectroscopy methods and molecular dynamics simulation. Spectroscopy Letters, 2018, 51, 332-339.	1.0	4
62	Binding behavior of trelagliptin and human serum albumin: Molecular docking, dynamical simulation, and multi-spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 202, 187-195.	3.9	25
63	Characterization of the binding of a novel antitumor drug ibrutinib with human serum albumin: Insights from spectroscopic, calorimetric and docking studies. Journal of Photochemistry and Photobiology B: Biology, 2018, 184, 18-26.	3.8	38
64	Studies of the binding properties of the food preservative thiabendazole to DNA by computer simulations and NMR relaxation. RSC Advances, 2018, 8, 20295-20303.	3.6	5
65	Mesalazine/hydroxypropyl-Î²-cyclodextrin/chitosan nanoparticles with sustained release and enhanced anti-inflammation activity. Carbohydrate Polymers, 2018, 198, 418-425.	10.2	48
66	Study of the interaction of broad-spectrum antimicrobial drug sitafloxacin with human serum albumin using spectroscopic methods, molecular docking, and molecular dynamics simulation. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 397-403.	2.8	15
67	Interactions between the antiviral drug telaprevir and human serum albumin: a combined study with spectroscopic methods and molecular modeling. New Journal of Chemistry, 2018, 42, 9791-9800.	2.8	15
68	Characterization and In Vitro Evaluation of the Complexes of Posaconazole with Î²- and 2,6-di-O-methyl-Î²-cyclodextrin. AAPS PharmSciTech, 2017, 18, 104-114.	3.3	19
69	Probing the binding of Azilsartan to DNA by molecular docking, steady-state/time-resolved fluorescence, viscosity, infrared, and circular dichroism spectra. Spectroscopy Letters, 2017, 50, 39-47.	1.0	3
70	Novel poly(ADP-ribose) polymerase inhibitor veliparib: biophysical studies on its binding to calf thymus DNA. RSC Advances, 2017, 7, 10242-10251.	3.6	17
71	Studies of DNA-binding properties of lafutidine as adjuvant anticancer agent to calf thymus DNA using multi-spectroscopic approaches, NMR relaxation data, molecular docking and dynamical simulation. International Journal of Biological Macromolecules, 2017, 99, 79-87.	7.5	27
72	Effects of Temperature and Solvent on the Solid-State Transformations of Pranlukast During Mechanical Milling. Journal of Pharmaceutical Sciences, 2017, 106, 1680-1687.	3.3	5

#	Article	IF	Citations
73	Chiral recognition and determination of enantiomeric excess of chiral compounds by UV-visible-shortwave near infrared diffuse reflectance spectroscopy with chemometrics. RSC Advances, 2017, 7, 13552-13560.	3.6	9
74	Co-grinding Effect on Crystalline Zaltoprofen with Î²-cyclodextrin/Cucurbit[7]uril in Tablet Formulation. Scientific Reports, 2017, 7, 45984.	3.3	12
75	Interaction between azo dye Acid Red 14 and pepsin by multispectral methods and docking studies. Luminescence, 2017, 32, 1123-1130.	2.9	17
76	Analysis of binding properties and interaction of thiabendazole and its metabolite with human serum albumin via multiple spectroscopic methods. Food Chemistry, 2017, 233, 190-196.	8.2	31
77	Investigating the interaction mechanism of fluorescent whitening agents to human serum albumin using saturation transfer difference-NMR, multi-spectroscopy, and docking studies. RSC Advances, 2017, 7, 27796-27806.	3.6	21
78	Domain-specific interactions between MLN8237 and human serum albumin estimated by STD and WaterLOGSY NMR, ITC, spectroscopic, and docking techniques. Scientific Reports, 2017, 7, 45514.	3.3	26
79	Investigation and comparison of the binding between tolvaptan and pepsin and trypsin: Multiâ€spectroscopic approaches and molecular docking. Journal of Molecular Recognition, 2017, 30, e2598.	2.1	17
80	Binding properties of the natural red dye carthamin with human serum albumin: Surface plasmon resonance, isothermal titration microcalorimetry, and molecular docking analysis. Food Chemistry, 2017, 221, 650-656.	8.2	21
81	X-ray powder diffraction data for alogliptin benzoate, C18H21N5O2Â·C7H6O2. Powder Diffraction, 2017, 32, 49-52.	0.2	1
82	Investigation on the interaction of antibacterial drug moxifloxacin hydrochloride with human serum albumin using multi-spectroscopic approaches, molecular docking and dynamical simulation. RSC Advances, 2017, 7, 48942-48951.	3.6	43
83	Investigation of the solid forms of deferasirox: solvate, co-crystal, and amorphous form. RSC Advances, 2017, 7, 43151-43160.	3.6	9
84	Binding modes of environmental endocrine disruptors to human serum albumin: insights from STD-NMR, ITC, spectroscopic and molecular docking studies. Scientific Reports, 2017, 7, 11126.	3.3	26
85	Solvates and polymorphs of rebamipide: preparation, characterization, and physicochemical analysis. RSC Advances, 2017, 7, 23279-23286.	3.6	19
86	The binding properties of metandienone and human serum albumin by comparing with other five similar compounds. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A.	3.0	4
87	Octyl gallate: An antioxidant demonstrating selective and sensitive fluorescent property. Food Chemistry, 2017, 219, 268-273.	8.2	8
88	Dimethyl-Î²-cyclodextrin/salazosulfapyridine inclusion complex-loaded chitosan nanoparticles for sustained release. Carbohydrate Polymers, 2017, 156, 215-222.	10.2	24
89	Solid-state amorphization of rebamipide and investigation on solubility and stability of the amorphous form. Drug Development and Industrial Pharmacy, 2017, 43, 283-292.	2.0	7
90	Investigation on the Interaction of Norgestrel with Human Serum Albumin Using Spectroscopy and Molecularâ€Docking Method. Journal of Biochemical and Molecular Toxicology, 2016, 30, 287-294.	3.0	8

#	Article	IF	Citations
91	Investigation on the interaction of letrozole with herring sperm DNA through spectroscopic and modeling methods. Luminescence, 2016, 31, 1077-1084.	2.9	3
92	Probing the Interaction between Acotiamide Hydrochloride and Pepsin by Multispectral Methods, Electrochemical Measurements, and Docking Studies. Journal of Biochemical and Molecular Toxicology, 2016, 30, 350-359.	3.0	3
93	Probing the binding of two 19â€norтestosterone derivatives to human serum albumin: insights into the interactions of steroid hormone drugs with functional biomacromolecule. Journal of Molecular Recognition, 2016, 29, 415-425.	2.1	9
94	X-ray powder diffraction data for tectoridin, C22H22O11. Powder Diffraction, 2016, 31, 52-54.	0.2	1
95	X-ray powder diffraction data for drospirenone, C₂₄H₃₀O₃. Powder Diffraction, 2016, 31, 63-65.	0.2	2
96	X-ray powder diffraction data for thiamphenicol, C₁₂H₁₅Cl₂NO₅S. Powder Diffraction, 2016, 31, 80-82.	0.2	0
97	Interaction of inosine with human serum albumin as determined by NMR relaxation data and fluorescence methodology. Journal of Molecular Liquids, 2016, 219, 547-553.	4.9	25
98	Calcium(II)â€“naproxen complex: Synthesis, characterization, and interaction with human serum albumin. Spectroscopy Letters, 2016, 49, 404-412.	1.0	6
99	Binding mechanism of trans-N-caffeoyltyramine and human serum albumin: Investigation by multi-spectroscopy and docking simulation. Bioorganic Chemistry, 2016, 66, 102-110.	4.1	29
100	Effect of hydroxypropyl-Î²-cyclodextrin on the bounding of salazosulfapyridine to human serum albumin. International Journal of Biological Macromolecules, 2016, 92, 105-115.	7.5	15
101	X-ray powder diffraction data for menthyl lactate, C13H24O3. Powder Diffraction, 2016, 31, 295-297.	0.2	0
102	Fluorescence spectroscopy and docking study in two flavonoids, isolated tectoridin and its aglycone tectorigenin, interacting with human serum albumin: a comparison study. Luminescence, 2016, 31, 38-46.	2.9	23
103	Comparative studies on the interactions of baicalein and Al(III)â€“baicalein complex with human serum albumin. Luminescence, 2016, 31, 54-62.	2.9	14
104	Effect of milling conditions on solid-state amorphization of glipizide, and characterization and stability of solid forms. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 367-377.	2.8	8
105	Synthesis and characterization of Î²-cyclodextrin/fraxinellone inclusion complex and its influence on interaction with human serum albumin. Spectroscopy Letters, 2016, 49, 542-550.	1.0	4
106	Interaction of lafutidine in binding to human serum albumin in gastric ulcer therapy: STD-NMR, WaterLOGSY-NMR, NMR relaxation times, Tr-NOESY, molecule docking, and spectroscopic studies. Archives of Biochemistry and Biophysics, 2016, 606, 81-89.	3.0	19
107	Synthesis, structure, and calf-thymus DNA binding of ternary fleroxacinâ€“Cu(ii) complexes. RSC Advances, 2016, 6, 80286-80295.	3.6	8
108	X-ray powder diffraction data for monomenthyl succinate, C₁₄H₂₄O₄. Powder Diffraction, 2016, 31, 301-303.	0.2	0

#	Article	IF	Citations
109	Characterization of the interaction between acotiamide hydrochloride and human serum albumin: ¹H STD NMR spectroscopy, electrochemical measurement, and docking investigations. RSC Advances, 2016, 6, 61119-61128.	3.6	15
110	Comparative analysis of the interaction of capecitabine and gefitinib with human serum albumin using 19 F nuclear magnetic resonance-based approach. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 15-20.	2.8	14
111	Interactions of cucurbit[6,7]urils with human serum albumin and their effects on zaltoprofen transportation. RSC Advances, 2016, 6, 85811-85819.	3.6	15
112	Molecular mechanism of the binding of 3,4,5-tri-O-caffeoylquinic acid to human serum albumin: Saturation transfer difference NMR, multi-spectroscopy, and docking studies. Journal of Photochemistry and Photobiology B: Biology, 2016, 165, 24-33.	3.8	30
113	Synthesis, structure, and biological evaluation of a copper(ii) complex with fleroxacin and 1,10-phenanthroline. Dalton Transactions, 2016, 45, 10928-10935.	3.3	23
114	Comparative analysis the binding affinity of mycophenolic sodium and meprednisone with human serum albumin: Insight by NMR relaxation data and docking simulation. Chemico-Biological Interactions, 2016, 248, 52-59.	4.0	8
115	X-ray powder diffraction data for trelagliptin succinate, C18H20FN5O2â€¢C4H6O4. Powder Diffraction, 2016, 31, 153-154.	0.2	0
116	X-ray powder diffraction data for 2-[((3R)-5-oxo-4-phenyltetrahy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (drofuran-3-yl)methyl]isoi	0.2	0
117	Multispectroscopic and docking studies on the binding of chlorogenic acid isomers to human serum albumin: Effects of esteryl position on affinity. Food Chemistry, 2016, 212, 434-442.	8.2	74
118	X-ray powder diffraction data for Palbociclib, C₂₄H₂₉N₇O₂. Powder Diffraction, 2016, 31, 248-250.	0.2	2
119	Binding properties of drospirenone with human serum albumin and lysozyme in vitro. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 612-618.	3.9	25
120	Posaconazole/hydroxypropyl-Î²-cyclodextrin hostâ€“guest system: Improving dissolution while maintaining antifungal activity. Carbohydrate Polymers, 2016, 142, 16-23.	10.2	43
121	Spectroscopy and Molecular Modeling Study on the Interaction Between Mycophenolate Mofetil and Pepsin. Journal of Fluorescence, 2016, 26, 599-608.	2.5	25
122	Determination of Ribavirin and Moisture in Pharmaceuticals by Near-Infrared Spectroscopy. Analytical Letters, 2016, 49, 2077-2091.	1.8	6
123	Qualitative analysis of chiral alanine by UV-visible-shortwave near infrared diffuse reflectance spectroscopy combined with chemometrics. RSC Advances, 2016, 6, 8395-8405.	3.6	14
124	Binding mechanism of the tyrosine-kinase inhibitor nilotinib to human serum albumin determined by 1 H STD NMR, 19 F NMR, and molecular modeling. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 1-9.	2.8	15
125	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. New Journal of Chemistry, 2016, 40, 2530-2540.	2.8	33
126	The influence of hydroxypropyl-Î²-cyclodextrin on the solubility, dissolution, cytotoxicity, and binding of riluzole with human serum albumin. Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 453-463.	2.8	29

#	Article	IF	Citations
127	Effect of preparation processes and structural insight into the supermolecular system: Bisacodyl and Î²-cyclodextrin inclusion complex. Materials Science and Engineering C, 2016, 58, 224-232.	7.3	26
128	X-ray powder diffraction data for calcium(II)â€“naproxen complex (C₂₈H₂₆CaO₆Â·2H₂O). Powder Diffraction, 2015, 30, 185-187.	0.2	1
129	X-ray powder diffraction data for DCT (C₁₂H₁₂Cl₂N₆O₄S₂ â€¢) Tj ETQq1 1 0.784314 rgBT /O	0.2	0
130	X-ray powder diffraction data for niclosamide, C₁₃H₈N₂O₄Cl₂. Powder Diffraction, 2015, 30, 375-377.	0.2	0
131	X-ray powder diffraction data for letrozole (C₁₇H₁₁N₅). Powder Diffraction, 2015, 30, 372-374.	0.2	0
132	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
133	X-ray powder diffraction data for piperaquine, C₂₉H₃₂Cl₂N₆. Powder Diffraction, 2015, 30, 289-292.	0.2	3
134	Investigation the complex of 2,6-di-O-methyl-Î²-cyclodextrin and chlorzoxazone: preparation, characterization, dissolution, and cytotoxicity. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 83, 167-176.	1.6	4
135	Insights into the fatty acid ester norethisterone enanthate binding to human albumin: fluorescence, circular dichroism, and docking investigations. RSC Advances, 2015, 5, 44696-44704.	3.6	24
136	Probing the binding interaction of human serum albumin with three bioactive constituents of Eriobotrta japonica leaves: Spectroscopic and molecular modeling approaches. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 268-276.	3.8	18
137	Spectral and molecular modeling studies on the influence of Î²-cyclodextrin and its derivatives on aripiprazole-human serum albumin binding. Carbohydrate Polymers, 2015, 131, 65-74.	10.2	21
138	Characterization and evaluation of synthetic riluzole with Î²-cyclodextrin and 2,6-di-O-methyl-Î²-cyclodextrin inclusion complexes. Carbohydrate Polymers, 2015, 129, 9-16.	10.2	47
139	Simultaneous Determination of Two Amino Bisphosphonates Drugs by Micellar Electrokinetic Chromatography. Journal of Chromatographic Science, 2015, 53, bmv074.	1.4	1
140	Binding mechanism of tauroursodeoxycholic acid to human serum albumin: insights from NMR relaxation and docking simulations. RSC Advances, 2015, 5, 11036-11042.	3.6	23
141	X-ray powder diffraction data for gemcitabine, C9H11F2N3O4. Powder Diffraction, 2015, 30, 76-78.	0.2	0
142	Inclusion complexes of chlorzoxazone with Î²- and hydroxypropyl-Î²-cyclodextrin: Characterization, dissolution, and cytotoxicity. Carbohydrate Polymers, 2015, 131, 297-305.	10.2	79
143	Interaction of Î±-cyperone with human serum albumin: Determination of the binding site by using Discovery Studio and via spectroscopic methods. Journal of Luminescence, 2015, 164, 81-85.	3.1	90
144	X-ray powder diffraction data for beta-methyl vinyl phosphate (C29H27N2O10P). Powder Diffraction, 2015, 30, 175-177.	0.2	0

#	Article	IF	Citations
145	Spectroscopy study and co-administration effect on the interaction of mycophenolic acid and human serum albumin. International Journal of Biological Macromolecules, 2015, 77, 280-286.	7.5	35
146	Binding properties and structureâ€“affinity relationships of food antioxidant butylated hydroxyanisole and its metabolites with lysozyme. Food Chemistry, 2015, 188, 370-376.	8.2	24
147	Monitoring of the manufacturing process for ambroxol hydrochloride tablet using NIR-chemometric methods: compression effect on content uniformity model and relevant process parameters testing. Drug Development and Industrial Pharmacy, 2015, 41, 1877-1887.	2.0	8
148	Two solid forms of tauroursodeoxycholic acid and the effects of milling and storage temperature on solid-state transformations. International Journal of Pharmaceutics, 2015, 486, 185-194.	5.2	15
149	A new dosage form of emodin: For solubility and dissolution rate enhancement and application in Alzheimer's disease and bacteriostasis. Journal of Drug Delivery Science and Technology, 2015, 29, 261-268.	3.0	7
150	Four solid forms of tauroursodeoxycholic acid and solid-state transformations: effects of temperature and milling. RSC Advances, 2015, 5, 96392-96403.	3.6	3
151	Interaction Behavior Between Niclosamide and Pepsin Determined by Spectroscopic and Docking Methods. Journal of Fluorescence, 2015, 25, 1681-1693.	2.5	18
152	Investigations of bisacodyl with modified Î²-cyclodextrins: Characterization, molecular modeling, and effect of PEG. Carbohydrate Polymers, 2015, 134, 82-91.	10.2	15
153	Determination of Gabapentin in Human Plasma and Urine by Capillary Electrophoresis with Laser-Induced Fluorescence Detection. Journal of Chromatographic Science, 2015, 53, 986-992.	1.4	8
154	Determination of potential main sites of apixaban binding in human serum albumin by combined spectroscopic and docking investigations. RSC Advances, 2015, 5, 81696-81706.	3.6	17
155	Qualitative and simultaneous quantitative analysis of cimetidine polymorphs by ultravioletâ€“visible and shortwave near-infrared diffuse reflectance spectroscopy and multivariate calibration models. Journal of Pharmaceutical and Biomedical Analysis, 2015, 104, 112-121.	2.8	15
156	Removal of sulfamethoxazole and ciprofloxacin from aqueous solutions by graphene oxide. Journal of Hazardous Materials, 2015, 282, 201-207.	12.4	337
157	Characterisation of interaction between food colourant allura red AC and human serum albumin: Multispectroscopic analyses and docking simulations. Food Chemistry, 2015, 170, 423-429.	8.2	78
158	Spectroscopy and docking simulations of the interaction between lochnericine and bovine serum albumin. Luminescence, 2015, 30, 240-246.	2.9	12
159	X-ray powder diffraction data for schisanhenol. Powder Diffraction, 2014, 29, 48-50.	0.2	2
160	X-ray powder diffraction data for norethindrone. Powder Diffraction, 2014, 29, 46-47.	0.2	3
161	Docking simulations and spectroscopy of the interactions of ellagic acid and oleuropein with human serum albumin. Journal of Luminescence, 2014, 154, 578-583.	3.1	23
162	Enhanced Characterization of Naproxen Formulation by Near Infrared Spectroscopy. Analytical Letters, 2014, 47, 2384-2393.	1.8	3

#	Article	IF	Citations
163	Quantitative Analysis of Uncoated Eszopiclone Tablets by Near-Infrared Spectroscopy. Analytical Letters, 2014, 47, 1938-1951.	1.8	2
164	X-ray powder diffraction data for meloxicam, C₁₄H₁₃N₃O₄S₂. Powder Diffraction, 2014, 29, 196-198.	0.2	12
165	Spectrofluorimetric determination of aluminum ions via complexation with luteolin in absolute ethanol. Luminescence, 2014, 29, 456-461.	2.9	12
166	Application of near-infrared spectroscopy for monitoring the formulation process of low-dose tablets. Analytical Methods, 2014, 6, 1905-1913.	2.7	10
167	Comparison of the accuracy of powder and single-crystal X-ray diffraction techniques in determining organic crystal structure. Science Bulletin, 2014, 59, 497-501.	1.7	22
168	Investigations of the interactions of peimine and peiminine with human serum albumin by spectroscopic methods and docking studies. Journal of Luminescence, 2014, 146, 218-225.	3.1	33
169	Simultaneous determination of amino acids in tea leaves by micellar electrokinetic chromatography with laser-induced fluorescence detection. Food Chemistry, 2014, 143, 82-89.	8.2	30
170	X-ray powder diffraction data for loratadine (C22H23ClN202). Powder Diffraction, 2014, 29, 193-195.	0.2	4
171	X-ray powder diffraction data for bisacodyl, C₂₂H₁₉NO₄. Powder Diffraction, 2014, 29, 295-297.	0.2	2
172	Assessment of the interaction between fraxinellone and bovine serum albumin by optical spectroscopy and molecular modeling methods. Journal of Luminescence, 2013, 137, 180-185.	3.1	18
173	Determination of uric acid in human plasma and urine by microemulsion electrokinetic chromatography. Analytical Methods, 2013, 5, 5201.	2.7	5
174	Near infrared spectroscopy combination with PLS to monitor the parameters of naproxen tablet preparation process. Analytical Methods, 2013, 5, 1337.	2.7	19
175	A new application of WT-ANN method to control the preparation process of metformin hydrochloride tablets by near infrared spectroscopy compared to PLS. Journal of Pharmaceutical and Biomedical Analysis, 2013, 80, 186-191.	2.8	18
176	Crystal structure determination of three polycyclic compounds and comparative Rietveld refinement between MS and GSAS programs. Science Bulletin, 2013, 58, 2430-2434.	1.7	16
177	Characterization of the interaction between 3-Oxotabersonine and two serum albumins by using spectroscopic techniques. Journal of Luminescence, 2013, 138, 1-7.	3.1	28
178	X-ray powder diffraction data for peiminine. Powder Diffraction, 2013, 28, 312-314.	0.2	2
179	X-ray powder diffraction data for deoxyschisandrin. Powder Diffraction, 2013, 28, 231-233.	0.2	2
180	X-ray powder diffraction data for inclusion complex of Î²-cyclodextrin with fraxinellone. Powder Diffraction, 2013, 28, 234-236.	0.2	4

#	Article	IF	Citations
181	X-ray powder diffraction data for norandrostenedione. Powder Diffraction, 2013, 28, 302-304.	0.2	3
182	Photoacoustic imaging of prostate cancer using cylinder diffuse radiation. , 2012, , .		4
183	Comparative crystal structure determination of griseofulvin: Powder X-ray diffraction versus single-crystal X-ray diffraction. Science Bulletin, 2012, 57, 3867-3871.	1.7	43
184	Crystal structure determination of the Î²-cyclodextrinâ€“p-aminobenzoic acid inclusion complex from powder X-ray diffraction data. Carbohydrate Research, 2011, 346, 986-990.	2.3	32
185	From guest to ligand â€“ A study on the competing interactions of antitumor drug resveratrol with Î²-cyclodextrin and bovine serum albumin. Thermochimica Acta, 2011, 521, 74-79.	2.7	25
186	Determination of uric acid in human urine by capillary zone electrophoresis with indirect laserâ€induced fluorescence detection. Journal of Separation Science, 2010, 33, 3710-3716.	2.5	7
187	Competitive Adsorption of Ag⁺, Pb²⁺, Ni²⁺, and Cd²⁺Ions on Vermiculite. Separation Science and Technology, 2010, 45, 277-287.	2.5	16
188	Fe²⁺-modified Vermiculite for the Removal of Chromium (VI) from Aqueous Solution. Separation Science and Technology, 2010, 46, 290-299.	2.5	21
189	Crystal structure determination of Jatrorrhizine chloride. Science Bulletin, 2009, 54, 3244-3248.	1.7	7
190	Kinetics and Thermodynamics of Lead (II) Adsorption on Vermiculite. Separation Science and Technology, 2007, 42, 185-202.	2.5	29
191	Crystal structure determining of 7-ADCA based on X-ray powder diffraction. Science Bulletin, 2006, 51, 2421-2424.	1.7	3
192	X-ray powder diffraction data for nicotine 2,6-dihydroxybenzoate, C₁₀H₁₅N₂â‹…C₇H₅O₄. Powder Diffraction, 0, , 1-3.	0.2	0