

Shuyun Bi

List of Publications by Year in descending order

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47
papers

2,373
citations

394421

19
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

2305
citing authors

#	ARTICLE	IF	CITATIONS
1	Multispectral and molecular modeling investigations on the binding behaviors of two anticoccidials with serum albumins. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 6522-6533.	3.5	2
2	Sensitive surface-enhanced Raman spectroscopy (SERS) determination of nitrofurazone by β -cyclodextrin-protected AuNPs/ β -Al ₂ O ₃ nanoparticles. <i>Food Chemistry</i> , 2022, 370, 131059.	8.2	26
3	Determination of spectinomycin by SERS based on BSA-protected AgNPs decorated with β -CD. <i>Microchemical Journal</i> , 2022, 172, 106938.	4.5	0
4	Study on the binding of sulfaclozine sodium monohydrate with bovine and human serum albumins using multi-spectroscopy and molecular docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4835-4844.	3.5	4
5	Assessment on the binding characteristics of residual marbofloxacin in animal-derived food to bovine/human serum albumin by spectroscopy and molecular modelling. <i>Luminescence</i> , 2021, 36, 977-985.	2.9	9
6	Highly sensitive SERS determination of amprolium HCl based on Au@Ag core-shell alloy nanoparticles. <i>Microchemical Journal</i> , 2021, 167, 106343.	4.5	2
7	Binding study of florfenicol with DNA by multi-spectroscopy and molecular docking techniques. <i>Process Biochemistry</i> , 2021, 108, 26-33.	3.7	3
8	Spectral and molecular docking studies on the interaction of three flavonoids with bovine serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2197-2205.	3.5	3
9	Multispectral and molecular docking investigations on the interaction of primethamine/trimethoprim with BSA/HSA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 934-942.	3.5	20
10	Rapid determination of marbofloxacin by surface-enhanced Raman spectroscopy of silver nanoparticles modified by β -cyclodextrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 118009.	3.9	13
11	Selective determination of dinitolmide and toltrazuril by surface-enhanced raman spectroscopy (SERS) using AgNPs as substrate. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127644.	7.8	15
12	Depicting the binding of furazolidone/furacilin with DNA by multiple spectroscopies, voltammetric as well as molecular docking. <i>Luminescence</i> , 2020, 35, 493-502.	2.9	11
13	Miconomicin/tobramycin binding with DNA: fluorescence studies using of ethidium bromide as a probe and molecular docking analysis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1464-1476.	3.5	14
14	Interaction of dextromethorphan hydrobromide with DNA: multispectral, voltammetric, and molecular docking technology. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1154-1160.	3.5	6
15	A sensitive resonance Rayleigh light scattering method for alpinetin using gold nanorods probes. <i>Luminescence</i> , 2018, 33, 1164-1170.	2.9	4
16	Investigation of the binding of AuNPs-6-mercaptopurine and the sensitive detection of 6-mercaptopurine using resonance Rayleigh light scattering. <i>Luminescence</i> , 2017, 32, 502-508.	2.9	8
17	Characterization of the binding of neomycin/paromomycin sulfate with DNA using acridine orange as fluorescence probe and molecular docking technique. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2077-2089.	3.5	11
18	Study on the interactions of mapenterol with serum albumins using multi-spectroscopy and molecular docking. <i>Luminescence</i> , 2016, 31, 372-379.	2.9	11

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19	Characterization of the binding of paylean and DNA by fluorescence, UV spectroscopy and molecular docking techniques. <i>Luminescence</i> , 2016, 31, 1013-1019.	2.9	10
20	Probing the interactions of bromchlorbuterol-HCl and phenylethanolamine A with HSA by multi-spectroscopic and molecular docking technique. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 113-121.	2.0	27
21	Assembly of AuNRs and eugenol for trace analysis of eugenol using resonance light scattering technique. <i>Materials Science and Engineering C</i> , 2016, 58, 1001-1007.	7.3	6
22	Binding studies of terbutaline sulfate to calf thymus DNA using multispectroscopic and molecular docking techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 921-927.	3.9	34
23	Resonance light scattering spectroscopy of procyanidinâ€“CPBâ€“DNA ternary system and its potential application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 146, 255-260.	3.9	5
24	Using gold nanoparticles as probe for detection of salmeterol xinafoate by resonance Rayleigh light scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 1074-1079.	3.9	15
25	The resonance Rayleigh light scattering spectral investigation on the interaction of DNA with camellia sinensis in the presence of CPC and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 335-339.	3.9	5
26	Investigation on the interactions of clenbuterol to bovine serum albumin and lysozyme by molecular fluorescence technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 456-461.	3.9	66
27	In vitro studies on the behavior of salmeterol xinafoate and its interaction with calf thymus DNA by multi-spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 198-204.	3.9	21
28	Study of the interaction of salmon sperm DNA with myricitrinâ€“CPB based on the enhanced resonance light scattering signal and its potential application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 397-402.	3.9	6
29	Binding characteristics of salbutamol with DNA by spectral methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 111, 182-187.	3.9	14
30	The analytical application and spectral investigation of DNAâ€“CPBâ€“emodin and sensitive determination of DNA by resonance Rayleigh light scattering technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 233-238.	3.9	8
31	An investigation on the interaction of DNA with hesperetin/apigenin in the presence of CTAB by resonance Rayleigh light scattering technique and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 158-164.	3.9	23
32	Investigation of three flavonoids binding to bovine serum albumin using molecular fluorescence technique. <i>Journal of Luminescence</i> , 2012, 132, 132-140.	3.1	52
33	Investigation on the interactions of silymarin to bovine serum albumin and lysozyme by fluorescence and absorbance. <i>Journal of Luminescence</i> , 2012, 132, 895-900.	3.1	42
34	Spectroscopic study on the interaction of eugenol with salmon sperm DNA in vitro. <i>Journal of Luminescence</i> , 2012, 132, 2355-2360.	3.1	76
35	Studies on the arctiin and its interaction with DNA by spectral methods. <i>Journal of Luminescence</i> , 2011, 131, 2299-2306.	3.1	47
36	Investigation of ketoprofen binding to human serum albumin by spectral methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 410-414.	3.9	49

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37	Study on naringeninâ€™CTMABâ€™DNA system by resonance light scattering technique and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1430-1434.	3.9	7
38	Binding of several anti-tumor drugs to bovine serum albumin: Fluorescence study. <i>Journal of Luminescence</i> , 2009, 129, 541-547.	3.1	130
39	Studies of interaction of emodin and DNA in the presence of ethidium bromide by spectroscopic method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 123-129.	3.9	135
40	Study of interactions of anthraquinones with DNA using ethidium bromide as a fluorescence probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 136-143.	3.9	111
41	Study on the interaction mechanism between DNA and the main active components in <i>Scutellaria baicalensis</i> Georgi. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 799-810.	7.8	199
42	Investigation on hyperinâ€™cetyltrimethylammonium bromideâ€™fibronectin system by resonance light-scattering technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 52-57.	3.9	13
43	Study of interactions of flavonoids with DNA using acridine orange as a fluorescence probe. <i>Sensors and Actuators B: Chemical</i> , 2006, 119, 199-208.	7.8	222
44	Molecular spectroscopic study on the interaction of tetracyclines with serum albumins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 629-636.	3.9	423
45	Spectroscopic characterization of effective components anthraquinones in Chinese medicinal herbs binding with serum albumins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 203-212.	3.9	75
46	Investigation of the interaction between flavonoids and human serum albumin. <i>Journal of Molecular Structure</i> , 2004, 703, 37-45.	3.6	390
47	Exploring on the intercalation binding of tiamulin with DNA using multiâ€™spectroscopy and molecular modeling approach. <i>Luminescence</i> , 0, , .	2.9	0