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Drug binding in plasma. A summary of recent trends in the study of drug and hormone binding

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#	Paper	IF	Citations
174	Stereoselective binding of the glucuronide of ketoprofen enantiomers to human serum albumin. 1994 , 48, 1693-9		18
173	A population pharmacokinetic study of alminoprofen penetration into synovial fluid. 1995 , 16, 627-34		4
172	Human plasma protein binding of the angiotensin II receptor antagonist losartan potassium (DuP 753/MK 954) and its pharmacologically active metabolite EXP3174. 1995 , 35, 515-20		49
171	Chapter 33. Plasma Protein Binding of Drugs. 1996 , 327-336		210
170	[Role of substitution albumin therapy in drugs, hormones, electrolytes and miscellaneous substances transport]. 1996 , 15, 532-42		
169	Drug-protein binding sites. New trends in analytical and experimental methodology. 1996 , 677, 1-28		271
168	An overview of the clinical pharmacokinetics of x-ray contrast media. <i>Clinical Pharmacokinetics</i> , 1997 , 32, 180-93	6.2	95
167	Le quotient inhibiteur (QI) : mythe ou r�alit� 1997 , 27, 958-961		
166	Biopharmaceutical studies on drug/conjugated-metabolite interactions. II. Effect of acetaminophen sulfate on pharmacokinetics of acetaminophen in rats. 1997 , 146, 181-191		7
165	Analysis of drug/plasma protein interactions by means of asymmetrical flow field-flow fractionation. 1997 , 14, 1706-12		21
164	Cisplatin binding sites on human albumin. 1998 , 273, 14721-30		272
163	The significance of lipoproteins in serum binding variations of propofol. 1998 , 87, 1147-51		11
162	The Significance of Lipoproteins in Serum Binding Variations of Propofol. 1998 , 87, 1147-1151		27
161	The Fluorescent Probe Prodan Characterizes the Warfarin Binding Site on Human Serum Albumin. 1999 , 69, 8-15		80
160	Interaction of Acrylodan with Human Serum Albumin. A Fluorescence Spectroscopic Study. 1999 , 70, 695-700		65
159	Serum protein binding of tolterodine and its major metabolites in humans and several animal species. 1999 , 20, 91-9		45
158	Genetic polymorphisms of orosomuroid on the Han population in Nanjing of China. 1999 , 288, 161-8		5

157	Automated flow injection gradient technique for binding studies of micromolecules to proteins using potentiometric sensors: application to bovine serum albumin with anilino-naphthalenesulfonate probe and drugs. <i>Analytical Chemistry</i> , 1999 , 71, 2541-50	7.8	30
156	Protein-Drug Interactions. 2000 ,		1
155	Study of heterocycle rings binding to human serum albumin. <i>Chemico-Biological Interactions</i> , 2000 , 124, 1-11	5	19
154	Prediction of Physicochemical Properties. 2000 , 33-58		6
153	Nonequilibrium solid-phase microextraction for determination of the freely dissolved concentration of hydrophobic organic compounds: matrix effects and limitations. <i>Analytical Chemistry</i> , 2000 , 72, 2802-8	7.8	108
152	Cheminformatic models to predict binding affinities to human serum albumin. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 4370-8	8.3	211
151	Carrier proteins determine local pharmacokinetics and arterial distribution of paclitaxel. <i>Journal of Pharmaceutical Sciences</i> , 2001 , 90, 1324-35	3.9	90
150	Correlation and prediction of a large blood-brain distribution data set--an LFER study. 2001 , 36, 719-30		178
149	Evaluating the binding selectivity of transthyretin amyloid fibril inhibitors in blood plasma. 2001 , 98, 5566-71		92
148	Negligible depletion solid-phase microextraction with radiolabeled analytes to study free concentrations and protein binding: an example with [³ H]estradiol. <i>Analytical Chemistry</i> , 2002 , 74, 5993-7 ^{7.8}		55
147	Distribution of cyclosporin in organ transplant recipients. <i>Clinical Pharmacokinetics</i> , 2002 , 41, 615-37	6.2	94
146	Cheminformatics and Drug Discovery. 2002 , 7, 566-600		114
145	Chronic liver and renal diseases differently affect structure of human serum albumin. 2002 , 408, 69-77		39
144	Influence of the ORM1 phenotypes on serum unbound concentration and protein binding of quinidine. 2002 , 317, 85-92		25
143	Bacterial eradication in the treatment of otitis media. 2002 , 2, 593-604		52
142	Determination of drug-plasma protein binding kinetics and equilibria by chromatographic profiling: exemplification of the method using L-tryptophan and albumin. <i>Analytical Chemistry</i> , 2002 , 74, 446-52	7.8	91
141	Monitoring and kinetic parameter estimation for the binding process of berberine hydrochloride to bovine serum albumin with piezoelectric quartz crystal impedance analysis. 2002 , 306, 23-30		26
140	Determination of protein-drug binding constants by pressure-assisted capillary electrophoresis (PACE)/frontal analysis (FA). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 30, 405-13	3.5	70

139	Urea-induced denaturation of human serum albumin labeled with acrylodan. 2002 , 21, 75-9		53
138	Development and validation of a 96-well equilibrium dialysis apparatus for measuring plasma protein binding. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 967-74	3.9	225
137	In silico prediction of drug-binding strengths to human serum albumin. 2003 , 23, 275-301		222
136	Glycosylation study of the major genetic variants of human alpha1-acid glycoprotein and of their pharmacokinetics in the rat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 798, 283-94	3.2	3
135	Measurement of free concentrations using negligible depletion-solid phase microextraction (nd-SPME). 2003 , 22, 575-587		161
134	Differences in drug pharmacokinetics between East Asians and Caucasians and the role of genetic polymorphisms. 2004 , 44, 1083-105		148
133	The study on the interaction between human serum albumin and a new reagent with antitumour activity by spectrophotometric methods. 2004 , 167, 213-221		240
132	The pH dependency of the binding of drugs to plasma proteins in man. 2005 , 27, 71-85		54
131	Spectroscopic studies of the interaction of anti-coagulant rodenticide diphacinone with human serum albumin. 2005 , 779, 87-95		65
130	Determination of Binding Constants for Basic Drugs with Serum Albumin by Affinity Capillary Electrophoresis with the Partial Filling Technique. 2005 , 61, 419-422		12
129	Automated QSPR through Competitive Workflow. 2005 , 19, 821-33		45
128	Electrospray ionization mass spectrometry as a tool for determination of drug binding sites to human serum albumin by noncovalent interaction. 2005 , 19, 1637-43		32
127	Albumin is not an irreplaceable carrier for amphipathic mediators of thermoregulatory responses to LPS: compensatory role of alpha1-acid glycoprotein. 2005 , 288, R872-8		10
126	Structural basis of the drug-binding specificity of human serum albumin. 2005 , 353, 38-52		1350
125	Conformational changes in human serum albumin induced by sodium perfluorooctanoate in aqueous solutions. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15566-73	3.4	35
124	Clinical pharmacokinetics of losartan. <i>Clinical Pharmacokinetics</i> , 2005 , 44, 797-814	6.2	133
123	Why optimize cancer drugs for ADMET?. 2005 , 2, 343-349		6
122	Estimation of volume of distribution in humans from high throughput HPLC-based measurements of human serum albumin binding and immobilized artificial membrane partitioning. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6958-71	8.3	79

121	Albumin-bound paclitaxel: a next-generation taxane. 2006 , 7, 1041-53		463
120	Discovery and optimization of anthranilic acid sulfonamides as inhibitors of methionine aminopeptidase-2: a structural basis for the reduction of albumin binding. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3832-49	8.3	55
119	Location of high and low affinity fatty acid binding sites on human serum albumin revealed by NMR drug-competition analysis. 2006 , 361, 336-51		262
118	A Review on Telmisartan: A Novel, Long-Acting Angiotensin II-Receptor Antagonist. 2006 , 18, 127-154		148
117	In silico ADME modelling 2: computational models to predict human serum albumin binding affinity using ant colony systems. 2006 , 14, 4118-29		43
116	Characterization of the binding epitope of ciprofloxacin bound to human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 1025-8	3.5	4
115	Measurement of drug-protein binding by immobilized human serum albumin-HPLC and comparison with ultrafiltration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 834, 108-16	3.2	75
114	In Silico Prediction of Plasma and Tissue Protein Binding. 2007 , 847-866		5
113	High Throughput Screening of Drug-Protein Binding in Drug Discovery. 2007 , 30, 681-700		34
112	Influence of albumin on sorption kinetics in solid-phase microextraction: consequences for chemical analyses and uptake processes. <i>Analytical Chemistry</i> , 2007 , 79, 6941-8	7.8	72
111	Ghrelin interacts with human plasma lipoproteins. 2007 , 148, 2355-62		80
110	Nondigest liberation of biomarkers from plasma: a novel two-stage ultrafiltration approach. 2007 , 30, 245-8		1
109	Spectroscopic studies on the binding of bioactive phenothiazine compounds to human serum albumin. 2007 , 189, 121-127		83
108	Estimation of the binding ability of main transport proteins of blood plasma with liver cirrhosis by the fluorescent probe method. <i>Journal of Applied Spectroscopy</i> , 2007 , 74, 561-566	0.7	1
107	Characterization of drug-protein binding process by employing equilibrium sampling through hollow-fiber supported liquid membrane and Bjerrum and Scatchard plots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 49-56	3.5	32
106	Spectroscopic investigation on the binding of bioactive pyridazinone derivative to human serum albumin and molecular modeling. 2008 , 65, 113-9		54
105	Determining binding sites of drugs on human serum albumin using FIA-QCM. 2008 , 24, 48-54		33
104	A new drug binding subsite on human serum albumin and drug-drug interaction studied by X-ray crystallography. 2008 , 162, 40-9		93

103	Presentation of a modified dispersion model (MDM) for hepatic drug extraction and a new methodology for the prediction of the rate-limiting step in hepatic metabolic clearance. <i>Xenobiotica</i> , 2009 , 39, 57-71	2	9
102	Influence of plasma protein binding on pharmacodynamics: Estimation of in vivo receptor affinities of beta blockers using a new mechanism-based PK-PD modelling approach. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 3816-28	3.9	16
101	Characterization of drug-protein interactions in blood using high-performance affinity chromatography. 2009 , 32, 835-53		68
100	Interaction between titanium dioxide nanoparticles and human serum albumin revealed by fluorescence spectroscopy in the absence of photoactivation. <i>Journal of Luminescence</i> , 2009 , 129, 778-783 ⁸		44
99	Quantitative structure-property relationship study on the determination of binding constant by fluorescence quenching. 2009 , 7, 59-65		1
98	Measurement of drug-protein dissociation rates by high-performance affinity chromatography and peak profiling. <i>Analytical Chemistry</i> , 2009 , 81, 4320-33	7.8	55
97	The influence of modes of action and physicochemical properties of chemicals on the correlation between in vitro and acute fish toxicity data. 2009 , 23, 1372-9		35
96	Approaches for the development of antiviral compounds: the case of hepatitis C virus. 2009 , 25-51		8
95	Toxicokinetics: An Integral Component of Preclinical Toxicity Studies. 2010 , 1		
94	Determination of the affinity of drugs toward serum albumin by measurement of the quenching of the intrinsic tryptophan fluorescence of the protein. 1999 , 51, 41-8		143
93	Clinical pharmacokinetics of the cyclooxygenase inhibiting nitric oxide donator (CINOD) AZD3582. 2005 , 57, 1539-54		24
92	Lipophilicity in drug discovery. 2010 , 5, 235-48		526
91	Predicted binding rate of new cephalosporin antibiotics by a 3D-QSAR method: a new approach. 2010 , 141, 589-597		4
90	The effects of glycation on the binding of human serum albumin to warfarin and L-tryptophan. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 811-8	3.5	64
89	Characterization of interaction and the effect of carbamazepine on the structure of human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 660-6	3.5	72
88	Spectroscopic investigations of pentobarbital interaction with human serum albumin. 2010 , 963, 122-129		58
87	Partial filling affinity capillary electrophoresis with cationic poly(vinylpyrrolidone)-based copolymer coatings for studies on human lipoprotein-steroid interactions. 2010 , 399, 93-101		17
86	Analysis of drug-protein binding by ultrafast affinity chromatography using immobilized human serum albumin. <i>Journal of Chromatography A</i> , 2010 , 1217, 2796-803	4.5	59

85	Interactions between antimalarial indolone-N-oxide derivatives and human serum albumin. 2010 , 11, 3341-51		225
84	Influence of renal impairment on the pharmacokinetics and pharmacodynamics of oral dabigatran etexilate: an open-label, parallel-group, single-centre study. <i>Clinical Pharmacokinetics</i> , 2010 , 49, 259-68	6.2	554
83	CHROMATOGRAPHIC ANALYSIS OF DRUG INTERACTIONS IN THE SERUM PROTEOME. 2011 , 3,		38
82	Development of a flow-based ultrafast immunoextraction and reverse displacement immunoassay: analysis of free drug fractions. <i>Analytical Chemistry</i> , 2011 , 83, 9384-90	7.8	28
81	Albumin-Drug Nanoparticles. 2011 , 1133-1161		
80	Plasma protein binding and blood-free concentrations: which studies are needed to develop a drug?. 2011 , 7, 1009-20		22
79	Nab-paclitaxel for the treatment of breast cancer: efficacy, safety, and approval. 2011 , 4, 123-36		50
78	Kinetic studies of drug-protein interactions by using peak profiling and high-performance affinity chromatography: examination of multi-site interactions of drugs with human serum albumin columns. <i>Journal of Chromatography A</i> , 2011 , 1218, 2065-71	4.5	43
77	Thermodynamic studies on the interaction of folic acid with bovine serum albumin. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 814-821	2.9	45
76	The emerging role of human esterases. 2012 , 27, 466-77		144
75	Synthesis and characterization of TiO(2) nanoparticles: applications in research on the interaction of colloidal TiO(2) with human serum albumin by fluorescence spectroscopy. 2012 , 28, 491-6		9
74	Plasma low-density lipoprotein immobilized silica as stationary phase in nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2012 , 1270, 104-10	4.5	7
73	Quantifying processes determining the free concentration of phenanthrene in Basal cytotoxicity assays. <i>Chemical Research in Toxicology</i> , 2012 , 25, 436-45	4	86
72	Seeking to shed some light on the binding of fluoroquinolones to albumins. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 3504-11	3.4	22
71	Techniques for Determining Protein Binding in Drug Discovery and Development. 2012 , 177-187		2
70	Impaired drug-binding capacities of in vitro and in vivo glycated albumin. <i>Biochimie</i> , 2012 , 94, 1960-7	4.6	53
69	Interaction between phillygenin and human serum albumin based on spectroscopic and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 85, 120-6	4.4	19
68	Investigation on the Binding Behavior of Ellagic Acid to Human Serum Albumin in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2013 , 42, 226-238	1.8	18

67	Interaction of artemisinin and its derivatives with human serum albumin studied using spectroscopies and molecular modeling methods. <i>Molecular Biology Reports</i> , 2013 , 40, 4791-804	2.8	18
66	Analysis of free fractions for chiral drugs using ultrafast extraction and multi-dimensional high-performance affinity chromatography. <i>Analyst, The</i> , 2013 , 138, 6262-5	5	22
65	Study of the interaction of deoxynivalenol with human serum albumin by spectroscopic technique and molecular modelling. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013 , 30, 356-64	3.2	15
64	Binding of serum albumins with bioactive substances [Nanoparticles to drugs. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2013 , 14, 53-71	16.4	148
63	Can controversial nanotechnology promise drug delivery?. <i>Chemical Reviews</i> , 2013 , 113, 1686-735	68.1	160
62	Molecular interaction of PCB153 to human serum albumin: insights from spectroscopic and molecular modeling studies. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 313-21	12.8	27
61	Effect of Furosemide on denaturation of lysozyme in the presence of ionic surfactant at different temperatures. <i>Fluid Phase Equilibria</i> , 2013 , 360, 239-247	2.5	11
60	Behavior of drug excited states within macromolecules: binding of colchicine and derivatives to albumin. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 7528-34	3.4	5
59	Quantitative aspects of recognition of the antibiotic drug oxytetracycline by bovine serum albumin: Calorimetric and spectroscopic studies. <i>Journal of Chemical Thermodynamics</i> , 2013 , 58, 196-205	2.9	9
58	Development of affinity microcolumns for drug-protein binding studies in personalized medicine: interactions of sulfonylurea drugs with in vivo glycated human serum albumin. <i>Analytical Chemistry</i> , 2013 , 85, 4453-60	7.8	54
57	Electrochemical Corrosion Behavior of Orthopedic Biomaterials in Presence of Human Serum Albumin. <i>Journal of the Electrochemical Society</i> , 2013 , 160, C206-C214	3.9	21
56	Effects of Fatty Acids and Glycation on Drug Interactions with Human Serum Albumin. <i>Current Metabolomics</i> , 2013 , 1, 239-250	1	22
55	In Silico Prediction of Plasma and Tissue Protein Binding. 2014 ,		
54	Safety and efficacy evaluation of albumin-bound paclitaxel. <i>Expert Opinion on Drug Safety</i> , 2014 , 13, 511-20	7.0	25
53	Protein Binding. <i>Cancer Drug Discovery and Development</i> , 2014 , 209-227	0.3	
52	How does fatty acid influence anti-thyroid drugs binding and specificity toward protein human serum albumin? A blind docking simulation study. <i>Journal of Chemical Sciences</i> , 2014 , 126, 1929-1939	1.8	1
51	Analysis of biomolecular interactions using affinity microcolumns: a review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 968, 49-63	3.2	50
50	Fatty acids binding to human serum albumin: Changes of reactivity and glycation level of Cysteine-34 free thiol group with methylglyoxal. <i>Chemico-Biological Interactions</i> , 2014 , 224, 42-50	5	22

49	Application of solid phase microextraction for quantitation of polyunsaturated fatty acids in biological fluids. <i>Analytical Chemistry</i> , 2014 , 86, 12022-9	7.8	34
48	Molecular interactions between some non-steroidal anti-inflammatory drugs (NSAIDs) and bovine (BSA) or human (HSA) serum albumin estimated by means of isothermal titration calorimetry (ITC) and frontal analysis capillary electrophoresis (FA/CE). <i>Talanta</i> , 2014 , 130, 241-50	6.2	48
47	Molecular interaction of PCB180 to human serum albumin: insights from spectroscopic and molecular modelling studies. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2098	2	6
46	Analysis of binding interaction between antibacterial ciprofloxacin and human serum albumin by spectroscopic techniques. <i>Cell Biochemistry and Biophysics</i> , 2014 , 70, 93-101	3.2	42
45	A Genetic Algorithm Based Support Vector Machine Model for Blood-Brain Barrier Penetration Prediction. <i>BioMed Research International</i> , 2015 , 2015, 292683	3	17
44	Quantum molecular modelling of ibuprofen bound to human serum albumin. <i>RSC Advances</i> , 2015 , 5, 49439-49450	3.9	45
43	Effects of mild hypoalbuminemia on the pharmacokinetics and pharmacodynamics of dexmedetomidine in patients after major abdominal or thoracic surgery. <i>Journal of Clinical Anesthesia</i> , 2015 , 27, 632-7	1.9	11
42	Human serum albumin-mimetic chromatography based hexadecyltrimethylammonium bromide as a novel direct probe for protein binding of acidic drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 1-7	3.5	11
41	Dose metric considerations in in vitro assays to improve quantitative in vitro-in vivo dose extrapolations. <i>Toxicology</i> , 2015 , 332, 30-40	4.4	116
40	Probing the binding interaction of thionine with lysozyme: A spectroscopic and molecular docking investigation. <i>Dyes and Pigments</i> , 2015 , 112, 210-219	4.6	68
39	Binding thermodynamics of Diclofenac and Naproxen with human and bovine serum albumins: A calorimetric and spectroscopic study. <i>Journal of Chemical Thermodynamics</i> , 2016 , 103, 299-309	2.9	25
38	Advancing In Vitro-In Vivo Extrapolations of Mechanism-Specific Toxicity Data Through Toxicokinetic Modeling. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2017 , 157, 293-317	1.7	2
37	Determination of unbound fraction of pazopanib in vitro and in cancer patients reveals albumin as the main binding site. <i>Investigational New Drugs</i> , 2016 , 34, 41-8	4.3	20
36	Study of binding interaction between anthelmintic 2, 3-dihydroquinazolin-4-ones with bovine serum albumin by spectroscopic methods. <i>Journal of Luminescence</i> , 2016 , 178, 163-171	3.8	13
35	Entrapment of alpha1-acid glycoprotein in high-performance affinity columns for drug-protein binding studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1021, 188-196	3.2	18
34	Adsorption of histones on natural polysaccharides: The potential as agent for multiple organ failure in sepsis. <i>International Journal of Biological Macromolecules</i> , 2016 , 84, 54-7	7.9	3
33	Analysis of free drug fractions in human serum by ultrafast affinity extraction and two-dimensional affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 131-40	4.4	9
32	Calorimetric and spectroscopic binding studies of amoxicillin with human serum albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 127, 1445-1455	4.1	26

31	Influence of antidepressant clomipramine hydrochloride drug on human serum albumin: Spectroscopic study. <i>Journal of Molecular Liquids</i> , 2017 , 241, 91-98	6	47
30	Special Populations: Protein Binding Aspects. 2019 , 1-8		
29	Chemotherapeutic Drug Delivery and Quantitative Analysis of Proliferation, Apoptosis, and Migration in a Tissue-Engineered Three-Dimensional Microvessel Model of the Tumor Microenvironment. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 633-643	5.5	8
28	Multispectroscopic studies of the interaction of folic acid with glycated human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 3731-3739	3.6	5
27	Crosstalk between zinc and free fatty acids in plasma. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019 , 1864, 532-542	5	18
26	Seeking Nonspecific Binding: Assessing the Reliability of Tissue Dilutions for Calculating Fraction Unbound. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 894-902	4	4
25	Binding of levobupivacaine-loaded gold nanoparticles to human serum albumin: a simulated physiological study. <i>Luminescence</i> , 2020 , 35, 1269-1276	2.5	
24	Albumin-Based Transport of Nonsteroidal Anti-Inflammatory Drugs in Mammalian Blood Plasma. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 6847-6862	8.3	15
23	Chemistry, Physicochemical Properties and Pharmacokinetics of Iodinated Contrast Agents. 2021 , 5-15		
22	Recent advances in the determination of unbound concentration and plasma protein binding of drugs: Analytical methods. <i>Talanta</i> , 2021 , 225, 122052	6.2	5
21	Comparison between lab variability and prediction errors for the unbound fraction of drugs in human plasma. <i>Xenobiotica</i> , 2021 , 51, 1095-1100	2	3
20	Protein Binding of Anticancer Drugs. 2004 , 169-188		1
19	Optimizing Drug Dosing in the ICU. 2009 , 859-869		2
18	Suppressive cellular and molecular activities in maternofetal immune interactions; suppressor cell activity, prostaglandins, and alpha-fetoproteins. <i>Current Topics in Microbiology and Immunology</i> , 1997 , 222, 159-87	3.3	13
17	High-Performance Affinity Chromatography: Applications in Drug-Protein Binding Studies and Personalized Medicine. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016 , 102, 1-39	5.3	15
16	Absorption, Metabolism, and Excretion of Intravenously and Orally Administered [14 C]Telmisartan in Healthy Volunteers. 2000 , 40, 1312-1322		34
15	Identification of Human UMP/CMP Kinase 1 as Doxorubicin Binding Target Using Protein Microarray. <i>SLAS Discovery</i> , 2017 , 22, 1007-1015	3.4	5
14	Antimicrobial peptides and peptidomimetics - potent therapeutic allies for staphylococcal infections. <i>Current Pharmaceutical Design</i> , 2015 , 21, 2073-88	3.3	46

13	Characterization of drug interactions with serum proteins by using high-performance affinity chromatography. <i>Current Drug Metabolism</i> , 2011 , 12, 313-28	3.5	62
12	Development of Oxadiazole-Sulfonamide-Based Compounds as Potential Antibacterial Agents. <i>ACS Omega</i> , 2021 , 6, 27798-27813	3.9	3
11	Allgemeine Pharmakologie. <i>Springer-Lehrbuch</i> , 2002 , 1-73	0.4	
10	Protein Binding In Plasma. 2004 ,		
9	nab-Paclitaxel: Reducing Toxicity Using Albumin-Bound Particles as the Carrier for Paclitaxel. <i>Translational Medicine Series</i> , 2007 , 251-258		
8	Optimizing Drug Dosing in the ICU. 2009 , 859-869		
7	Siamo sicuri di utilizzare i farmaci in modo corretto nei pazienti critici?. 2011 , 115-127		
6	Are We Sure We Are Using Drugs Correctly in Critical Patients?. 2012 , 107-119		
5	Allgemeine Pharmakologie. <i>Springer-Lehrbuch</i> , 1997 , 1-71	0.4	
4	Allgemeine Pharmakologie. <i>Springer-Lehrbuch</i> , 1999 , 1-71	0.4	
3	Special Populations: Protein Binding Aspects. 2020 , 765-772		
2	Intermolecular Interactions of Saxagliptin and Vildagliptin with Human Serum Albumin. <i>Journal of Applied Spectroscopy</i> , 2022 , 88, 1266-1275	0.7	1
1	The Impact of Reference Data Selection for the Prediction Accuracy of Intrinsic Hepatic Metabolic Clearance. <i>Journal of Pharmaceutical Sciences</i> , 2022 ,	3.9	1