

MiklÅ³s Simonyi

List of Publications by Year in descending order

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62
papers

2,031
citations

257450

24
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254184

43
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64
docs citations

64
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the binding of the flavonoid, quercetin to human serum albumin by circular dichroism, electronic absorption spectroscopy and molecular modelling methods. <i>Biochemical Pharmacology</i> , 2003, 65, 447-456.	4.4	317
2	On chiral drug action. <i>Medicinal Research Reviews</i> , 1984, 4, 359-413.	10.5	129
3	Molecular basis of the Cotton effects induced by the binding of curcumin to human serum albumin. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2433-2444.	1.8	110
4	Supramolecular exciton chirality of carotenoid aggregates. <i>Chirality</i> , 2003, 15, 680-698.	2.6	104
5	Unique, pH-dependent biphasic band shape of the visible circular dichroism of curcumin-serum albumin complex. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 776-782.	2.1	90
6	Investigation of the Self-Organization of Lutein and Lutein Diacetate by Electronic Absorption, Circular Dichroism Spectroscopy, and Atomic Force Microscopy. <i>Journal of Physical Chemistry B</i> , 2001, 105, 9413-9421.	2.6	72
7	Chirality of bioactive agents in protein binding storage and transport processes. <i>Trends in Pharmacological Sciences</i> , 1986, 7, 112-116.	8.7	65
8	Stereoselective binding of 3-acetoxy-, and 3-hydroxy-1,4-benzodiazepine-2-ones to human serum albumin. <i>Biochemical Pharmacology</i> , 1986, 35, 263-269.	4.4	60
9	Retinoic acid binding properties of the lipocalin member β^2 -lactoglobulin studied by circular dichroism, electronic absorption spectroscopy and molecular modeling methods. <i>Biochemical Pharmacology</i> , 2002, 64, 1651-1660.	4.4	56
10	Selective binding of imatinib to the genetic variants of human β 1-acid glycoprotein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1704-1712.	2.4	50
11	Probing Protein Binding Sites by Circular Dichroism Spectroscopy. <i>Current Drug Discovery Technologies</i> , 2004, 1, 133-153.	1.2	50
12	Specific ligand binding on genetic variants of human β 1-acid glycoprotein studied by circular dichroism spectroscopy. <i>Biochemical Pharmacology</i> , 2004, 67, 679-688.	4.4	45
13	Inhibition of [3H]GABA binding to rat brain synaptic membranes by bicuculline related alkaloids. <i>Biochemical Pharmacology</i> , 1984, 33, 3537-3545.	4.4	43
14	Interaction of the disodium disuccinate derivative of meso-Astaxanthin with human serum albumin: from chiral complexation to self-Assembly. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4093-4100.	2.2	37
15	Stereoselective allosteric binding interaction on human serum albumin between ibuprofen and lorazepam acetate. , 1999, 11, 115-120.		36
16	Ring inversion barrier of diazepam and derivatives: Anab Initio study. , 1999, 11, 651-658.		31
17	Signs of the times: the need for a stereochemically informative generic name system. <i>Trends in Pharmacological Sciences</i> , 1989, 10, 349-354.	8.7	29
18	Color and chirality: carotenoid self-assemblies in flower petals. <i>Planta</i> , 2001, 213, 937-942.	3.2	29

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19	Induced chirality upon crocetin binding to human serum albumin: origin and nature. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3125-3137.	1.8	29
20	Chiral detection of carotenoid assemblies. <i>Chirality</i> , 2001, 13, 446-453.	2.6	29
21	The Supramolecular Structure of Self-Assembly Formed by Capsanthin Derivatives. <i>Enantiomer</i> , 2002, 7, 67-76.	0.5	28
22	Conformational recognition by central benzodiazepine receptors. <i>Bioorganic Chemistry</i> , 1990, 18, 1-12.	4.1	26
23	Induced circular dichroism spectra reveal binding of the antiinflammatory curcumin to human α_1 -acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3239-3245.	3.0	26
24	Selective binding of coumarin enantiomers to human α_1 -acid glycoprotein genetic variants. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1959-1965.	3.0	26
25	Chiral separation by a monofunctionalized cyclodextrin derivative: From selector to permethyl- β -cyclodextrin bonded stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 84-89.	2.8	26
26	Induced chirality upon binding of <i>cis</i> -parinaric acid to bovine β -lactoglobulin: spectroscopic characterization of the complex. <i>FEBS Letters</i> , 2002, 520, 81-87.	2.8	25
27	Resolution by affinity chromatography: stereoselective binding of racemic oxazepam esters to human serum albumin. <i>Journal of Chromatography A</i> , 1983, 259, 494-498.	3.7	24
28	Stereoselective binding of a 2,3-benzodiazepine to human serum albumin. <i>Biochemical Pharmacology</i> , 1983, 32, 1917-1920.	4.4	24
29	In vitro plasma protein binding and aqueous aggregation behavior of astaxanthin dilysinat tetrahydrochloride. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5357-5366.	2.2	24
30	Benzodiazepine anticonvulsants accelerate and β -carboline convulsants decelerate the kinetics of [35S]TBPS binding at the chloride ionophore. <i>European Journal of Pharmacology</i> , 1985, 117, 275-278.	3.5	23
31	Binding of vinca alkaloid analogues to human serum albumin and to α_1 -acid glycoprotein. <i>Biochemical Pharmacology</i> , 1991, 41, 377-383.	4.4	23
32	Stereoselective effect of phenprocoumon enantiomers on the binding of benzodiazepines to human serum albumin. <i>Chirality</i> , 1992, 4, 21-23.	2.6	21
33	Inverse stereoselectivity in the binding of acenocoumarol to human serum albumin and to α_1 -acid glycoprotein. <i>Biochemical Pharmacology</i> , 1989, 38, 2259-2262.	4.4	19
34	Supramolecular assemblies of carotenoids. <i>Chirality</i> , 2001, 13, 739-744.	2.6	19
35	Conformation selectivity in the binding of diazepam and analogues to α_1 -acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4857-4862.	3.0	19
36	Confirmation of the Absolute (3R,3 ϵ S,6 ϵ R)-Configuration of (all-E)-3 ϵ -Epilutein. <i>Helvetica Chimica Acta</i> , 2004, 87, 2159-2168.	1.6	18

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37	Optically Active Oligomer Units in Aggregates of a Highly Unsaturated, Optically Inactive Carotenoid Phospholipid. <i>Chemistry - A European Journal</i> , 2005, 11, 4103-4108.	3.3	18
38	Further insight into the molecular basis of carotenoid-albumin interactions: circular dichroism and electronic absorption study on different crocetin-albumin complexes. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 273-283.	1.8	17
39	The role of configuration and conformation in the binding of 2,3-benzodiazepines to human serum albumin. <i>Chirality</i> , 1989, 1, 271-275.	2.6	15
40	Selective binding interactions of deramciclone to the genetic variants of human α_1 -acid glycoprotein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 367-372.	2.4	15
41	Binding of 3-Alkyl-1,4-benzodiazepin-2-one Stereoisomers to Human Serum Albumin. <i>Archiv Der Pharmazie</i> , 1986, 319, 744-749.	4.1	13
42	Selective effect of clonazepam and (S)-uxepam on the binding of warfarin enantiomers to human serum albumin. <i>Journal of Chromatography A</i> , 1988, 450, 217-220.	3.7	13
43	Stereoselective effect of warfarin and bilirubin on the binding of 5-(o-chlorophenyl)-1,3-dihydro-3-methyl-7-nitro-2H-1,4-benzodiazepin-2-one enantiomers to human serum albumin. <i>Chirality</i> , 1990, 2, 161-166.	2.6	13
44	Stereoselective distribution of acenocoumarol enantiomers in human plasma: Chiral chromatographic analysis of the ultrafiltrates. <i>Chirality</i> , 1993, 5, 346-349.	2.6	13
45	Configuration of a single centre determines chirality of supramolecular carotenoid self-assembly. <i>Tetrahedron Letters</i> , 2001, 42, 2561-2563.	1.4	13
46	Factors affecting supramolecular exciton intensity. <i>Chirality</i> , 2010, 22, E183-5.	2.6	13
47	Structure and stability of warfarin-sodium inclusion complexes formed with permethylated monoamino- β -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 292-298.	2.8	13
48	Nonequilibrium modulation of 3S-TBPS binding by benzodiazepine agonists and antagonists. <i>Biochemical Pharmacology</i> , 1988, 37, 2195-2200.	4.4	12
49	Induced circular dichroism spectra reveal binding of the antiinflammatory curcumin to human α_1 -acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3239-3245.	3.0	12
50	Towards a more physiological approach in GABA binding. <i>Neurochemistry International</i> , 1985, 7, 737-743.	3.8	11
51	The concept of chiral conformers and its significance in molecular pharmacology. <i>Advances in Drug Research</i> , 1997, 30, 73-110.	0.8	11
52	Inhibition of β -aminobutyric acid uptake by bicuculline analogues. <i>European Journal of Pharmacology</i> , 1997, 337, 83-86.	3.5	8
53	Role of Secondary Interactions in the Conformational Equilibrium of 2,6-Diisopropylphenol. <i>Journal of Physical Chemistry A</i> , 2001, 105, 3471-3474.	2.5	8
54	Stereoselective labelling of racemic oxazepam acetate and its use in studying stereoselective binding to human serum albumin. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 1105.	2.0	7

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55	Methiodide of the GABA antagonist (+)-bicuculline is levorotatory. <i>Chirality</i> , 1989, 1, 178-179.	2.6	7
56	Stereoselective Reduction of 'Capsanthol-3-ones' (=3,6-Dihydroxy- β -caroten-3-ones) by Complex Hydrides. <i>Helvetica Chimica Acta</i> , 2001, 84, 263-270.	1.6	5
57	Kinetic Modulation by GABAergic Agents of High- and Low-Affinity Binding of [3H]Methyl β -Carboline-3-Carboxylate. <i>Journal of Neurochemistry</i> , 1988, 50, 1859-1864.	3.9	4
58	Reduction of Capsorubin and Cryptocapsin. <i>Helvetica Chimica Acta</i> , 2001, 84, 3810-3817.	1.6	4
59	Preparation of Partially Acetylated Carotenoids. <i>Helvetica Chimica Acta</i> , 2002, 85, 2349-2357.	1.6	2
60	Ring inversion barrier of diazepam and derivatives: An ab Initio study. <i>Chirality</i> , 1999, 11, 651-658.	2.6	2
61	Correlation between regional and kinetic heterogeneities of β -carboline/benzodiazepine receptor binding in rat brain. <i>Neuroscience Letters</i> , 1989, 99, 229-233.	2.1	0
62	Stereochemical Definitions and Nomenclature: Changing Signs?. <i>Drug Information Journal</i> , 1994, 28, 533-540.	0.5	0