

# MiklÅ³s Simonyi

## List of Publications by Year in descending order

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62  
papers

2,031  
citations

257450

24  
h-index

254184

43  
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64  
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64  
docs citations

64  
times ranked

1691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and stability of warfarin-sodium inclusion complexes formed with permethylated monoamino- $\beta$ -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 292-298.	2.8	13
2	Factors affecting supramolecular exciton intensity. <i>Chirality</i> , 2010, 22, E183-5.	2.6	13
3	Chiral separation by a monofunctionalized cyclodextrin derivative: From selector to permethyl- $\beta$ -cyclodextrin bonded stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 84-89.	2.8	26
4	Selective binding interactions of deramciclane to the genetic variants of human $\alpha$ 1-acid glycoprotein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 367-372.	2.4	15
5	Conformation selectivity in the binding of diazepam and analogues to $\alpha$ 1-acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4857-4862.	3.0	19
6	Selective binding of imatinib to the genetic variants of human $\alpha$ 1-acid glycoprotein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1704-1712.	2.4	50
7	Selective binding of coumarin enantiomers to human $\alpha$ 1-acid glycoprotein genetic variants. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1959-1965.	3.0	26
8	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
9	Specific ligand binding on genetic variants of human $\alpha$ 1-acid glycoprotein studied by circular dichroism spectroscopy. <i>Biochemical Pharmacology</i> , 2004, 67, 679-688.	4.4	45
10	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
11	Confirmation of the Absolute (3R,3 $\alpha$ S,6 $\alpha$ R)-Configuration of (all-E)-3 $\alpha$ -Epilutein. <i>Helvetica Chimica Acta</i> , 2004, 87, 2159-2168.	1.6	18
12	Induced circular dichroism spectra reveal binding of the antiinflammatory curcumin to human $\alpha$ 1-acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3239-3245.	3.0	12
13	Induced circular dichroism spectra reveal binding of the antiinflammatory curcumin to human $\alpha$ 1-acid glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3239-3245.	3.0	26
14	Probing Protein Binding Sites by Circular Dichroism Spectroscopy. <i>Current Drug Discovery Technologies</i> , 2004, 1, 133-153.	1.2	50
15	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
16	Supramolecular exciton chirality of carotenoid aggregates. <i>Chirality</i> , 2003, 15, 680-698.	2.6	104
17	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
18	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

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19	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
20	The Supramolecular Structure of Self-Assembly Formed by Capsanthin Derivatives. <i>Enantiomer</i> , 2002, 7, 67-76.	0.5	28
21	Induced chirality upon binding of cis-parinaric acid to bovine $\beta$ -lactoglobulin: spectroscopic characterization of the complex. <i>FEBS Letters</i> , 2002, 520, 81-87.	2.8	25
22	Retinoic acid binding properties of the lipocalin member $\beta$ -lactoglobulin studied by circular dichroism, electronic absorption spectroscopy and molecular modeling methods. <i>Biochemical Pharmacology</i> , 2002, 64, 1651-1660.	4.4	56
23	Preparation of Partially Acetylated Carotenoids. <i>Helvetica Chimica Acta</i> , 2002, 85, 2349-2357.	1.6	2
24	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
25	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
26	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
27	Color and chirality: carotenoid self-assemblies in flower petals. <i>Planta</i> , 2001, 213, 937-942.	3.2	29
28	Configuration of a single centre determines chirality of supramolecular carotenoid self-assembly. <i>Tetrahedron Letters</i> , 2001, 42, 2561-2563.	1.4	13
29	Induced chirality upon crocetin binding to human serum albumin: origin and nature. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3125-3137.	1.8	29
30	Supramolecular assemblies of carotenoids. <i>Chirality</i> , 2001, 13, 739-744.	2.6	19
31	Chiral detection of carotenoid assemblies. <i>Chirality</i> , 2001, 13, 446-453.	2.6	29
32	Stereoselective Reduction of 'Capsanthol-3-ones' (=3,6-Dihydroxy- $\beta$ -caroten-3-ones) by Complex Hydrides. <i>Helvetica Chimica Acta</i> , 2001, 84, 263-270.	1.6	5
33	Reduction of Capsorubin and Cryptocapsin. <i>Helvetica Chimica Acta</i> , 2001, 84, 3810-3817.	1.6	4
34	Stereoselective allosteric binding interaction on human serum albumin between ibuprofen and lorazepam acetate. , 1999, 11, 115-120.		36
35	Ring inversion barrier of diazepam and derivatives: An ab Initio study. , 1999, 11, 651-658.		31
36	Ring inversion barrier of diazepam and derivatives: An ab Initio study. <i>Chirality</i> , 1999, 11, 651-658.	2.6	2

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37	The concept of chiral conformers and its significance in molecular pharmacology. <i>Advances in Drug Research</i> , 1997, 30, 73-110.	0.8	11
38	Inhibition of $\hat{I}^3$ -aminobutyric acid uptake by bicuculline analogues. <i>European Journal of Pharmacology</i> , 1997, 337, 83-86.	3.5	8
39	Stereochemical Definitions and Nomenclature: Changing Signs?. <i>Drug Information Journal</i> , 1994, 28, 533-540.	0.5	0
40	Stereoselective distribution of acenocoumarol enantiomers in human plasma: Chiral chromatographic analysis of the ultrafiltrates. <i>Chirality</i> , 1993, 5, 346-349.	2.6	13
41	Stereoselective effect of phenprocoumon enantiomers on the binding of benzodiazepines to human serum albumin. <i>Chirality</i> , 1992, 4, 21-23.	2.6	21
42	Binding of vinca alkaloid analogues to human serum albumin and to $\hat{I}^{\pm 1}$ -acid glycoprotein. <i>Biochemical Pharmacology</i> , 1991, 41, 377-383.	4.4	23
43	Stereoselective effect of warfarin and bilirubin on the binding of 5-(o-chlorophenyl)-1,3-dihydro-3-methyl-7-nitro-2H-1,4-benzodiazin-2-one enantiomers to human serum albumin. <i>Chirality</i> , 1990, 2, 161-166.	2.6	13
44	Conformational recognition by central benzodiazepine receptors. <i>Bioorganic Chemistry</i> , 1990, 18, 1-12.	4.1	26
45	Methiodide of the GABA antagonist (+)-bicuculline is levorotatory. <i>Chirality</i> , 1989, 1, 178-179.	2.6	7
46	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
47	Correlation between regional and kinetic heterogeneities of $\hat{I}^2$ -carboline/benzodiazepine receptor binding in rat brain. <i>Neuroscience Letters</i> , 1989, 99, 229-233.	2.1	0
48	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
49	Inverse stereoselectivity in the binding of acenocoumarol to human serum albumin and to $\hat{I}^{\pm 1}$ -acid glycoprotein. <i>Biochemical Pharmacology</i> , 1989, 38, 2259-2262.	4.4	19
50	Kinetic Modulation by GABAergic Agents of High- and Low-Affinity Binding of $[3H]$ Methyl $\hat{I}^2$ -Carboline-3-Carboxylate. <i>Journal of Neurochemistry</i> , 1988, 50, 1859-1864.	3.9	4
51	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
52	Nonequilibrium modulation of $^3S$ -TBPS binding by benzodiazepine agonists and antagonists. <i>Biochemical Pharmacology</i> , 1988, 37, 2195-2200.	4.4	12
53	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
54	Chirality of bioactive agents in protein binding storage and transport processes. <i>Trends in Pharmacological Sciences</i> , 1986, 7, 112-116.	8.7	65

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55	Binding of 3-Alkyl-1,4-benzodiazepin-2-one Stereoisomers to Human Serum Albumin. Archiv Der Pharmazie, 1986, 319, 744-749.	4.1	13
56	Towards a more physiological approach in GABA binding. Neurochemistry International, 1985, 7, 737-743.	3.8	11
57	Benzodiazepine anticonvulsants accelerate and $\hat{1}^2$ -carboline convulsants decelerate the kinetics of [35S]TBPS binding at the chloride ionophore. European Journal of Pharmacology, 1985, 117, 275-278.	3.5	23
58	On chiral drug action. Medicinal Research Reviews, 1984, 4, 359-413.	10.5	129
59	Inhibition of [3H]GABA binding to rat brain synaptic membranes by bicuculline related alkaloids. Biochemical Pharmacology, 1984, 33, 3537-3545.	4.4	43
60	Resolution by affinity chromatography: stereoselective binding of racemic oxazepam esters to human serum albumin. Journal of Chromatography A, 1983, 259, 494-498.	3.7	24
61	Stereoselective binding of a 2,3-benzodiazepine to human serum albumin. Biochemical Pharmacology, 1983, 32, 1917-1920.	4.4	24
62	Stereoselective labelling of racemic oxazepam acetate and its use in studying stereoselective binding to human serum albumin. Journal of the Chemical Society Chemical Communications, 1980, , 1105.	2.0	7