

# Pierre-Alain Carrupt

## List of Publications by Year in descending order

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192  
papers

11,188  
citations

18887

64  
h-index

45040

94  
g-index

200  
all docs

200  
docs citations

200  
times ranked

11151  
citing authors

#	ARTICLE	IF	CITATIONS
1	HDM-PAMPA to predict gastrointestinal absorption, binding percentage, equilibrium and kinetics constants with human serum albumin and using 2 end-point measurements. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 143-150.	1.9	16
2	Normal phase HPLC-based activity profiling of non-polar crude plant extracts " acetylcholinesterase inhibiting guttiferones from <i>Montrouziera cauliflora</i> as a case study. <i>Natural Product Research</i> , 2016, 30, 2754-2759.	1.0	3
3	Limits of rapid log P determination methods for highly lipophilic and flexible compounds. <i>Analytica Chimica Acta</i> , 2016, 915, 90-101.	2.6	9
4	Prediction of the Passive Intestinal Absorption of Medicinal Plant Extract Constituents with the Parallel Artificial Membrane Permeability Assay (PAMPA). <i>Planta Medica</i> , 2016, 82, 424-431.	0.7	32
5	Pharmacophore-based discovery of inhibitors of a novel drug/proton antiporter in human brain endothelial hCMEC/D3 cell line. <i>British Journal of Pharmacology</i> , 2015, 172, 4888-4904.	2.7	28
6	Alkaloids from <i>Psychotria Target Sirtuins</i> : In Silico and In Vitro Interaction Studies. <i>Planta Medica</i> , 2015, 81, 517-524.	0.7	8
7	Structure-Based Design and Optimization of Multitarget-Directed 2 <i>H</i> -Chromen-2-one Derivatives as Potent Inhibitors of Monoamine Oxidase B and Cholinesterases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5561-5578.	2.9	89
8	Modification of a PAMPA model to predict passive gastrointestinal absorption and plasma protein binding. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 77, 273-278.	1.9	12
9	Alkaloids as Inhibitors of Monoamine Oxidases and Their Role in the Central Nervous System. <i>Studies in Natural Products Chemistry</i> , 2014, 43, 123-144.	0.8	10
10	Modeling the Met Form of Human Tyrosinase: A Refined and Hydrated Pocket for Antagonist Design. <i>Chemical Biology and Drug Design</i> , 2014, 84, 206-215.	1.5	23
11	MLP Tools: a PyMOL plugin for using the molecular lipophilicity potential in computer-aided drug design. <i>Journal of Computer-Aided Molecular Design</i> , 2014, 28, 587-596.	1.3	18
12	Retention time prediction for dereplication of natural products (C <sub>x</sub> H <sub>y</sub> O <sub>z</sub> ) in LC-MS metabolite profiling. <i>Phytochemistry</i> , 2014, 108, 196-207.	1.4	44
13	Predicting both passive intestinal absorption and the dissociation constant toward albumin using the PAMPA technique. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 36-44.	1.9	19
14	cIEF for rapid pKa determination of small molecules: A proof of concept. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 14-21.	1.9	10
15	Collateral sensitivity of resistant MRP1-overexpressing cells to flavonoids and derivatives through GSH efflux. <i>Biochemical Pharmacology</i> , 2014, 90, 235-245.	2.0	41
16	Study of Leaf Metabolome Modifications Induced by UV-C Radiations in Representative <i>Vitis</i> , <i>Cissus</i> and <i>Cannabis</i> Species by LC-MS Based Metabolomics and Antioxidant Assays. <i>Molecules</i> , 2014, 19, 14004-14021.	1.7	48
17	New high throughput screening method for drug release measurements. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 151-157.	2.0	5
18	High performance affinity chromatography (HPAC) as a high-throughput screening tool in drug discovery to study drug-plasma protein interactions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 205-212.	1.4	36

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19	Indole alkaloids of Psychotria as multifunctional cholinesterases and monoamine oxidases inhibitors. <i>Phytochemistry</i> , 2013, 86, 8-20.	1.4	76
20	Large, chemically diverse dataset of logP measurements for benchmarking studies. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 21-29.	1.9	42
21	Global analytical strategy to measure drug-plasma protein interactions: from high-throughput to in-depth analysis. <i>Drug Discovery Today</i> , 2013, 18, 1030-1034.	3.2	36
22	Methodologies to Assess Drug Permeation Through the Blood-Brain Barrier for Pharmaceutical Research. <i>Pharmaceutical Research</i> , 2013, 30, 2729-2756.	1.7	36
23	Molecular Docking Using the Molecular Lipophilicity Potential as Hydrophobic Descriptor: Impact on GOLD Docking Performance. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1319-1327.	2.5	35
24	High resolution ultra high pressure liquid chromatography-time-of-flight mass spectrometry dereplication strategy for the metabolite profiling of Brazilian Lippia species. <i>Journal of Chromatography A</i> , 2012, 1259, 167-178.	1.8	63
25	Determination of alkane/water partition coefficients of polar compounds using hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2012, 1260, 164-168.	1.8	9
26	Characterization of drug-protein interactions by capillary electrophoresis hyphenated to mass spectrometry. <i>Electrophoresis</i> , 2012, 33, 3306-3315.	1.3	39
27	Esters of L-Dopa: Structure-hydrolysis Relationships and Ability to Induce Circling Behaviour in an Experimental Model of Hemiparkinsonism. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 47, 861-869.	1.2	20
28	Influence of Lipophilicity and Chirality on the Selectivity of Ligands for $\alpha_1$ - and $\alpha_2$ -Adrenoceptors. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 40, 609-612.	1.2	18
29	Ultra High Pressure Liquid Chromatography for Crude Plant Extract Profiling. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 51-70.	0.7	59
30	Evaluation and Prediction of Drug Permeation. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 51, 1339-1357.	1.2	53
31	Drug-protein binding: a critical review of analytical tools. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 53-66.	1.9	326
32	Physicochemical profile and in vitro permeation behavior of a new class of non-steroidal anti-inflammatory drug candidates. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 217-221.	1.9	1
33	High-throughput log P determination by MEEKC coupled with UV and MS detections. <i>Electrophoresis</i> , 2010, 31, 952-964.	1.3	27
34	Improvement of a capillary electrophoresis/frontal analysis (CE/FA) method for determining binding constants: Discussion on relevant parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1288-1297.	1.4	39
35	Standard machine learning algorithms applied to UPLC-TOF/MS metabolic fingerprinting for the discovery of wound biomarkers in <i>Arabidopsis thaliana</i> . <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010, 104, 20-27.	1.8	23
36	Entacapone and Tolcapone, Two Catechol O-Methyltransferase Inhibitors, Block Fibril Formation of $\alpha$ -Synuclein and $\beta$ -Amyloid and Protect against Amyloid-induced Toxicity. <i>Journal of Biological Chemistry</i> , 2010, 285, 14941-14954.	1.6	119

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37	Molecular Electrocatalysis for Oxygen Reduction by Cobalt Porphyrins Adsorbed at Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 2655-2662.	6.6	141
38	Advances in LC platforms for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 475-489.	2.5	20
39	A fast screening strategy for characterizing peptide delivery by transdermal iontophoresis. <i>Journal of Controlled Release</i> , 2009, 137, 123-129.	4.8	12
40	Analytical tools for the physicochemical profiling of drug candidates to predict absorption/distribution. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 707-729.	1.9	68
41	Fast log P determination by ultra-high-pressure liquid chromatography coupled with UV and mass spectrometry detections. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1919-1930.	1.9	41
42	Metabolite profiling of plant extracts by ultra-high-pressure liquid chromatography at elevated temperature coupled to time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5660-5668.	1.8	61
43	Lipophilicity of Basic Drugs Measured by Hydrophilic Interaction Chromatography. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3416-3419.	2.9	28
44	Monoamine oxidase inhibition by <i>Rhodiola rosea</i> L. roots. <i>Journal of Ethnopharmacology</i> , 2009, 122, 397-401.	2.0	158
45	Antioxidant Phenylethanoid Glycosides and a Neolignan from <i>Jacaranda caucana</i> . <i>Journal of Natural Products</i> , 2009, 72, 852-856.	1.5	23
46	UPLC-TOF-MS for plant metabolomics: A sequential approach for wound marker analysis in <i>Arabidopsis thaliana</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 261-270.	1.2	96
47	Structure-Antioxidant Activity Relationships in a Series of NO-Donor Phenols. <i>ChemMedChem</i> , 2008, 3, 1443-1448.	1.6	6
48	Physicochemical Profiling of Sartans: A Detailed Study of Ionization Constants and Distribution Coefficients. <i>Helvetica Chimica Acta</i> , 2008, 91, 468-482.	1.0	51
49	Optimized liquid chromatography-mass spectrometry approach for the isolation of minor stress biomarkers in plant extracts and their identification by capillary nuclear magnetic resonance. <i>Journal of Chromatography A</i> , 2008, 1180, 90-98.	1.8	97
50	High-Throughput log <sub>P</sub> Determination by Ultrapformance Liquid Chromatography: A Convenient Tool for Medicinal Chemists. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 396-399.	2.9	34
51	In vitro screening assays to identify natural or synthetic acetylcholinesterase inhibitors: Thin layer chromatography versus microplate methods. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 109-119.	1.9	110
52	High throughput UV method for the estimation of thermodynamic solubility and the determination of the solubility in biorelevant media. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 230-240.	1.9	85
53	The PAMPA technique as a HTS tool for partition coefficients determination in different solvent/water systems. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 35, 68-75.	1.9	16
54	Antioxidant C-Glucosylxanthones from the Leaves of <i>Arrabidaea patellifera</i> . <i>Journal of Natural Products</i> , 2008, 71, 1887-1890.	1.5	34

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55	Ferulenol specifically inhibits succinate ubiquinone reductase at the level of the ubiquinone cycle. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 252-257.	1.0	27
56	Computational Approaches to Lipophilicity: Methods and Applications. <i>Reviews in Computational Chemistry</i> , 2007, , 241-315.	1.5	45
57	In Silico and In Vitro Filters for the Fast Estimation of Skin Permeation and Distribution of New Chemical Entities. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 742-748.	2.9	33
58	Development of a two-step screening ESI-TOF-MS method for rapid determination of significant stress-induced metabolome modifications in plant leaf extracts: The wound response in <i>Arabidopsis thaliana</i> as a case study. <i>Journal of Separation Science</i> , 2007, 30, 2268-2278.	1.3	46
59	Novel screening assay for antioxidant protection against peroxyl radical-induced loss of protein function. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2931-2944.	1.6	23
60	Multivariate data analysis of rapid LC-TOF/MS experiments from <i>Arabidopsis thaliana</i> stressed by wounding. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 86, 189-197.	1.8	35
61	NO-donor melatonin derivatives: synthesis and in vitro pharmacological characterization. <i>Journal of Pineal Research</i> , 2007, 42, 371-385.	3.4	13
62	Rapid determination of pK <sub>a</sub> values of 20 amino acids by CZE with UV and capacitively coupled contactless conductivity detections. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1869-1878.	1.9	58
63	Impact of Species-Dependent Differences on Screening, Design, and Development of MAO B Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6264-6272.	2.9	79
64	Parallel Artificial Membrane Permeability Assay: A New Membrane for the Fast Prediction of Passive Human Skin Permeability. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3948-3954.	2.9	160
65	Immobilized pH Gradient Gel Cell To Study the pH Dependence of Drug Lipophilicity. <i>Analytical Chemistry</i> , 2006, 78, 1503-1508.	3.2	25
66	Development of an in Vitro Rat Intestine Segmental Perfusion Model to Investigate Permeability and Predict Oral Fraction Absorbed. <i>Pharmaceutical Research</i> , 2006, 23, 1543-1553.	1.7	7
67	Structure-permeation relationships for the non-invasive transdermal delivery of cationic peptides by iontophoresis. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 53-59.	1.9	26
68	The Lipophilicity Behavior of Three Catechol-O-methyltransferase (COMT) Inhibitors and Simple Analogues. <i>Helvetica Chimica Acta</i> , 2006, 89, 144-152.	1.0	13
69	Identification of Novel Multifunctional Compounds for the Treatment of Some Aging Related Neurodegenerative Diseases. <i>Chimia</i> , 2005, 59, 315-320.	0.3	8
70	Experimental and Virtual Physicochemical and Pharmacokinetic Profiling of New Chemical Entities. <i>Chimia</i> , 2005, 59, 308-314.	0.3	13
71	Human recombinant monoamine oxidase B as reliable and efficient enzyme source for inhibitor screening. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6212-6217.	1.4	121
72	Numerical simulation of two-phase partition chromatography in microchannels for moderated logP measurements. <i>Journal of Chromatography A</i> , 2005, 1063, 89-97.	1.8	3

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73	Novel RPLC stationary phases for lipophilicity measurement: Solvatochromic analysis of retention mechanisms for neutral and basic compounds. <i>Journal of Separation Science</i> , 2005, 28, 2350-2362.	1.3	28
74	Determination of pKa values by capillary zone electrophoresis with a dynamic coating procedure. <i>Journal of Separation Science</i> , 2005, 28, 2374-2380.	1.3	81
75	Imidazole H3-antagonists: relationship between structure and ex vivo binding to rat brain H3-receptors. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 23, 89-98.	1.9	13
76	Quantitative Structure-Permeation Relationships (QSPeRs) to Predict Skin Permeation: A Critical Evaluation. <i>Pharmaceutical Research</i> , 2004, 21, 83-92.	1.7	134
77	Screening of Non-Alkaloidal Natural Compounds as Acetylcholinesterase Inhibitors. <i>Chemistry and Biodiversity</i> , 2004, 1, 819-829.	1.0	69
78	Liposome/water lipophilicity: Methods, information content, and pharmaceutical applications. <i>Medicinal Research Reviews</i> , 2004, 24, 299-324.	5.0	100
79	Liposome/Water Lipophilicity: Methods, Information Content, and Pharmaceutical Applications. <i>ChemInform</i> , 2004, 35, no.	0.1	0
80	A Comparison of the Solvation Properties of 2-Nitrophenyloctyl Ether, Nitrobenzene, and n-Octanol as Assessed by Ion Transfer Experiments. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4565-4572.	1.2	73
81	Fluoride curcumin derivatives: new mitochondrial uncoupling agents. <i>FEBS Letters</i> , 2004, 569, 37-42.	1.3	37
82	Water-oil partition profiling of ionized drug molecules using cyclic voltammetry and a 96-well microfilter plate system. <i>Pharmaceutical Research</i> , 2003, 20, 1317-1322.	1.7	42
83	Partition Coefficients of Ionizable Compounds in n-Nitrophenyl Octyl Ether/Water Measured by the Potentiometric Method. <i>Analytical Chemistry</i> , 2003, 75, 7036-7039.	3.2	22
84	Solvatochromic Analysis of Partition Coefficients in the n-Nitrophenyl Octyl Ether (o-NPOE)/Water System. <i>Helvetica Chimica Acta</i> , 2003, 86, 3533-3547.	1.0	26
85	Immobilized Artificial Membrane HPLC in Drug Research. <i>ChemInform</i> , 2003, 34, no.	0.1	0
86	Immobilized Artificial Membrane HPLC in Drug Research. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 655-665.	2.9	128
87	Standard partition coefficients of anionic drugs in the n-octanol/water system determined by voltammetry at three-phase electrodes. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3748-3751.	1.3	85
88	Exploration of the Pharmacophore of 3-Alkyl-5-Arylimidazolidinediones as New CB1 Cannabinoid Receptor Ligands and Potential Antagonists: Synthesis, Lipophilicity, Affinity, and Molecular Modeling. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1748-1756.	2.9	46
89	A simple model to predict blood-brain barrier permeation from 3D molecular fields. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1587, 118-125.	1.8	63
90	Recognition forces involved in mitochondrial binding to a low-affinity trimetazidine binding site related to anti-ischemic activity. <i>Biochemical Pharmacology</i> , 2002, 63, 1691-1697.	2.0	20

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91	The relative partitioning of neutral and ionised compounds in sodium dodecyl sulfate micelles measured by micellar electrokinetic capillary chromatography. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 15, 225-234.	1.9	23
92	Lipophilicity and Solvation of Anionic Drugs. <i>Chemistry - A European Journal</i> , 2002, 8, 3478.	1.7	87
93	Structural Properties Governing Retention Mechanisms on Immobilized Artificial Membrane (IAM) HPLC Columns. <i>Helvetica Chimica Acta</i> , 2002, 85, 519-532.	1.0	40
94	Natural and synthetic geiparvarins are strong and selective MAO-B inhibitors. synthesis and SAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 3551-3555.	1.0	87
95	Immobilized artificial membrane liquid chromatography: proposed guidelines for technical optimization of retention measurements. <i>Journal of Chromatography A</i> , 2002, 953, 39-53.	1.8	42
96	Cyclic voltammetry of highly hydrophilic ions at a supported liquid membrane. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 10-15.	1.9	54
97	Molecular factors influencing retention on immobilized artificial membranes (IAM) compared to partitioning in liposomes and n-octanol. <i>Pharmaceutical Research</i> , 2002, 19, 729-737.	1.7	85
98	Theoretical and experimental exploration of the lipophilicity of zwitterionic drugs in the 1,2-dichloroethane/water system. <i>Pharmaceutical Research</i> , 2002, 19, 1150-1159.	1.7	37
99	Quantitative structure-permeation relationships for solute transport across silicone membranes. <i>Pharmaceutical Research</i> , 2002, 19, 1622-1629.	1.7	55
100	Coumarins Derivatives as Dual Inhibitors of Acetylcholinesterase and Monoamine Oxidase. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 3195-3198.	2.9	267
101	Generalization of Ionic Partition Diagrams to Lipophilic Compounds and to Biphasic Systems with Variable Phase Volume Ratios. <i>Journal of the American Chemical Society</i> , 2001, 123, 10684-10690.	6.6	65
102	Development of molecular hydrogen-bonding potentials (MHBPs) and their application to structure-permeation relations. <i>Journal of Molecular Graphics and Modelling</i> , 2001, 19, 521-535.	1.3	31
103	Ionic Partition Diagram of the Zwitterionic Antihistamine Cetirizine. <i>Helvetica Chimica Acta</i> , 2001, 84, 375-387.	1.0	31
104	Natural and Synthetic Xanthenes as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. <i>Helvetica Chimica Acta</i> , 2001, 84, 552-570.	1.0	72
105	Structural damage to proteins caused by free radicals: assessment, protection by antioxidants, and influence of protein binding. Abbreviations: AAPH, 2,2'-azobis(2-amidinopropane) 2 HCl; and HSA, human serum albumin.. <i>Biochemical Pharmacology</i> , 2001, 61, 1237-1242.	2.0	96
106	Physicochemical Characterization of Sildenafil: Ionization, Lipophilicity Behavior, and Ionic-Partition Diagram Studied by Two-Phase Titration and Electrochemistry. <i>Helvetica Chimica Acta</i> , 2000, 83, 1465-1474.	1.0	62
107	The influence of lipophilicity on the pharmacokinetic behavior of drugs: Concepts and examples. <i>Journal of Computer - Aided Molecular Design</i> , 2000, 19, 179-211.	1.0	190
108	Predicting Blood-Brain Barrier Permeation from Three-Dimensional Molecular Structure. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2204-2216.	2.9	428

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109	Inhibition of Monoamine Oxidases by Functionalized Coumarin Derivatives: Biological Activities, QSARs, and 3D-QSARs. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4747-4758.	2.9	248
110	Reversible Inhibition of MAO-A and B by Diazoheterocyclic Compounds: Development of QSAR/CoMFA Models. , 2000, , 353-354.		0
111	Ionic partition diagrams of ionisable drugs: pH-lipophilicity profiles, transfer mechanisms and charge effects on solvation. <i>Journal of Electroanalytical Chemistry</i> , 1999, 462, 235-250.	1.9	113
112	Production and characterization of 22 monoclonal antibodies directed against S 20499, a new potent 5-HT1A chiral agonist: influence of the hapten structure on specificity and stereorecognition. <i>Pharmaceutical Research</i> , 1999, 16, 725-735.	1.7	1
113	The pH-partition profile of the anti-ischemic drug trimetazidine may explain its reduction of intracellular acidosis. <i>Pharmaceutical Research</i> , 1999, 16, 616-624.	1.7	29
114	Effects of Charge and Intramolecular Structure on the Lipophilicity of Nitrophenols. <i>Journal of the American Chemical Society</i> , 1999, 121, 1743-1747.	6.6	58
115	Combined molecular lipophilicity descriptors and their role in understanding intramolecular effects. <i>Pharmaceutical Science &amp; Technology Today</i> , 1999, 2, 327-335.	0.7	65
116	Development of a Capillary Electrophoresis Method to Monitor Protein Oxidation and Antioxidant Protection. <i>Helvetica Chimica Acta</i> , 1999, 82, 870-878.	1.0	10
117	Structure-Lipophilicity Relationships of Neutral and Protonated $\beta$ -Blockers, Part I, Intra- and Intermolecular Effects in Isotropic Solvent Systems. <i>Helvetica Chimica Acta</i> , 1999, 82, 1211-1222.	1.0	91
118	Charge and Delocalisation Effects on the Lipophilicity of Protonable Drugs. <i>Chemistry - A European Journal</i> , 1999, 5, 39-47.	1.7	78
119	Monoamine oxidase inhibitory properties of some benzazoles: Structure-; Activity relationships. <i>AAPS PharmSci</i> , 1999, 1, 1-4.	1.3	65
120	Mechanism and dynamics of methyl and ethyl orange transfer across the water/1,2-dichloroethane interface. <i>Electrochimica Acta</i> , 1998, 44, 3-13.	2.6	45
121	Mechanisms of liposomes/water partitioning of (p-methylbenzyl)alkylamines. <i>Pharmaceutical Research</i> , 1998, 15, 1407-1413.	1.7	38
122	Inhibition of Monoamine Oxidase-B by Condensed Pyridazines and Pyrimidines: Effects of Lipophilicity and Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3812-3820.	2.9	84
123	Evidence for the existence of [ $^3\text{H}$ ]-trimetazidine binding sites involved in the regulation of the mitochondrial permeability transition pore. <i>British Journal of Pharmacology</i> , 1998, 123, 1385-1394.	2.7	46
124	Facilitated ion transfer reactions across oil   water interfaces. <i>Journal of Electroanalytical Chemistry</i> , 1998, 451, 59-76.	1.9	108
125	Facilitated ion transfer reactions across oil   water interfaces. Part I. Algebraic development and calculation of cyclic voltammetry experiments for successive complex formation. <i>Journal of Electroanalytical Chemistry</i> , 1998, 449, 49-65.	1.9	82
126	Isoquinoline derivatives as endogenous neurotoxins in the aetiology of Parkinson's disease. <i>Biochemical Pharmacology</i> , 1998, 56, 921-933.	2.0	120



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127	Structure-Property Relationships of Trimetazidine Derivatives and Model Compounds as Potential Antioxidants. <i>Free Radical Biology and Medicine</i> , 1998, 25, 113-120.	1.3	165
128	Theoretical Parameters to Characterize Antioxidants. Part 2. The cases of melatonin and carvedilol. <i>Helvetica Chimica Acta</i> , 1998, 81, 1337-1348.	1.0	17
129	Molecular Properties and Pharmacokinetic Behavior of Cetirizine, a Zwitterionic H1-Receptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 853-863.	2.9	122
130	Chiral Inversion and Hydrolysis of Thalidomide: Mechanisms and Catalysis by Bases and Serum Albumin, and Chiral Stability of Teratogenic Metabolites. <i>Chemical Research in Toxicology</i> , 1998, 11, 1521-1528.	1.7	121
131	Ligand Specificity of the Genetic Variants of Human $\alpha_1$ -Acid Glycoprotein: Generation of a Three-Dimensional Quantitative Structure-Activity Relationship Model for Drug Binding to the A Variant. <i>Molecular Pharmacology</i> , 1998, 54, 129-138.	1.0	103
132	Intermolecular forces expressed in 1,2-dichloroethane-water partition coefficients. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 401-406.	1.7	74
133	Solvatochromic analysis of di-n-butyl ether/water partition coefficients as compared to other solvent systems. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2639-2644.	0.9	24
134	Lipophilicity Profiles of Ampholytes. <i>Chemical Reviews</i> , 1997, 97, 3385-3400.	23.0	139
135	Cyclic voltammetry for the transfer of multiple charged ions at large ITIES: general computational methodology and application to simple and facilitated ion transfer reactions. <i>Journal of Electroanalytical Chemistry</i> , 1997, 424, 121-139.	1.9	41
136	Blood-to-brain transfer of various oxicams: effects of plasma binding on their brain delivery. <i>Pharmaceutical Research</i> , 1997, 14, 650-656.	1.7	47
137	Pharmacokinetics of $\beta_2$ -adrenoceptor blockers in obese and normal volunteers. <i>British Journal of Clinical Pharmacology</i> , 1997, 43, 563-570.	1.1	74
138	Theoretical Parameters to Characterize Antioxidants. Part 1. The case of vitamin E and analogs. <i>Helvetica Chimica Acta</i> , 1997, 80, 1613-1626.	1.0	71
139	A systems approach to molecular structure, intermolecular recognition, and emergence-dissolvence in medicinal research. , 1997, 17, 303-326.		39
140	Toxicity to PC12 cells of isoquinoline derivatives structurally related to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. <i>Neuroscience Letters</i> , 1996, 206, 37-40.	1.0	31
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