# CITATION REPORT List of articles citing

Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings

DOI: 10.1016/s0169-409x(00)00129-0 Advanced Drug Delivery Reviews, 2001, 46, 3-26.

Source: https://exaly.com/paper-pdf/33229431/citation-report.pdf

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2244	Strategies for Total and Diversity-Oriented Synthesis of Natural Product(-Like) Macrocycles. 137-184		84
2243	Candidate anti-herpesviral drugs; mechanisms of action and resistance. 1219-1250		1
2242	Difluoromethylene at the Lactam Position Improves 11-Deoxy-8-aza-PGE1 Series EP4 Receptor Binding and Activity: 11-Deoxy-10,10-difluoro-8-aza-PGE1 Analog (KMN-159) as a Potent EP4 Agonist.		
2241	NMR-Derived Conformational Ensemble of State 1 of Activated Ras Reveals Insights into a Druggable Pocket.		
2240	Structure-Guided Identification of DNMT3B Inhibitors.		
2239	Screening Identifies Thimerosal as a Selective Inhibitor of Endoplasmic Reticulum Aminopeptidase 1.		
2238	Synthesis and diversity analysis of lead discovery piperazine-2-carboxamide libraries. <b>1998</b> , 4, 221-32		4
2237	Predicting drug absorption from molecular surface properties based on molecular dynamics simulations. <b>1998</b> , 15, 972-8		65
2236	Evaluation of a targeted prodrug strategy of enhance oral absorption of poorly water-soluble compounds. <b>1998</b> , 15, 1012-8		20
2235	Automated high resolution mass spectrometry for the synthetic chemist. <b>1999</b> , 10, 546-51		17
2234	Polar molecular surface as a dominating determinant for oral absorption and brain penetration of drugs. <b>1999</b> , 16, 1514-9		594
2233	Prediction of the intestinal absorption of endothelin receptor antagonists using three theoretical methods of increasing complexity. <b>1999</b> , 16, 1520-6		55
2232	Prediction of membrane permeability to peptides from calculated dynamic molecular surface properties. <b>1999</b> , 16, 205-12		64
2231	Drug liposome partitioning as a tool for the prediction of human passive intestinal absorption. <b>1999</b> , 16, 882-8		160
2230	Lipophilization of somatostatin analog RC-160 improves its bioactivity and stability. <b>1999</b> , 16, 1047-53		10
2229	Identification of selective inhibitors of acetylcholinesterase from a combinatorial library of 2,5-piperazinediones. <b>2000</b> , 5, 131-43		8
2228	pH-metric solubility. 2: correlation between the acid-base titration and the saturation shake-flask solubility-pH methods. <b>2000</b> , 17, 85-9		189

2227	Predicting human oral bioavailability of a compound: development of a novel quantitative structure-bioavailability relationship. <b>2000</b> , 17, 639-44	110
2226	Comments on the design of chemical libraries for screening. <b>2000</b> , 5, 13-24	19
2225	Decoration of dihydropyrimidine and dihydropyridine scaffolds with sugars via Biginelli and Hantzsch multicomponent reactions: an efficient entry to a collection of artificial nucleosides. <b>2003</b> , 6, 261-70	25
2224	Drug targeting Mycobacterium tuberculosis cell wall synthesis: genetics of dTDP-rhamnose synthetic enzymes and development of a microtiter plate-based screen for inhibitors of conversion of dTDP-glucose to dTDP-rhamnose. <b>2001</b> , 45, 1407-16	132
2223	Virtual screening of combinatorial libraries across a gene family: in search of inhibitors of Giardia lamblia guanine phosphoribosyltransferase. <b>2001</b> , 45, 2571-6	34
2222	In vitro models of the intestinal barrier. The report and recommendations of ECVAM Workshop 46. European Centre for the Validation of Alternative methods. <b>2001</b> , 29, 649-68	170
2221	Development of a generalized, quantitative physicochemical model of CYP3A4 inhibition for use in early drug discovery. <b>2001</b> , 18, 652-5	91
2220	Application of neural networks to large dataset QSAR, virtual screening, and library design. <b>2002</b> , 201, 325-67	10
2219	Combinatorial Library. <b>2002</b> ,	2
2218	Effects of serum albumin and liver cytosol on CYP2C9- and CYP3A4-mediated drug metabolism. <b>2002</b> , 17, 522-31	19
2217	Synthesis of cyclic peptidomimetics from aldol building blocks. <b>2002</b> , 67, 6260-3	30
2216	Discovery of the first nonpeptide agonist of the GPR14/urotensin-II receptor: 3-(4-chlorophenyl)-3-(2- (dimethylamino)ethyl)isochroman-1-one (AC-7954). <b>2002</b> , 45, 4950-3	61
2215	Chemical information based scaling of molecular descriptors: a universal chemical scale for library design and analysis. <b>2002</b> , 42, 879-84	11
2214	Efficiency of antisense oligonucleotide drug discovery. <b>2002</b> , 12, 215-24	17
2213	Theoretical predictions of drug absorption in drug discovery and development. 2002, 41, 877-99	48
2212	Do drug metabolism and pharmacokinetic departments make any contribution to drug discovery?. <b>2002</b> , 41, 1005-19	20
2211	7-Substituted 5-amino-2-(2-furyl)pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidines as A2A adenosine receptor antagonists: a study on the importance of modifications at the side chain on the activity and solubility. <b>2002</b> , 45, 115-26	92
<b>22</b> 10	Finding the needle in the haystack: why high-throughput screening is good for your health. <b>2002</b> , 4, 148-54	27

2209	Prediction of 'drug-likeness'. Advanced Drug Delivery Reviews, 2002, 54, 255-71	18.5	307
2208	Predicting plasma protein binding of drugs: a new approach. <b>2002</b> , 64, 1355-74		463
2207	Triad Therapeutics: integration of NMR structural determinations and smart chemistry to speed drug discovery. <b>2002</b> , 7, S35-S38		2
2206	Structure-based screening of low-affinity compounds. <b>2002</b> , 7, 522-7		123
2205	Chemoproteomics as a basis for post-genomic drug discovery. <b>2002</b> , 7, 807-14		45
2204	Targeting signal transduction with large combinatorial collections. <b>2002</b> , 7, 1206-13		17
2203	Development of a purine-scaffold novel class of Hsp90 binders that inhibit the proliferation of cancer cells and induce the degradation of Her2 tyrosine kinase. <b>2002</b> , 10, 3555-64		191
2202	ConsDock: A new program for the consensus analysis of protein-ligand interactions. <b>2002</b> , 47, 521-33		115
2201	Computational systems biology. <b>2002</b> , 420, 206-10		1600
2200	Potentiometric detection of exogenic beta-adrenergic substances in liquid chromatography. <b>2002</b> , 973, 85-96		17
2199	Experimental and computational screening models for prediction of aqueous drug solubility. <b>2002</b> , 19, 182-8		128
2198	Estimation of aqueous solubility of organic compounds with QSPR approach. <b>2002</b> , 19, 497-503		54
2197	Rate-limited steps of human oral absorption and QSAR studies. <b>2002</b> , 19, 1446-57		465
2196	Preparation and characterization of nanofibers containing amorphous drug dispersions generated by electrostatic spinning. <b>2003</b> , 20, 810-7		234
2195	Catalysis of nucleophilic aromatic substitutions in the 2,6,8-trisubstituted purines and application in the synthesis of combinatorial libraries. <b>2003</b> , 6, 43-53		2
2194	Predicting oral absorption of drugs: a case study with a novel class of antimicrobial agents. <b>2003</b> , 20, 1149-55		35
2193	Solubility prediction by recursive partitioning. <b>2003</b> , 20, 1634-40		13
2192	In silico prediction of aqueous solubility, human plasma protein binding and volume of distribution of compounds from calculated pKa and AlogP98 values. <b>2003</b> , 7, 69-87		69

## (2003-2003)

2191	In vitro permeability of poorly aqueous soluble compounds using different solubilizers in the PAMPA assay with liquid chromatography/mass spectrometry detection. <b>2003</b> , 20, 1820-6	63
2190	The composite solubility versus pH profile and its role in intestinal absorption prediction. 2003, 5, E4	52
2189	Physicochemical properties and transport of steroids across Caco-2 cells. <b>2003</b> , 20, 177-86	31
2188	Prediction of aqueous solubility of a diverse set of compounds using quantitative structure-property relationships. <b>2003</b> , 46, 3572-80	183
2187	Combinatorial chemistry as a new approach in antiparasitic drug discovery. 2003, 90 Suppl 2, S86-90	3
2186	Nanosizing: a formulation approach for poorly-water-soluble compounds. <b>2003</b> , 18, 113-20	975
2185	A new model for drug discoverymeeting our societal obligation. <b>2003</b> , 8, 245-8	8
2184	The use of combi chem, high-speed analog chemistry and HTS in drug discovery. 2003, 8, 156	4
2183	Synthetic polymers in 21st century therapeutics: the way forward. <b>2003</b> , 8, 154-6	4
2182	Increasing the efficiency of small-molecule drug discovery. <b>2003</b> , 8, 823-6	7
2181	Molecular diversity through sugar scaffolds. <b>2003</b> , 8, 701-9	73
2180	Medicinal chemistry of target family-directed masterkeys. <b>2003</b> , 8, 681-91	214
2179	A 'rule of three' for fragment-based lead discovery?. <b>2003</b> , 8, 876-7	1024
2178	In silico multicellular systems biology and minimal genomes. <b>2003</b> , 8, 1121-7	16
2177	Extracellular lysines on the plasmodial surface anion channel involved in Na+ exclusion. 2003, 132, 27-34	65
2176	A novel potentiometric approach for detection of beta-adrenergics and beta-adrenolytics in high-performance liquid chromatography. <b>2003</b> , 58, 591-603	10
2175	Approaching a new era for hepatitis C virus therapy: inhibitors of the NS3-4A serine protease and the NS5B RNA-dependent RNA polymerase. <b>2003</b> , 58, 1-16	172
2174	Biological, pharmaceutical, and analytical considerations with respect to the transport media used in the absorption screening system, Caco-2. <b>2003</b> , 92, 1545-58	74

2173	Characterization of dexloxiglumide in vitro biopharmaceutical properties and active transport. <b>2003</b> , 92, 1968-80	10
2172	Caenorhabditis Elegans Functional Genomics in Drug Discovery: Expanding Paradigms. 41-79	1
2171	Separation methods for estimating octanol-water partition coefficients. 2003, 797, 3-19	201
2170	Discovery of inhibitors that elucidate the role of UCH-L1 activity in the H1299 lung cancer cell line. <b>2003</b> , 10, 837-46	202
2169	Prediction of drug bioavailability based on molecular structure. <b>2003</b> , 485, 89-102	42
2168	Simultaneous high-throughput determination of clenbuterol, ambroxol and bromhexine in pharmaceutical formulations by HPLC with potentiometric detection. <b>2003</b> , 32, 887-903	68
2167	Intestinal permeability of chlorpyrifos using the single-pass intestinal perfusion method in the rat. <b>2003</b> , 184, 125-33	60
2166	A structure-permeability study of small drug-like molecules. <b>2003</b> , 13, 719-22	75
2165	An aminopyridazine-based inhibitor of a pro-apoptotic protein kinase attenuates hypoxia-ischemia induced acute brain injury. <b>2003</b> , 13, 3465-70	82
2164	Profiling drug-like properties in discovery research. <b>2003</b> , 7, 402-8	220
2164 2163		72
2163		
2163	High-throughput crystallography to enhance drug discovery. <b>2003</b> , 7, 340-5  Improved protein-ligand docking using GOLD. <b>2003</b> , 52, 609-23	72
2163	High-throughput crystallography to enhance drug discovery. <b>2003</b> , 7, 340-5  Improved protein-ligand docking using GOLD. <b>2003</b> , 52, 609-23  Collection of Bioactive Reference Compounds for Focused Library Design. <b>2003</b> , 22, 713-718  SL651498, a GABAA receptor agonist with subtype-selective efficacy, as a potential treatment for	72 2006
2163 2162 2161	High-throughput crystallography to enhance drug discovery. <b>2003</b> , 7, 340-5  Improved protein-ligand docking using GOLD. <b>2003</b> , 52, 609-23  Collection of Bioactive Reference Compounds for Focused Library Design. <b>2003</b> , 22, 713-718  SL651498, a GABAA receptor agonist with subtype-selective efficacy, as a potential treatment for	72 2006
2163 2162 2161 2160	High-throughput crystallography to enhance drug discovery. 2003, 7, 340-5  Improved protein-ligand docking using GOLD. 2003, 52, 609-23  Collection of Bioactive Reference Compounds for Focused Library Design. 2003, 22, 713-718  SL651498, a GABAA receptor agonist with subtype-selective efficacy, as a potential treatment for generalized anxiety disorder and muscle spasms. 2003, 9, 3-20  Prediction of oral bioavailability by adaptive fuzzy partitioning. 2003, 38, 427-31	72 2006 112
2163 2162 2161 2160 2159	High-throughput crystallography to enhance drug discovery. 2003, 7, 340-5  Improved protein-ligand docking using GOLD. 2003, 52, 609-23  Collection of Bioactive Reference Compounds for Focused Library Design. 2003, 22, 713-718  SL651498, a GABAA receptor agonist with subtype-selective efficacy, as a potential treatment for generalized anxiety disorder and muscle spasms. 2003, 9, 3-20  Prediction of oral bioavailability by adaptive fuzzy partitioning. 2003, 38, 427-31	72 2006 112 62

## (2003-2003)

2155	Predicting the success of a radiopharmaceutical for in vivo imaging of central nervous system neuroreceptor systems. <b>2003</b> , 5, 350-62	48
2154	Small Molecule Screening on Chemical Microarrays. <b>2003</b> , 213-236	5
2153	Generation of predictive pharmacophore models for CCR5 antagonists: study with piperidine- and piperazine-based compounds as a new class of HIV-1 entry inhibitors. <b>2003</b> , 46, 4501-15	66
2152	Modeling of intestinal drug absorption: roles of transporters and metabolic enzymes (for the Gillette Review Series). <b>2003</b> , 31, 1507-19	203
2151	Diarylurea compounds inhibit caspase activation by preventing the formation of the active 700-kilodalton apoptosome complex. <b>2003</b> , 23, 7829-37	45
2150	Protein kinase involved in lung injury susceptibility: evidence from enzyme isoform genetic knockout and in vivo inhibitor treatment. <b>2003</b> , 100, 6233-8	121
2149	Double-drug development against antioxidant enzymes from Plasmodium falciparum. 2003, 8, 280-3	20
2148	An attempt to modulate the microporous diffusion of a model polypeptide by altering its secondary structure. <b>2003</b> , 10, 65-72	1
2147	New Paradigms for Cancer Drug Discovery?. <b>2003</b> , 2, 177-180	3
2146	New paradigms for cancer drug discovery. <b>2003</b> , 2, 452-5	4
2145	"Chemogenomics: tools for protein families" and "Chemical genomics: chemical and biological integration". <b>2003</b> , 4, 15-8	3
2144	Celebrating the SSCI: the drug discovery pathway: challenges and pitfalls. 2003, 326, 329-32	
2143	Application of the Biopharmaceutic Classification System Now and in the Future. 2003, 493-531	1
2142		
2142	Inhibition of syk activity and degranulation of human mast cells by flavonoids. <b>2003</b> , 26, 1685-90	37
2142	Inhibition of syk activity and degranulation of human mast cells by flavonoids. <b>2003</b> , 26, 1685-90  Epigallocatechin-3-gallate is absorbed but extensively glucuronidated following oral administration to mice. <b>2003</b> , 133, 4172-7	215
2141	Epigallocatechin-3-gallate is absorbed but extensively glucuronidated following oral administration	
2141 2140	Epigallocatechin-3-gallate is absorbed but extensively glucuronidated following oral administration to mice. <b>2003</b> , 133, 4172-7	215

2137	High-Throughput Measurement of Drug pKa Values for ADME Screening. 2003, 8, 55-59	6
2136	Peptide revolution: genomics, proteomics and therapeutics. <b>2003</b> , 34, 594-6, 598-9	4
2135	Biopharmaceutic classification system: a scientific framework for pharmacokinetic optimization in drug research. <b>2004</b> , 5, 375-88	8o
2134	Development of an assay to screen for inhibitors of tau phosphorylation by cdk5. <b>2004</b> , 9, 122-31	12
2133	Affinity capillary electrophoresis for the screening of novel antimicrobial targets. <b>2004</b> , 9, 303-8	27
2132	Selective inhibition of anthrax edema factor by adefovir, a drug for chronic hepatitis B virus infection. <b>2004</b> , 101, 3242-7	97
2131	Identification of novel small-molecule inhibitors for human transketolase by high-throughput screening with fluorescent intensity (FLINT) assay. <b>2004</b> , 9, 427-33	30
2130	Discovery and use of small molecules for probing biological processes in zebrafish. <b>2004</b> , 76, 569-91	52
2129	DNA display II. Genetic manipulation of combinatorial chemistry libraries for small-molecule evolution. <b>2004</b> , 2, E174	95
2128	The use of pharmacokinetic and pharmacodynamic data in the assessment of drug safety in early drug development. <b>2004</b> , 58, 601-8	79
2127	Antimalarial drug discovery: efficacy models for compound screening. <b>2004</b> , 3, 509-20	521
2126	Fragment-based lead discovery. <b>2004</b> , 3, 660-72	618
2125	The role of the medicinal chemist in drug discoverythen and now. <b>2004</b> , 3, 853-62	214
2124	Exploring biology with small organic molecules. <b>2004</b> , 432, 846-54	398
2123	Virtual screening of chemical libraries. <b>2004</b> , 432, 862-5	968
2122	Drugs against leishmaniasis: a synergy of technology and partnerships. <b>2004</b> , 20, 73-6	58
2121	Novel technologies for virtual screening. <b>2004</b> , 9, 27-34	153
2120	Application of drug delivery technologies in lead candidate selection and optimization. <b>2004</b> , 9, 603-9	60

2119	Molecular biomarkers in drug development. <b>2004</b> , 9, 976-83	46
2118	Preliminary studies of a novel bifunctional metal chelator targeting Alzheimer's amyloidogenesis. <b>2004</b> , 39, 1641-9	118
2117	Micelles from lipid derivatives of water-soluble polymers as delivery systems for poorly soluble drugs. <i>Advanced Drug Delivery Reviews</i> , <b>2004</b> , 56, 1273-89	531
2116	Neural networks as robust tools in drug lead discovery and development. <b>2004</b> , 27, 139-68	67
2115	Protein recognition using synthetic surface-targeted agents. <b>2004</b> , 8, 89-100	23
2114	Bioavailability prediction based on molecular structure for a diverse series of drugs. <b>2004</b> , 21, 68-82	51
2113	Solubilizing excipients in oral and injectable formulations. <b>2004</b> , 21, 201-30	974
2112	Spinal disposition and meningeal permeability of local anesthetics. <b>2004</b> , 21, 706-16	15
2111	Simple rules defining the potential of compounds for transdermal delivery or toxicity. <b>2004</b> , 21, 1047-54	46
2110	Biodegradable self-assembling PEG-copolymer as vehicle for poorly water-soluble drugs. <b>2004</b> , 21, 1581-90	48
	Biodegradable self-assembling PEG-copolymer as vehicle for poorly water-soluble drugs. <b>2004</b> , 21, 1581-90  Suramin as a chemosensitizer: oral pharmacokinetics in rats. <b>2004</b> , 21, 2058-63	7
2109		
2109	Suramin as a chemosensitizer: oral pharmacokinetics in rats. <b>2004</b> , 21, 2058-63	
2109	Suramin as a chemosensitizer: oral pharmacokinetics in rats. <b>2004</b> , 21, 2058-63  A novel oral vehicle for poorly soluble HSV-helicase inhibitors: PK/PD validations. <b>2004</b> , 21, 2079-84  Application of ALOGPS 2.1 to predict log D distribution coefficient for Pfizer proprietary	7
2109 2108 2107	Suramin as a chemosensitizer: oral pharmacokinetics in rats. <b>2004</b> , 21, 2058-63  A novel oral vehicle for poorly soluble HSV-helicase inhibitors: PK/PD validations. <b>2004</b> , 21, 2079-84  Application of ALOGPS 2.1 to predict log D distribution coefficient for Pfizer proprietary compounds. <b>2004</b> , 47, 5601-4  Enrichment of extremely noisy high-throughput screening data using a naWe Bayes classifier. <b>2004</b> ,	7
2109 2108 2107 2106 2105	Suramin as a chemosensitizer: oral pharmacokinetics in rats. 2004, 21, 2058-63  A novel oral vehicle for poorly soluble HSV-helicase inhibitors: PK/PD validations. 2004, 21, 2079-84  Application of ALOGPS 2.1 to predict log D distribution coefficient for Pfizer proprietary compounds. 2004, 47, 5601-4  Enrichment of extremely noisy high-throughput screening data using a nalle Bayes classifier. 2004, 9, 32-6	7 105 72
2109 2108 2107 2106 2105	Suramin as a chemosensitizer: oral pharmacokinetics in rats. 2004, 21, 2058-63  A novel oral vehicle for poorly soluble HSV-helicase inhibitors: PK/PD validations. 2004, 21, 2079-84  Application of ALOGPS 2.1 to predict log D distribution coefficient for Pfizer proprietary compounds. 2004, 47, 5601-4  Enrichment of extremely noisy high-throughput screening data using a nalle Bayes classifier. 2004, 9, 32-6  Targeted polymeric micelles for delivery of poorly soluble drugs. 2004, 61, 2549-59	7 105 72 460

2101	Comparative genomic assessment of novel broad-spectrum targets for antibacterial drugs. <b>2004</b> , 5, 304-27	38
2100	Effect of simulated intestinal fluid on drug permeability estimation across Caco-2 monolayers. <b>2004</b> , 274, 221-32	130
2099	Beta-cyclodextrin as a suitable solubilizing agent for in situ absorption study of poorly water-soluble drugs. <b>2004</b> , 280, 95-102	46
2098	Search for technological reasons to develop a capsule or a tablet formulation with respect to wettability and dissolution. <b>2004</b> , 287, 135-45	16
2097	Natural products and combinatorial chemistry: back to the future. <b>2004</b> , 8, 271-80	269
2096	Integrating cheminformatic analysis in combinatorial chemistry. 2004, 8, 407-11	21
2095	High-throughput docking as a source of novel drug leads. <b>2004</b> , 8, 365-70	124
2094	Predictive ADMET studies, the challenges and the opportunities. <b>2004</b> , 8, 378-86	83
2093	Emerging classes of protein-protein interaction inhibitors and new tools for their development. <b>2004</b> , 8, 442-9	163
2092	Systems-based design of bi-ligand inhibitors of oxidoreductases: filling the chemical proteomic toolbox. <b>2004</b> , 11, 185-94	9
2091	Novel heparan sulfate mimetic compounds as antitumor agents. <b>2004</b> , 11, 367-77	33
2090	ADP-specific sensors enable universal assay of protein kinase activity. <b>2004</b> , 11, 499-508	78
2089	High-throughput screening identifies inhibitors of the SARS coronavirus main proteinase. <b>2004</b> , 11, 1445-53	159
2088	Rational design and synthesis of novel heparan sulfate mimetic compounds as antiadhesive agents. <b>2004</b> , 14, 2505-9	2
2087	The therapeutic potential of CRF1 antagonists for anxiety. <b>2004</b> , 13, 799-828	144
2086	Generalization of a targeted library design protocol: application to 5-HT7 receptor ligands. <b>2004</b> , 44, 2207-15	9
2085	N-substituted pyrrole derivatives as novel human immunodeficiency virus type 1 entry inhibitors that interfere with the gp41 six-helix bundle formation and block virus fusion. <b>2004</b> , 48, 4349-59	224
2084	Determinants of retinoid X receptor transcriptional antagonism. <b>2004</b> , 47, 4360-72	37

2083	Novel scoring functions comprising QXP, SASA, and protein side-chain entropy terms. <b>2004</b> , 44, 882-93	32
2082	Characterization of TAT-mediated transport of detachable kinase substrates. <b>2004</b> , 43, 8528-40	29
2081	Bioactive lignans from a cultivar of Helianthus annuus. <b>2004</b> , 52, 6443-7	55
2080	Defining privileged reagents using subsimilarity comparison. <b>2004</b> , 44, 1810-5	8
2079	NMR-based characterization of phenothiazines as a RNA binding scaffold. <b>2004</b> , 126, 4453-60	159
2078	Integrating cheminformatic analysis in combinatorial chemistry. 2004,	
2077	Fast similarity searching and screening hit analysis. <b>2004</b> , 1, 197-202	11
2076	Selective optimization of side activities: another way for drug discovery. <b>2004</b> , 47, 1303-14	155
2075	Assessment of prediction confidence and domain extrapolation of two structure-activity relationship models for predicting estrogen receptor binding activity. <b>2004</b> , 112, 1249-54	66
2074	Chemical proteomic tool for ligand mapping of CYP antitargets: an NMR-compatible 3D QSAR descriptor in the Heme-Based Coordinate System. <b>2004</b> , 44, 1456-65	10
2073	Role of cyclodextrins in improving oral drug delivery. <b>2004</b> , 2, 261-275	205
2072	Streamlined system for purifying and quantifying a diverse library of compounds and the effect of compound concentration measurements on the accurate interpretation of biological assay results. <b>2004</b> , 76, 7278-87	67
2071	Solubility enhancers for oral drug delivery. <b>2004</b> , 2, 113-130	36
2070	Drug Discovery, Design, and Development. <b>2004</b> , 7-120	4
2069	Systems-Based Design of Bi-Ligand Inhibitors of OxidoreductasesFilling the Chemical Proteomic Toolbox. <b>2004</b> , 11, 185-194	10
2068	Small-molecule inhibitors of the p53 suppressor HDM2: have protein-protein interactions come of age as drug targets?. <b>2004</b> , 25, 343-6	65
2067	Permeability characteristics and membrane affinity of flavonoids and alkyl gallates in Caco-2 cells and in phospholipid vesicles. <b>2004</b> , 425, 193-9	104
2066	Antiangiogenic and antitumoral activity of phenyl-3-(2-chloroethyl)ureas: a class of soft alkylating agents disrupting microtubules that are unaffected by cell adhesion-mediated drug resistance. <b>2004</b> , 64, 4654-63	42

2065	A novel method for the determination of biliary clearance in humans. <b>2004</b> , 6, e33	37
2064	Virtual screening using protein-ligand docking: avoiding artificial enrichment. <b>2004</b> , 44, 793-806	349
2063	Integrating virtual screening in lead discovery. <b>2004</b> , 8, 349-58	214
2062	A universal molecular descriptor system for prediction of logP, logS, logBB, and absorption. <b>2004</b> , 44, 748-57	111
2061	New Paradigms in Drug Design and Discovery. <b>2004</b> , 1, 663-681	
2060	Structural bioinformatic approaches to the discovery of new antimycobacterial drugs. <b>2004</b> , 10, 3195-211	26
2059	[High throughput screening of pharmacokinetics and metabolism in drug discovery (III)investigation on in- silico model for membrane permeability and CYP1A2 inhibition]. <b>2005</b> , 125, 141-7	1
2058	Efficient Strategies for Lead Optimization by Simultaneously Addressing Affinity, Selectivity and Pharmacokinetic Parameters. <b>2005</b> , 333-379	2
2057	New Strategies for the Implementation and Support of Bioanalysis in a Drug Metabolism Environment. <b>2005</b> , 359-377	4
2056	[High throughput screening of pharmacokinetics and metabolism in drug discovery (I)establishment of assessment system for absorption to compounds with a wide diversity of physical properties]. <b>2005</b> , 125, 121-30	2
2055	Classification of drugs in absorption classes using the classification and regression trees (CART) methodology. <b>2005</b> , 39, 91-103	106
2054	A novel high-throughput automated chip-based nanoelectrospray tandem mass spectrometric method for PAMPA sample analysis. <b>2005</b> , 39, 8-16	42
2053	Prediction of gastro-intestinal absorption using multivariate adaptive regression splines. <b>2005</b> , 39, 1021-30	31
2052	A neuro-fuzzy approach to virtual screening in molecular bioinformatics. <b>2005</b> , 152, 67-82	2
2051	A combined cell based approach to identify P-glycoprotein substrates and inhibitors in a single assay. <b>2005</b> , 301, 80-8	23
2050	Combinatorial design of nonsymmetrical cyclic urea inhibitors of aspartic protease of HIV-1. <b>2005</b> , 13, 5492-501	22
2049	Selective anti-tubercular purines: synthesis and chemotherapeutic properties of 6-aryl- and 6-heteroaryl-9-benzylpurines. <b>2005</b> , 13, 6360-73	60
2048	In silico screening of drug databases for TSE inhibitors. <b>2005</b> , 80, 117-22	4

## (2005-2005)

2047	Protein-protein interactions and cancer: small molecules going in for the kill. <b>2005</b> , 9, 317-24	152
2046	Assessment of structural diversity in combinatorial synthesis. <b>2005</b> , 9, 304-9	56
2045	Fragonomics: fragment-based drug discovery. <b>2005</b> , 9, 366-70	102
2044	Assessment of chemical libraries for their druggability. <b>2005</b> , 29, 55-67	47
2043	Improving success rates for lead generation using affinity binding technologies. <b>2005</b> , 16, 666-73	18
2042	Structure determination and characterization of carbendazim hydrochloride dihydrate. <b>2005</b> , 6, E115-9	7
2041	Functional role of P-glycoprotein in limiting intestinal absorption of drugs: contribution of passive permeability to P-glycoprotein mediated efflux transport. <b>2005</b> , 2, 12-21	122
2040	Identification of novel extracellular signal-regulated kinase docking domain inhibitors. <b>2005</b> , 48, 4586-95	98
2039	Prospective exploration of synthetically feasible, medicinally relevant chemical space. <b>2005</b> , 45, 239-48	29
2038	The concept of synthetic lethality in the context of anticancer therapy. <b>2005</b> , 5, 689-98	1061
2038	The concept of synthetic lethality in the context of anticancer therapy. <b>2005</b> , 5, 689-98  Can cell systems biology rescue drug discovery?. <b>2005</b> , 4, 461-7	1061
2037	Can cell systems biology rescue drug discovery?. <b>2005</b> , 4, 461-7  Evaluation of a chylomicron flow blocking approach to investigate the intestinal lymphatic	216
2037	Can cell systems biology rescue drug discovery?. <b>2005</b> , 4, 461-7  Evaluation of a chylomicron flow blocking approach to investigate the intestinal lymphatic transport of lipophilic drugs. <b>2005</b> , 24, 381-8  Systems and integrative biology as alternative guises for pharmacology: prime time for an iPharm concept?. <b>2005</b> , 70, 1707-16	216
2037 2036	Can cell systems biology rescue drug discovery?. <b>2005</b> , 4, 461-7  Evaluation of a chylomicron flow blocking approach to investigate the intestinal lymphatic transport of lipophilic drugs. <b>2005</b> , 24, 381-8  Systems and integrative biology as alternative guises for pharmacology: prime time for an iPharm concept?. <b>2005</b> , 70, 1707-16	216 132 25
2037 2036 2035 2034	Can cell systems biology rescue drug discovery?. 2005, 4, 461-7  Evaluation of a chylomicron flow blocking approach to investigate the intestinal lymphatic transport of lipophilic drugs. 2005, 24, 381-8  Systems and integrative biology as alternative guises for pharmacology: prime time for an iPharm concept?. 2005, 70, 1707-16  Timely lessons for target-based discovery of anti-inflammatory drugs. 2005, 10, 14-7	<ul><li>216</li><li>132</li><li>25</li><li>1</li></ul>
2037 2036 2035 2034	Can cell systems biology rescue drug discovery?. 2005, 4, 461-7  Evaluation of a chylomicron flow blocking approach to investigate the intestinal lymphatic transport of lipophilic drugs. 2005, 24, 381-8  Systems and integrative biology as alternative guises for pharmacology: prime time for an iPharm concept?. 2005, 70, 1707-16  Timely lessons for target-based discovery of anti-inflammatory drugs. 2005, 10, 14-7  Cell culture-based models for intestinal permeability: a critique. 2005, 10, 335-43	216 132 25 1 185

2029	Self-assembling PEG-p(CL-co-TMC) copolymers for oral delivery of poorly water-soluble drugs: a case study with risperidone. <b>2005</b> , 102, 657-68	64
2028	SuperLigands - a database of ligand structures derived from the Protein Data Bank. <b>2005</b> , 6, 122	32
2027	Identification of N-phenyl-N'-(2,2,6,6-tetramethyl-piperidin-4-yl)-oxalamides as a new class of HIV-1 entry inhibitors that prevent gp120 binding to CD4. <b>2005</b> , 339, 213-25	178
2026	A timely reassessment of early prediction in the bioavailability of orally administered drugs. <b>2005</b> , 44, 4432-4	6
2025	Bioverfgbarkeit oral applizierter Wirkstoffe: zeitabhfigig revidiert. <b>2005</b> , 117, 4506-4508	
2024	Protein Interaction Targeted Drug Discovery. <b>2005</b> , 323-345	
2023	The discovery of novel protein kinase inhibitors by using fragment-based high-throughput x-ray crystallography. <b>2005</b> , 6, 506-12	36
2022	Break on through to the other side-biophysics and cell biology shed light on cell-penetrating peptides. <b>2005</b> , 6, 2126-42	<b>21</b> 0
2021	A computational tool to optimize ligand selectivity between two similar biomacromolecular targets. <b>2005</b> , 19, 69-82	12
2020	Substructural fragments: an universal language to encode reactions, molecular and supramolecular structures. <b>2005</b> , 19, 693-703	127
2019	Prediction of plasma protein binding of drugs using Kier-Hall valence connectivity indices and 4D-fingerprint molecular similarity analyses. <b>2005</b> , 19, 567-83	18
2018	What can a chemist learn from nature's macrocycles?a brief, conceptual view. <b>2005</b> , 9, 171-86	191
2017	Natural products and macrocyclic derivatives. <b>2005</b> , 9, 1-2	
2016	Predicting drug disposition via application of BCS: transport/absorption/ elimination interplay and development of a biopharmaceutics drug disposition classification system. <b>2005</b> , 22, 11-23	1062
2015	Current Status of Virtual Combinatorial Library Design. 2005, 24, 809-823	20
2014	. 2005,	16
2013	Structure and function of the human nuclear xenobiotic receptor PXR. <b>2005</b> , 6, 357-67	76
2012	Endocytosis and cationic cell-penetrating peptidesa merger of concepts and methods. <b>2005</b> , 11, 3613-28	46

2011	Target-related affinity profiling: Telik's lead discovery technology. <b>2005</b> , 5, 371-81	24
2010	MDR1 genotype-related pharmacokinetics: fact or fiction?. <b>2005</b> , 20, 391-414	117
2009	ChemMine. A compound mining database for chemical genomics. <b>2005</b> , 138, 573-7	57
2008	Genetic modification and variations in solvent increase the sensitivity of the yeast RAD54-GFP genotoxicity assay. <b>2005</b> , 20, 317-27	19
2007	Brain Tumors. 2005,	9
2006	A high-throughput screen to identify inhibitors of amyloid beta-protein precursor processing. <b>2005</b> , 10, 1-12	26
2005	Identification of novel small molecule inhibitors of hypoxia-inducible factor-1 that differentially block hypoxia-inducible factor-1 activity and hypoxia-inducible factor-1alpha induction in response to hypoxic stress and growth factors. <b>2005</b> , 65, 4918-28	128
2004	Small-molecule-mediated stabilization of familial amyotrophic lateral sclerosis-linked superoxide dismutase mutants against unfolding and aggregation. <b>2005</b> , 102, 3639-44	122
2003	Predictive ADME-Tox London, UK, 27 28 April 2005. <b>2005</b> , 1, 565-70	5
2002	Malaria parasites are rapidly killed by dantrolene derivatives specific for the plasmodial surface anion channel. <b>2005</b> , 68, 34-40	28
2001	Chapter 10 Computational Prediction of ADMET Properties: Recent Developments and Future Challenges. <b>2005</b> , 1, 133-151	15
2000	Beta-diketo acid pharmacophore hypothesis. 1. Discovery of a novel class of HIV-1 integrase inhibitors. <b>2005</b> , 48, 111-20	91
1999	Antitumor polycyclic acridines. 17. Synthesis and pharmaceutical profiles of pentacyclic acridinium salts designed to destabilize telomeric integrity. <b>2005</b> , 48, 7198-207	46
1998	Ligand-based molecular modeling study on a chemically diverse series of cholecystokinin-B/gastrin receptor antagonists: generation of predictive model. <b>2005</b> , 45, 1934-42	11
1997	Cyclodextrins in drug delivery. <b>2005</b> , 2, 335-51	507
1996	Bioinformatics in drug development and assessment. <b>2005</b> , 37, 279-310	33
1995	Application of Hansch's model to guaianolide ester derivatives: a quantitative structure-activity relationship study. <b>2005</b> , 53, 3530-9	25
1994	Identifying biologically active compound classes using phenotypic screening data and sampling statistics. <b>2005</b> , 45, 1824-36	13

1993	Peptide motifs for cell-surface intervention: application to anti-infective and biopharmaceutical development. <b>2005</b> , 19, 261-78	11
1992	Nanotechnology for the biologist. <b>2005</b> , 78, 585-94	340
1991	From physicochemistry to absorption and distribution: predictive mechanistic modelling and computational tools. <b>2005</b> , 1, 159-68	93
1990	Development of a Small-Scale Automated Solubility Measurement Apparatus. <b>2005</b> , 44, 5427-5433	33
1989	Considerations in compound database preparation"hidden" impact on virtual screening results. <b>2005</b> , 45, 1908-19	56
1988	Structure-activity relationship studies of benzoxazinones and related compounds. Phytotoxicity on Echinochloa crus-galli (L.) P. Beauv. <b>2005</b> , 53, 4373-80	26
1987	Identification of small molecule chemical inhibitors of the collagen-specific chaperone Hsp47. <b>2005</b> , 48, 1680-4	25
1986	Fragment-based lead discovery using X-ray crystallography. <b>2005</b> , 48, 403-13	379
1985	Caco-2 cell permeability assays to measure drug absorption. <b>2005</b> , 1, 175-85	306
1984	The chemopreventive agent development research program in the Division of Cancer Prevention of the US National Cancer Institute: an overview. <b>2005</b> , 41, 1889-910	50
1983	An alternative approach for the safety evaluation of new and existing chemicals, an exercise in integrated testing. <b>2005</b> , 42, 284-95	53
1982	New small-molecule synthetic antimycobacterials. <b>2005</b> , 49, 2153-63	149
1981	Hierarchical database screenings for HIV-1 reverse transcriptase using a pharmacophore model, rigid docking, solvation docking, and MM-PB/SA. <b>2005</b> , 48, 2432-44	64
1980	. <b>2005</b> , 53, 4631-4639	12
1979	Capter 11 Filtering in Drug Discovery. <b>2005</b> , 1, 155-168	29
1978	Medicinal chemical properties of successful central nervous system drugs. <b>2005</b> , 2, 541-53	854
1977	Role of poly(ADP-ribose) glycohydrolase (PARG) in shock, ischemia and reperfusion. <b>2005</b> , 52, 100-8	27
1976	QSAR studies of copper azamacrocycles and thiosemicarbazones: MM3 parameter development and prediction of biological properties. <b>2005</b> , 48, 5561-9	21

## (2006-2005)

1975	Structure-Activity Relationships (SAR) studies of benzoxazinones, their degradation products and analogues. phytotoxicity on standard target species (STS). <b>2005</b> , 53, 538-48	87
1974	Ricin A-chain activity on stem-loop and unstructured DNA substrates. <b>2005</b> , 44, 4416-25	23
1973	Targeted delivery across the blood-brain barrier. <b>2005</b> , 2, 299-309	99
1972	Control of hepatitis C: a medicinal chemistry perspective. <b>2005</b> , 48, 1-20	132
1971	Biotransformation and Bioavailability of Tea Polyphenols: Implications for Cancer Prevention Research. <b>2005</b> , 212-224	4
1970	Block copolymer micelles as a solution for drug delivery problems. <b>2005</b> , 15, 63-75	55
1969	High-content fluorescence-based screening for epigenetic modulators. <b>2006</b> , 414, 21-36	21
1968	Testing the conformational hypothesis of passive membrane permeability using synthetic cyclic peptide diastereomers. <b>2006</b> , 128, 2510-1	340
1967	Identification of new diamine scaffolds with activity against Mycobacterium tuberculosis. 2006, 49, 3045-8	92
1966	Development and characterization of biphenylsulfonamides as novel inhibitors of bone resorption. <b>2006</b> , 49, 7487-92	15
1965	Carbodiimide-based benzimidazole library method. <b>2006</b> , 8, 907-14	28
1964	Structure-based Drug Design and NMR-based Screening. <b>2006</b> ,	
1963	Targeting the PTPome in human disease. <b>2006</b> , 10, 157-77	84
1962	Molecular complexity analysis of de novo designed ligands. <b>2006</b> , 49, 5869-79	40
1961	Design and synthesis of 5-aryl-pyridone-carboxamides as inhibitors of anaplastic lymphoma kinase. <b>2006</b> , 49, 1006-15	54
1960	sc-PDB: an annotated database of druggable binding sites from the Protein Data Bank. <b>2006</b> , 46, 717-27	156
1959	Molecular Pathogenesis and Therapeutic Targets in Huntington's Disease. <b>2006</b> , 223-249	1
1958	Molecular modeling of blood-brain barrier nutrient transporters: in silico basis for evaluation of potential drug delivery to the central nervous system. <b>2006</b> , 78, 1029-33	28

1957	DNA-encoded chemical libraries. <b>2006</b> , 126, 568-81	60
1956	Handbook of Preformulation. 2006,	
1955	Structure-activity relationships at the 5-position of thiolactomycin: an intact (5R)-isoprene unit is required for activity against the condensing enzymes from Mycobacterium tuberculosis and Escherichia coli. <b>2006</b> , 49, 159-71	73
1954	Estimation of Absolute Free Energies of Hydration Using Continuum Methods: Accuracy of Partial Charge Models and Optimization of Nonpolar Contributions. <b>2006</b> , 2, 128-39	143
1953	ADMET properties, database screening, molecular dynamics, density functional, and docking studies of novel potential anti-cancer compounds. <b>2006</b> , 24, 263-8	3
1952	Recent progress in the computational prediction of aqueous solubility and absorption. 2006, 8, E27-40	80
1951	Solubility, Solubilization and Dissolution in Drug Delivery During Lead Optimization. 2006, 99-130	5
1950	A novel class of carbonic anhydrase inhibitors: glycoconjugate benzene sulfonamides prepared by "click-tailing". <b>2006</b> , 49, 6539-48	153
1949	Genetic algorithm-optimized QSPR models for bioavailability, protein binding, and urinary excretion. <b>2006</b> , 46, 2674-83	54
1948	Classification tree models for the prediction of blood-brain barrier passage of drugs. <b>2006</b> , 46, 1410-9	49
1947	Contemporary Drug Discovery. <b>2006</b> , 103-128	
1946	Heterodimers of G protein-coupled receptors as novel and distinct drug targets. <b>2006</b> , 3, 437-443	5
1945	Rationale and benefit of using high throughput solubility screens in drug discovery. <b>2006</b> , 3, 67-71	18
1944	Design and characterization of a noncompetitive antagonist of the transient receptor potential vanilloid subunit 1 channel with in vivo analgesic and anti-inflammatory activity. <b>2006</b> , 7, 735-46	27
1943	A cell-based molecular transport simulator for pharmacokinetic prediction and cheminformatic exploration. <b>2006</b> , 3, 704-16	33
1942	Structure-activity relationship (SAR) studies of benzoxazinones, their degradation products, and analogues. Phytotoxicity on problematic weeds Avena fatua L. and Lolium rigidum Gaud. <b>2006</b> , 54, 1040-8	54
1941	Structure-based identification of small molecule binding sites using a free energy model. <b>2006</b> , 46, 2631-7	29
1940	Dependence of molecular properties on proteomic family for marketed oral drugs. <b>2006</b> , 49, 3451-3	88

1939 Methods to evaluate biliary excretion of drugs in humans: an updated review. <b>2006</b> , 3, 1	98-211 116
Conformational flexibility, internal hydrogen bonding, and passive membrane permeab successful in silico prediction of the relative permeabilities of cyclic peptides. <b>2006</b> , 128	
1937 Discovery of protein phosphatase 2C inhibitors by virtual screening. <b>2006</b> , 49, 1658-67	60
1936 Synthesis of aminoacyl thiaolidones as potential antitumour agents. <b>2006</b> , 60, 121-6	6
1935 The pharmacophore kernel for virtual screening with support vector machines. <b>2006</b> , 46	<b>5, 2003-14</b> 59
1934 The road map to oral bioavailability: an industrial perspective. <b>2006</b> , 2, 591-608	114
1933 Dendrimers: novel polymeric nanoarchitectures for solubility enhancement. <b>2006</b> , 7, 64	9-58 305
1932 Discovering H-bonding rules in crystals with inductive logic programming. <b>2006</b> , 3, 665-7	74 13
Podophyllum hexandrum Offers Radioprotection by Modulating Free Radical Flux: Role Aryl-Tetralin Lignans. <b>2006</b> , 3, 503-11	of <sub>21</sub>
1930 . <b>2006</b> ,	5
1930 . <b>2006</b> , 1929 . <b>2006</b> ,	5 421
	421
1929 . <b>2006</b> ,	, 12, 4064-70 66
1929 . 2006,  1928 Intestinal permeability of metformin using single-pass intestinal perfusion in rats. 2006,  Tumor-Targeted Delivery of Sparingly-Soluble Anti-Cancer Drugs with Polymeric Lipid-Cancer Drugs wi	, 12, 4064-70 66
1929 . 2006,  1928 Intestinal permeability of metformin using single-pass intestinal perfusion in rats. 2006,  Tumor-Targeted Delivery of Sparingly-Soluble Anti-Cancer Drugs with Polymeric Lipid-Cancer Immunomicelles. 2006, 409-420	, 12, 4064-70 66
1929 . 2006,  1928 Intestinal permeability of metformin using single-pass intestinal perfusion in rats. 2006,  Tumor-Targeted Delivery of Sparingly-Soluble Anti-Cancer Drugs with Polymeric Lipid-Communicelles. 2006, 409-420  1926 Medicinal Chemistry. 2006,	421 , 12, 4064-70 66 Core
1929 . 2006,  1928 Intestinal permeability of metformin using single-pass intestinal perfusion in rats. 2006,  1927 Tumor-Targeted Delivery of Sparingly-Soluble Anti-Cancer Drugs with Polymeric Lipid-Colombia Immunomicelles. 2006, 409-420  1926 Medicinal Chemistry. 2006,  1927 A structural keystone for drug design. 2006, 3, 21-31  Design and Development of Signal Transduction Inhibitors for Cancer Treatment: Exper	421 , 12, 4064-70 66 Core

1921	Similarity Metrics and Descriptor Spaces LWhich Combinations to Choose?. <b>2006</b> , 25, 1133-1142	37
1920	On the nature of cavities on protein surfaces: application to the identification of drug-binding sites. <b>2006</b> , 63, 892-906	209
1919	Inhibition of protein-protein interactions: the discovery of druglike beta-catenin inhibitors by combining virtual and biophysical screening. <b>2006</b> , 64, 60-7	158
1918	Relational database driven two-dimensional chemical graph analysis. <b>2006</b> , 68, 135-8	1
1917	Investigation of potential glycogen synthase kinase 3 inhibitors using pharmacophore mapping and virtual screening. <b>2006</b> , 68, 154-65	10
1916	Systems biology and combination therapy in the quest for clinical efficacy. <b>2006</b> , 2, 458-66	428
1915	New approaches to molecular cancer therapeutics. <b>2006</b> , 2, 689-700	307
1914	Targeting multidrug resistance in cancer. <b>2006</b> , 5, 219-34	2649
1913	Discovery and development of sorafenib: a multikinase inhibitor for treating cancer. 2006, 5, 835-44	1265
1912	Purinoceptors as therapeutic targets for lower urinary tract dysfunction. <b>2006</b> , 147 Suppl 2, S132-43	98
1911	Small molecules with antimicrobial activity against E. coli and P. aeruginosa identified by high-throughput screening. <b>2006</b> , 149, 551-9	97
1910	A small-molecule screen in C. elegans yields a new calcium channel antagonist. <b>2006</b> , 441, 91-5	223
1909	Structure-based pharmacophore of COX-2 selective inhibitors and identification of original lead compounds from 3D database searching method. <b>2006</b> , 41, 1446-55	29
1908	Anticancer thiopyrano[2,3-d][1,3]thiazol-2-ones with norbornane moiety. Synthesis, cytotoxicity, physico-chemical properties, and computational studies. <b>2006</b> , 14, 5230-40	77
1907	Novel ketoconazole analogues based on the replacement of 2,4-dichlorophenyl group with 1,4-benzothiazine moiety: design, synthesis, and microbiological evaluation. <b>2006</b> , 14, 5196-203	21
1906	Hydrophilically enhanced 3-carboranyl thymidine analogues (3CTAs) for boron neutron capture therapy (BNCT) of cancer. <b>2006</b> , 14, 6886-99	29
1905	Design and synthesis of novel imidazoline derivatives with potent antihyperglycemic activity in a rat model of type 2 diabetes. <b>2006</b> , 14, 7419-33	25
1904	Factor VIIa inhibitors: a prodrug strategy to improve oral bioavailability. <b>2006</b> , 16, 2224-8	28

## (2006-2006)

1903	Enhanced pharmacokinetic properties of 1,4-benzodiazepine-2,5-dione antagonists of the HDM2-p53 protein-protein interaction through structure-based drug design. <b>2006</b> , 16, 3310-4	73
1902	Efforts toward oral bioavailability in factor VIIa inhibitors. <b>2006</b> , 16, 3829-32	8
1901	Peptidyl-urea based inhibitors of soluble epoxide hydrolases. <b>2006</b> , 16, 5439-44	24
1900	Characterization of ATP-independent ERK inhibitors identified through in silico analysis of the active ERK2 structure. <b>2006</b> , 16, 6281-7	51
1899	Development of a high-throughput screen for soluble epoxide hydrolase inhibition. <b>2006</b> , 355, 71-80	62
1898	A practical view of 'druggability'. <b>2006</b> , 10, 357-61	221
1897	Streamlining lead discovery by aligning in silico and high-throughput screening. <b>2006</b> , 10, 343-51	74
1896	Selective inhibition of c-Myc/Max dimerization and DNA binding by small molecules. <b>2006</b> , 13, 745-51	119
1895	An inhibitor of human asparagine synthetase suppresses proliferation of an L-asparaginase-resistant leukemia cell line. <b>2006</b> , 13, 1339-47	35
1894	Antimycotic influence of beta-cyclodextrin complexesin vitro measurements using laser nephelometry in microtiter plates. <b>2006</b> , 311, 113-21	34
1893	Chemoenzymatic synthesis of (5S)- and (5R)-hydroxymethyl-3,5-dimethyl-4-(methoxymethoxy)-5H-thiophen-2-one: a precursor of thiolactomycin and determination of its absolute configuration. <b>2006</b> , 17, 2890-2895	12
1892	Hybrid Density Functional Methods Empirically Optimized for the Computation of (13)C and (1)H Chemical Shifts in Chloroform Solution. <b>2006</b> , 2, 1085-92	131
1891	Structure activity relationships of 5-, 6-, and 7-methyl-substituted azepan-3-one cathepsin K inhibitors. <b>2006</b> , 49, 1597-612	62
1890	Computational prediction of oral drug absorption based on absorption rate constants in humans. <b>2006</b> , 49, 3674-81	61
1889	Optimization of benzoxazinones as natural herbicide models by lipophilicity enhancement. <b>2006</b> , 54, 9357-65	39
1888	An integrated database of flavonoids. <b>2006</b> , 26, 179-88	24
1887	Current industrial practices of assessing permeability and P-glycoprotein interaction. 2006, 8, E1-13	189
1886	Applying pattern recognition methods to analyze the molecular properties of a homologous series of nitrogen mustard agents. <b>2006</b> , 7, E35	2

1885	Discovery of two novel, small-molecule inhibitors of DNA methylation. <b>2006</b> , 49, 678-83	119
1884	Pharmacophore-based discovery of ligands for drug transporters. <i>Advanced Drug Delivery Reviews</i> , <b>2006</b> , 58, 1431-50	92
1883	Transport kinetics of iron chelators and their chelates in Caco-2 cells. <b>2006</b> , 23, 280-90	24
1882	A 'rule of unity' for human intestinal absorption. <b>2006</b> , 23, 2475-81	22
1881	Use of a dynamic in vitro lipolysis model to rationalize oral formulation development for poor water soluble drugs: correlation with in vivo data and the relationship to intra-enterocyte processes in rats. <b>2006</b> , 23, 2165-74	160
1880	Micellar nanocarriers: pharmaceutical perspectives. <b>2007</b> , 24, 1-16	1400
1879	New leads for selective GSK-3 inhibition: pharmacophore mapping and virtual screening studies. <b>2006</b> , 20, 55-66	18
1878	Discovering new classes of Brugia malayi asparaginyl-tRNA synthetase inhibitors and relating specificity to conformational change. <b>2006</b> , 20, 159-78	40
1877	Managing, profiling and analyzing a library of 2.6 million compounds gathered from 32 chemical providers. <b>2006</b> , 10, 389-403	58
1876	Leadlikeness and structural diversity of synthetic screening libraries. <b>2006</b> , 10, 377-88	54
1875	Toward automated biochemotype annotation for large compound libraries. <b>2006</b> , 10, 495-509	4
1874	Descriptor vector redesign by neuro-fuzzy analysis. <b>2006</b> , 10, 287-294	
1873	Synthesis and SAR of conformationally restricted inhibitors of soluble epoxide hydrolase. <b>2006</b> , 16, 5212-6	76
1872	Discovery pharmaceuticschallenges and opportunities. <b>2006</b> , 8, E402-8	40
1871	Identification of inhibitors to papillomavirus type 16 E6 protein based on three-dimensional structures of interacting proteins. <b>2006</b> , 72, 49-59	63
1870	Virtual ligand screening: strategies, perspectives and limitations. <b>2006</b> , 11, 580-94	543
1869	Screening in a spirit haunted world. <b>2006</b> , 11, 607-15	228
1868	Can we estimate the accuracy of ADME-Tox predictions?. <b>2006</b> , 11, 700-7	219

## (2006-2006)

	Synthetic library design. <b>2006</b> , 11, 763-7	17
1866	Towards the discovery of drug-like RNA ligands?. <b>2006</b> , 11, 1019-27	60
1865	Solubility: it's not just for physical chemists. <b>2006</b> , 11, 1012-8	99
1864	Structure-based drug design meets the ribosome. <b>2006</b> , 71, 1016-25	69
1863	Selective optimization of side activities: the SOSA approach. <b>2006</b> , 11, 160-4	117
1862	Induction of apoptosis in A549 human lung cancer cells by all-trans retinoic acid incorporated in DOTAP/cholesterol liposomes. <b>2006</b> , 110, 514-21	44
1861	The quest for non-invasive delivery of bioactive macromolecules: a focus on heparins. <b>2006</b> , 113, 91-101	60
1860	Role of antioxidants in prophylaxis and therapy: A pharmaceutical perspective. <b>2006</b> , 113, 189-207	547
1859	Representation of target-bound drugs by computed conformers: implications for conformational libraries. <b>2006</b> , 7, 293	27
1858	Influence of protein content on the physicochemistry of poly(?-caprolactone) microparticles. <b>2006</b> , 101, 1042-1050	3
1857	A bioinformatician's view of the metabolome. <b>2006</b> , 28, 534-45	69
1856	Artemisonea highly active antimalarial drug of the artemisinin class. <b>2006</b> , 45, 2082-8	193
1855	Discovery and structure-activity relationship studies of a unique class of HIV-1 integrase inhibitors. <b>2006</b> , 1, 238-44	12
1854	Synthesis and activity of carbazole derivatives against Mycobacterium tuberculosis. <b>2006</b> , 1, 812-5	07
	Synthesis and activity of carbazote derivatives against Mycobacterium tuberculosis. 2000, 1, 612-3	97
1853	Identification of a potent agonist of the orphan nuclear receptor Nurr1. <b>2006</b> , 1, 955-8	42
	Identification of a potent agonist of the orphan nuclear receptor Nurr1. <b>2006</b> , 1, 955-8	42

1849	Understanding processing-induced phase transformations in erythromycin-PEG 6000 solid dispersions. <b>2006</b> , 95, 1723-32	13
1848	Development of a P-glycoprotein knockout model in rodents to define species differences in its functional effect at the blood-brain barrier. <b>2006</b> , 95, 1944-53	36
1847	Permeability assessment of poorly water-soluble compounds under solubilizing conditions: the reciprocal permeability approach. <b>2006</b> , 95, 2170-85	46
1846	Artemisone Highly Active Antimalarial Drug of the Artemisinin Class. 2006, 118, 2136-2142	23
1845	Structural basis for the modulation of CDK-dependent/independent activity of cyclin D1. 2006, 5, 2760-8	11
1844	FAF-Drugs: free ADME/tox filtering of compound collections. <b>2006</b> , 34, W738-44	96
1843	Novel targets in drug design: enzymes in the protein ubiquitylation pathway. <b>2006</b> , 1, 151-60	3
1842	New strategies in drug discovery. <b>2006</b> , 316, 1-11	5
1841	Aurora A and B kinases as targets for cancer: will they be selective for tumors?. <b>2006</b> , 6, 109-20	63
1840	A microfluidics-based mobility shift assay to discover new tyrosine phosphatase inhibitors. <b>2006</b> , 11, 996-1004	19
1839	Future trends in screening technology for drug discovery. <b>2006</b> , 1, 195-8	3
1838	Estrogen receptors: molecular interactions, virtual screening and future prospects. <b>2006</b> , 6, 217-43	27
1837	Receptor-based computational screening of compound databases: the main docking-scoring engines. <b>2006</b> , 7, 369-93	40
1836	From artemisinin to new artemisinin antimalarials: biosynthesis, extraction, old and new derivatives, stereochemistry and medicinal chemistry requirements. <b>2006</b> , 6, 509-37	187
1835	Physiology and pharmacology of the vanilloid receptor. <b>2006</b> , 4, 1-15	74
1834	Transformation of a biologically active Peptide into peptoid analogs while retaining biological activity. <b>2006</b> , 13, 829-33	14
1833	High-throughput structural characterisation of therapeutic protein targets. <b>2006</b> , 1, 123-36	1
1832	Screening the receptorome. <b>2006</b> , 20, 41-6	1

## (2007-2006)

1831	Systemic and intrathecal effects of a novel series of phospholipase A2 inhibitors on hyperalgesia and spinal prostaglandin E2 release. <b>2006</b> , 316, 466-75	63
1830	Specific inhibition of the plasmodial surface anion channel by dantrolene. <b>2006</b> , 5, 1882-93	30
1829	A high-throughput drug screen targeted to the 5'untranslated region of Alzheimer amyloid precursor protein mRNA. <b>2006</b> , 11, 469-80	35
1828	The role of pharmacognosy in modern medicine and pharmacy. <b>2006</b> , 7, 247-64	99
1827	Peracetylation as a means of enhancing in vitro bioactivity and bioavailability of epigallocatechin-3-gallate. <b>2006</b> , 34, 2111-6	124
1826	Cancer cell-based genomic and small molecule screens. <b>2007</b> , 96, 145-73	15
1825	Identification of RAS-mitogen-activated protein kinase signaling pathway modulators in an ERF1 redistribution screen. <b>2006</b> , 11, 423-34	14
1824	A chemoinformatics analysis of hit lists obtained from high-throughput affinity-selection screening. <b>2006</b> , 11, 123-30	29
1823	Disease mechanisms and emerging therapies: protein kinases and their inhibitors in myocardial disease. <b>2006</b> , 3, 437-45	22
1822	The Importance of Solvates. <b>2006</b> , 211-233	94
1821	Selective targeting of indel-inferred differences in spatial structures of homologous proteins. <b>2006</b> , 4, 403-14	2
1820	Lipid-Based Parenteral Drug Delivery Systems: Biological Implications. 48-87	2
1819	New natural noncannabinoid ligands for cannabinoid type-2 (CB2) receptors. <b>2006</b> , 26, 709-30	31
1818	Receptor Targets in Drug Discovery. 2006,	
1818 1817	Receptor Targets in Drug Discovery. 2006,  Potencies of human immunodeficiency virus protease inhibitors in vitro against Plasmodium falciparum and in vivo against murine malaria. 2006, 50, 639-48	114
	Potencies of human immunodeficiency virus protease inhibitors in vitro against Plasmodium	114
1817	Potencies of human immunodeficiency virus protease inhibitors in vitro against Plasmodium falciparum and in vivo against murine malaria. <b>2006</b> , 50, 639-48  Therapeutic targets: progress of their exploration and investigation of their characteristics. <b>2006</b> ,	,

1813	TOPOCHEMICAL MODELS FOR THE PREDICTION OF LIPOPHILICITY OF 1,3-DISUBSTITUTED PROPAN-2-ONE ANALOGS. <b>2007</b> , 06, 435-448	15
1812	Chemical evolution as a tool for molecular discovery. <b>2007</b> , 76, 331-49	45
1811	Feedback inhibition of pantothenate kinase regulates pantothenol uptake by the malaria parasite. <b>2007</b> , 282, 25395-405	17
1810	Identification of anti-prion compounds as efficient inhibitors of polyglutamine protein aggregation in a zebrafish model. <b>2007</b> , 282, 9195-203	76
1809	Identification of novel orally available small molecule insulin mimetics. 2007, 323, 579-85	18
1808	Oral drug absorption and the Biopharmaceutics Classification System. <b>2007</b> , 17, 237-244	12
1807	Cyclodextrins in ocular drug delivery: theoretical basis with dexamethasone as a sample drug. <b>2007</b> , 17, 3-9	39
1806	HIV entry inhibitors targeting gp41: from polypeptides to small-molecule compounds. <b>2007</b> , 13, 143-62	123
1805	Modeling gastrointestinal drug absorption requires more in vivo biopharmaceutical data: experience from in vivo dissolution and permeability studies in humans. <b>2007</b> , 8, 645-57	75
1804	Computational identification of inhibitors of protein-protein interactions. <b>2007</b> , 7, 63-82	77
1803	Design of second generation HIV-1 integrase inhibitors. <b>2007</b> , 13, 129-41	27
1802	From drug target to leadssketching a physicochemical pathway for lead molecule design in silico. <b>2007</b> , 13, 3454-70	52
1801	Development of radioligands for imaging of brain norepinephrine transporters in vivo with positron emission tomography. <b>2007</b> , 7, 1806-16	16
1800	AmineDB: large scale docking of amines with CYP2D6 and scoring for druglike propertiestowards defining the scope of the chemical defense against foreign amines in humans. <b>2007</b> , 37, 221-45	9
1799	PLANT-DERIVED NATURAL PRODUCTS IN DRUG DISCOVERY AND DEVELOPMENT: AN OVERVIEW. <b>2007</b> , 11-48	2
1798	The soluble epoxide hydrolase as a pharmaceutical target for hypertension. <b>2007</b> , 50, 225-37	139
1797	Target identification and validation for anthelmintic discovery. <b>2007</b> , 2, S91-8	5
1796	NCL-3D: A 3D Natural Compound Library for Structure-Based Drug Discovery. <b>2007</b> ,	

#### (2007-2007)

1795	A system coefficient approach for quantitative assessment of the solvent effects on membrane absorption from chemical mixtures. <b>2007</b> , 18, 579-93	20
1794	Using genomics to identify new targets and counteract resistance to antibiotics. 2007, 17, 667-674	2
1793	Quantitative Structure-Retention Relationship Study on the Binding of Organic Solvents to the Corn Protein, Zein. <b>2007</b> , 30, 351-362	
1792	High-throughput mass spectrometry screening for inhibitors of phosphatidylserine decarboxylase. <b>2007</b> , 12, 628-34	34
1791	High-throughput Plasmodium falciparum growth assay for malaria drug discovery. <b>2007</b> , 51, 716-23	133
1790	Hot spots in prion protein for pathogenic conversion. <b>2007</b> , 104, 11921-6	145
1789	The application of cassette dosing for pharmacokinetic screening in small-molecule cancer drug discovery. <b>2007</b> , 6, 428-40	63
1788	Fungi and Fungal Disease. 2007, 419-443	1
1787	Inhibition of human immunodeficiency virus envelope glycoprotein- mediated single cell lysis by low-molecular-weight antagonists of viral entry. <b>2007</b> , 81, 532-8	16
1786	Prediction and classification of drug toxicity using probabilistic modeling of temporal metabolic data: the consortium on metabonomic toxicology screening approach. <b>2007</b> , 6, 4407-22	146
1785	New Applications for Structure-Based Drug Design. <b>2007</b> , 775-806	O
1784	Structure-activity relationships for interaction with multidrug resistance protein 2 (ABCC2/MRP2): the role of torsion angle for a series of biphenyl-substituted heterocycles. <b>2007</b> , 35, 937-45	32
1783	Identifying druglike inhibitors of myelin-reactive T cells by phenotypic high-throughput screening of a small-molecule library. <b>2007</b> , 12, 481-9	5
1782	Identification and biological evaluation of a novel and potent small molecule radiation sensitizer via an unbiased screen of a chemical library. <b>2007</b> , 67, 8791-9	56
1781	Indirect readout in drug-DNA recognition: role of sequence-dependent DNA conformation. <b>2008</b> , 36, 376-86	17
1780	Comparison of the biological properties of several marine sponge-derived sesquiterpenoid quinones. <b>2007</b> , 12, 1376-88	22
1779	In Vitro Approaches to Anticipating Clinical Drug Interactions. 31-74	1
1778	In situ intestinal absorption behaviors of tanshinone IIA from its inclusion complex with hydroxypropyl-beta-cyclodextrin. <b>2007</b> , 30, 1918-22	14

1777	[High throughput screening in the process of drug discovery]. <b>2007</b> , 129, 276-80	3
1776	[Receptor-ligand docking simulation for membrane proteins]. 2007, 127, 123-31	7
1775	Efficient Strategies for Lead Optimization by Simultaneously Addressing Affinity, Selectivity and Pharmacokinetic Parameters. 705-754	1
1774	Picking pockets to fuel antimicrobial drug discovery. <b>2007</b> , 35, 980-4	5
1773	Biological In Vitro Models for Absorption by Nonoral Routes. <b>2007</b> , 279-299	1
1772	Polymeric Nanoparticles and Nanopore Membranes for Controlled Drug and Gene Delivery. 115-137	4
1771	Synthesis and positron emission tomography studies of carbon-11-labeled imatinib (Gleevec). <b>2007</b> , 34, 153-63	57
1770	An in vitro and in vivo disconnect uncovered through high-throughput identification of botulinum neurotoxin A antagonists. <b>2007</b> , 104, 2602-7	106
1769	Activation of inhibitors by sortase triggers irreversible modification of the active site. <b>2007</b> , 282, 23129-39	85
1768	De novo discovery of serotonin N-acetyltransferase inhibitors. <b>2007</b> , 50, 5330-8	25
1767	An integrated early formulation strategyfrom hit evaluation to preclinical candidate profiling. <b>2007</b> , 66, 1-10	54
1766	pH-responsive polymeric micelles of poly(ethylene glycol)-b-poly(alkyl(meth)acrylate-co-methacrylic acid): influence of the copolymer composition on self-assembling properties and release of candesartan cilexetil. <b>2007</b> , 65, 379-87	65
1765	The effect of different lipid based formulations on the oral absorption of lipophilic drugs: the ability of in vitro lipolysis and consecutive ex vivo intestinal permeability data to predict in vivo bioavailability in rats. <b>2007</b> , 67, 96-105	177
1764	Sunitinib: a VEGF and PDGF receptor protein kinase and angiogenesis inhibitor. <b>2007</b> , 356, 323-8	295
1763	Predictive models for oral drug absorption: from in silico methods to integrated dynamical models. <b>2007</b> , 3, 491-505	36
1762	Crystal structure of calf spleen purine nucleoside phosphorylase complexed to a novel purine analogue. <b>2007</b> , 581, 5082-6	9
1761	Drug delivery strategies for poorly water-soluble drugs. <b>2007</b> , 4, 403-16	377
1760	The Biopharmaceutics Classification System. <b>2007</b> , 971-988	2

1759	Rational Drug Design of Small Molecule Anticancer Agents: Preclinical Discovery. 2007,	1
1758	Solvent Systems and Their Selection in Pharmaceutics and Biopharmaceutics. 2007,	14
1757	Binding response: a descriptor for selecting ligand binding site on protein surfaces. <b>2007</b> , 47, 2303-15	47
1756	Characterization of the drugged human genome. <b>2007</b> , 8, 1063-73	42
1755	Methods to explore cellular uptake of ruthenium complexes. <b>2007</b> , 129, 46-7	377
1754	Library fingerprints: a novel approach to the screening of virtual libraries. <b>2007</b> , 47, 1354-65	12
1753	Application of fragment screening by X-ray crystallography to the discovery of aminopyridines as inhibitors of beta-secretase. <b>2007</b> , 50, 1124-32	141
1752	Novel genetic techniques and approaches in the microbial genomics era: identification and/or validation of targets for the discovery of new antibacterial agents. <b>2007</b> , 8, 201-12	15
1751	Intestinal permeability and its relevance for absorption and elimination. 2007, 37, 1015-51	211
1750	Development of reliable aqueous solubility models and their application in druglike analysis. <b>2007</b> , 47, 1395-404	79
1749	Screening marine fungi for inhibitors of the C4 plant enzyme pyruvate phosphate dikinase: unguinol as a potential novel herbicide candidate. <b>2007</b> , 73, 1921-7	20
1748	Treatment heterogeneity in asthma: genetics of response to leukotriene modifiers. 2007, 11, 97-104	45
1747	Glia proinflammatory cytokine upregulation as a therapeutic target for neurodegenerative diseases: function-based and target-based discovery approaches. <b>2007</b> , 82, 277-96	112
1746	Targeting enzyme inhibitors in drug discovery. <b>2007</b> , 11, 967-78	67
1745	Metal based drugs: from serendipity to design. <b>2007</b> , 4903-17	301
1744	Molecular and thermodynamic aspects of solubility advantage from solid dispersions. <b>2007</b> , 4, 794-802	32
1743	Application of fragment screening by X-ray crystallography to beta-secretase. <b>2007</b> , 50, 1116-23	139
1742	A large descriptor set and a probabilistic kernel-based classifier significantly improve druglikeness classification. <b>2007</b> , 47, 1776-86	34

1741	ChemGPS-NP: tuned for navigation in biologically relevant chemical space. <b>2007</b> , 70, 789-94	170
1740	4-amino-5-substituted-3(2H)-pyridazinones as orally active antinociceptive agents: synthesis and studies on the mechanism of action. <b>2007</b> , 50, 3945-53	19
1739	Design of inhibitors of the MurF enzyme of Streptococcus pneumoniae using docking, 3D-QSAR, and de Novo design. <b>2007</b> , 47, 1839-46	19
1738	Mechanism of internalization of an ICAM-1-derived peptide by human leukemic cell line HL-60: influence of physicochemical properties on targeted drug delivery. <b>2007</b> , 4, 749-58	18
1737	Optimizing cell permeation of an antibiotic resistance inhibitor for improved efficacy. <b>2007</b> , 50, 5644-54	39
1736	NMR screening applied to the fragment-based generation of inhibitors of creatine kinase exploiting a new interaction proximate to the ATP binding site. <b>2007</b> , 50, 1865-75	18
1735	Synthetic ligands discovered by in vitro selection. <b>2007</b> , 129, 13137-43	135
1734	Inhibition of recombinant cytochrome P450 isoforms 2D6 and 2C9 by diverse drug-like molecules. <b>2007</b> , 50, 3205-13	30
1733	Handbook of Bioequivalence Testing. 2007,	10
1732	Profiling proteasome activity in tissue with fluorescent probes. <b>2007</b> , 4, 739-48	59
1731	Circular DNA and DNA/RNA hybrid molecules as scaffolds for ricin inhibitor design. 2007, 129, 5544-50	33
1730	A database of historically-observed chemical replacements. <b>2007</b> , 47, 1294-302	46
1729	The Prediction of Physicochemical Properties. 240-275	2
1728	Application of Interpretable Models to ADME/TOX Problems. 581-597	
1727	Strategies for Using Computational Toxicology Methods in Pharmaceutical R&D. 545-579	1
1726	The structural determinants of macrolide-actin binding: in silico insights. <b>2007</b> , 92, 3862-7	5
1725	Strategies to improve drug delivery across the blood-brain barrier. 2007, 46, 553-76	82
1724	Pharmacokinetic considerations in clinical toxicology: clinical applications. <b>2007</b> , 46, 897-939	56

1723	Overcoming Poor Aqueous Solubility of Drugs for Oral Delivery. <b>2007</b> , 157-215	17
1722	Molecular Fields to Assess Recognition Forces and Property Spaces. <b>2007</b> , 577-602	3
1721	In Silico Prediction of Oral Bioavailability. <b>2007</b> , 699-724	10
1720	The Role of Medicinal Chemistry in Drug Discovery. 1-9	1
1719	Impact of physiological, physicochemical and biopharmaceutical factors in absorption and metabolism mechanisms on the drug oral bioavailability of rats and humans. <b>2007</b> , 3, 469-489	90
1718	Structure-activity relationship study of prion inhibition by 2-aminopyridine-3,5-dicarbonitrile-based compounds: parallel synthesis, bioactivity, and in vitro pharmacokinetics. <b>2007</b> , 50, 65-73	100
1717	Application of fragment-based lead generation to the discovery of novel, cyclic amidine beta-secretase inhibitors with nanomolar potency, cellular activity, and high ligand efficiency. <b>2007</b> , 50, 5912-25	197
1716	De novo parallel design, synthesis and evaluation of inhibitors against the reverse transcriptase of human immunodeficiency virus type-1 and drug-resistant variants. <b>2007</b> , 50, 2370-84	31
1715	Molecular recognition of protein kinase binding pockets for design of potent and selective kinase inhibitors. <b>2007</b> , 50, 409-24	416
1714	Prodrugs of Amides, Imides and Other NH-acidic Compounds. <b>2007</b> , 833-887	3
1713	Biosimilar drugs: concerns and opportunities. 2007, 21, 351-6	36
1712	Prediction of protein-protein interaction inhibitors by chemoinformatics and machine learning methods. <b>2007</b> , 50, 4665-8	55
1711	Docking and Scoring. <b>2007</b> , 255-281	
1710	Virtual Screening. <b>2007</b> , 459-494	2
1709	Fragment-Based Approaches. <b>2007</b> , 939-957	1
1708	The pKa Distribution of Drugs: Application to Drug Discovery. <b>2007</b> , 1, 1177391X0700100	97
1707	Bioreversible derivatives of phenol. 1. The role of human serum albumin as related to the stability and binding properties of carbonate esters with fatty acid-like structures in aqueous solution and biological media. <b>2007</b> , 12, 2380-95	8
1706	Bioreversible derivatives of phenol. 2. Reactivity of carbonate esters with fatty acid-like structures towards hydrolysis in aqueous solutions. <b>2007</b> , 12, 2396-412	22

1705	The Intersection of Strategy and Drug Research. <b>2007</b> , 1-84	2
1704	Chemical modification: the key to clinical application of RNA interference?. <b>2007</b> , 117, 3615-22	219
1703	Genomics. <b>2007</b> , 1-25	
1702	. 2007,	19
1701	. 2007,	34
1700	Evaluation of boosted regression trees (BRTs) and two-step BRT procedures to model and predict blood-brain barrier passage. <b>2007</b> , 21, 280-291	11
1699	MODEL-molecular descriptor lab: a web-based server for computing structural and physicochemical features of compounds. <b>2007</b> , 97, 389-96	48
1698	Permeability of atenolol and propranolol in the presence of dimethyl sulfoxide in rat single-pass intestinal perfusion assay with liquid chromatography/UV detection. <b>2007</b> , 21, 484-90	11
1697	From modeling to medicinal chemistry: automatic generation of two-dimensional complex diagrams. <b>2007</b> , 2, 853-60	61
1696	Chemical space travel. <b>2007</b> , 2, 636-40	56
1695	Synthesis and structure-activity relationships of a series of increasingly hydrophobic cationic steroid lipofection reagents. <b>2007</b> , 9, 381-91	11
1694	Development of a partially automated solubility screening (PASS) assay for early drug development. <b>2007</b> , 96, 1748-62	50
1693	Role of nanotechnology in pharmaceutical product development. <b>2007</b> , 96, 2547-65	145
1692	Effects of cyclodextrins on drug delivery through biological membranes. <b>2007</b> , 96, 2532-46	218
1691	Modern analytical approaches to high-throughput drug discovery. <b>2007</b> , 26, 171-182	25
1690	Fragment-based approaches to enzyme inhibition. <b>2007</b> , 18, 489-96	88
1689	Synthesis and antiplasmodial activity of new N-[3-(4-{3-[(7-chloroquinolin-4-yl)amino]propyl}piperazin-1-yl)propyl]carboxamides. <b>2007</b> , 15, 2782-8	6
1688	Synthesis, docking studies and anti-inflammatory activity of 4,5,6,7-tetrahydro-2H-indazole derivatives. <b>2007</b> , 15, 3463-73	53

#### (2007-2007)

1687	screening of structurally diverse libraries. <b>2007</b> , 15, 6900-8	58
1686	Inhibition of membrane-associated carbonic anhydrase isozymes IX, XII and XIV with a library of glycoconjugate benzenesulfonamides. <b>2007</b> , 17, 987-92	57
1685	Aryl sulfonamido indane inhibitors of the Kv1.5 ion channel. <b>2007</b> , 17, 2849-53	40
1684	Ligand based virtual screening and biological evaluation of inhibitors of chorismate mutase (Rv1885c) from Mycobacterium tuberculosis H37Rv. <b>2007</b> , 17, 3053-8	38
1683	Identification of potential glycogen kinase-3 inhibitors by structure based virtual screening. <b>2007</b> , 128, 165-75	19
1682	Synthesis and characterization of drugBaccharide conjugates by enzymatic strategy in organic media. <b>2007</b> , 41, 756-763	12
1681	The interdependence between screening methods and screening libraries. 2007, 11, 244-51	54
1680	Aptamer displacement identifies alternative small-molecule target sites that escape viral resistance. <b>2007</b> , 14, 804-12	48
1679	Evaluation of chromatographic descriptors for the prediction of gastro-intestinal absorption of drugs. <b>2007</b> , 1138, 190-202	33
1678	Sulfenamides as prodrugs of NH-acidic compounds: a new prodrug option for the amide bond. <b>2007</b> , 17, 4910-3	30
1677	PASS-predicted design, synthesis and biological evaluation of cyclic nitrones as nootropics. <b>2007</b> , 17, 5251-5	25
1676	Cyclodextrins and their pharmaceutical applications. <b>2007</b> , 329, 1-11	1210
1675	Parallel screening approach to identify solubility-enhancing formulations for improved bioavailability of a poorly water-soluble compound using milligram quantities of material. <b>2007</b> , 336, 1-11	30
1674	Drug design: new inhibitors for HIV-1 protease based on Nelfinavir as lead. <b>2007</b> , 26, 634-42	10
1673	Fast 3D shape screening of large chemical databases through alignment-recycling. 2007, 1, 12	24
1672	Open access and medicinal chemistry. <b>2007</b> , 1, 2	3
1671	Identification of novel fragment compounds targeted against the pY pocket of v-Src SH2 by computational and NMR screening and thermodynamic evaluation. <b>2007</b> , 67, 981-90	29

1669	New uses for old drugs. <b>2007</b> , 448, 645-6	724
1668	Structure-based maximal affinity model predicts small-molecule druggability. 2007, 25, 71-5	519
1667	Complement-targeted therapeutics. <b>2007</b> , 25, 1265-75	372
1666	Targeting virulence: a new paradigm for antimicrobial therapy. <b>2007</b> , 3, 541-8	920
1665	What's wrong with drug screening today. <b>2007</b> , 3, 187-91	63
1664	Scaffold composition and biological relevance of screening libraries. <b>2007</b> , 3, 442-6	148
1663	Targeting dual-specificity phosphatases: manipulating MAP kinase signalling and immune responses. <b>2007</b> , 6, 391-403	340
1662	The application of discovery toxicology and pathology towards the design of safer pharmaceutical lead candidates. <b>2007</b> , 6, 636-49	264
1661	In silico pharmacology for drug discovery: methods for virtual ligand screening and profiling. <b>2007</b> , 152, 9-20	366
1660	Chemogenomic approaches to rational drug design. <b>2007</b> , 152, 38-52	196
1659	Novel approaches to developing new antibiotics for bacterial infections. <b>2007</b> , 152, 1147-54	139
1658	Reaching for high-hanging fruit in drug discovery at protein-protein interfaces. <b>2007</b> , 450, 1001-9	1574
1657	The pharmacology of Ro 64-6198, a systemically active, nonpeptide NOP receptor (opiate receptor-like 1, ORL-1) agonist with diverse preclinical therapeutic activity. <b>2007</b> , 13, 107-36	42
1656	Artificial neural network models for prediction of intestinal permeability of oligopeptides. <b>2007</b> , 8, 245	25
1655	Synthesis of indolizine derivatives with selective antibacterial activity against Mycobacterium tuberculosis. <b>2007</b> , 30, 26-35	121
1654	Different impacts of intestinal lymphatic transport on the oral bioavailability of structurally similar synthetic lipophilic cannabinoids: dexanabinol and PRS-211,220. <b>2007</b> , 31, 298-305	33
1653	The effect of general anesthesia on the intestinal lymphatic transport of lipophilic drugs: comparison between anesthetized and freely moving conscious rat models. <b>2007</b> , 32, 367-74	24
1652	Turbidimetric measurement and prediction of dissolution rates of poorly soluble drug nanocrystals. <b>2007</b> , 117, 351-9	60

1651	Conjugation of poorly absorptive drugs with mucoadhesive polymers for the improvement of oral absorption of drugs. <b>2007</b> , 123, 195-202		20
1650	Drug targeting to the brain. 2007, 47, 323-55		281
1649	Grey goo on the skin? Nanotechnology, cosmetic and sunscreen safety. <b>2007</b> , 37, 251-77		491
1648	Effect of structural and conformation modifications, including backbone cyclization, of hydrophilic hexapeptides on their intestinal permeability and enzymatic stability. <b>2007</b> , 50, 6201-11		67
1647	Discovery of 5-substituted-6-chlorouracils as efficient inhibitors of human thymidine phosphorylase. <b>2007</b> , 50, 6016-23		33
1646	Progress in QSAR toxicity screening of pharmaceutical impurities and other FDA regulated products. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 43-55	3.5	81
1645	Advances in the development of new therapeutic agents targeting the NS3-4A serine protease or the NS5B RNA-dependent RNA polymerase of the hepatitis C virus. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1242-62	3.5	123
1644	Computational approaches to determine drug solubility. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 533-45	3.5	128
1643	High throughput solubility measurement in drug discovery and development. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 546-67	3.5	278
1642	Animal data: the contributions of the Ussing Chamber and perfusion systems to predicting human oral drug delivery in vivo. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 1103-20	3.5	117
1641	Targeted pharmaceutical nanocarriers for cancer therapy and imaging. 2007, 9, E128-47		564
1640	Equation chapter 1 section 1A new method for predicting human hepatic clearance from in vitro experimental data using molecular descriptors. <b>2007</b> , 30, 182-90		6
1639	Peptide transporter substrate identification during permeability screening in drug discovery: comparison of transfected MDCK-hPepT1 cells to Caco-2 cells. <b>2007</b> , 30, 507-18		17
1638	Multi drug resistance-dependent "vacuum cleaner" functionality potentially driven by the interactions between endocytosis, drug size and Pgp-like transporters surface density. <b>2007</b> , 36, 121-31		30
1637	Melittin as a permeability enhancer II: in vitro investigations in human mucus secreting intestinal monolayers and rat colonic mucosae. <b>2007</b> , 24, 1346-56		25
1636	Dexamethasone delivery to posterior segment of the eye. <b>2007</b> , 57, 585-589		17
1635	Development of octanol membranes for drug screening. <b>2007</b> , 57, 613-617		5
1634	The challenges of developing novel antiparasitic drugs. <b>2007</b> , 7, 245-50		26

1633	Virtual screening for finding natural inhibitor against cathepsin-L for SARS therapy. <b>2007</b> , 33, 129-35	70
1632	Docking mode of delvardine and its analogues into the p66 domain of HIV-1 reverse transcriptase: screening using molecular mechanics-generalized born/surface area and absorption, distribution, metabolism and excretion properties. <b>2007</b> , 32, 1307-16	34
1631	Simple criterion for selection of flavonoid compounds with anti-HIV activity. 2007, 17, 1226-32	27
1630	Drug discovery beyond the 'rule-of-five'. <b>2007</b> , 18, 478-88	197
1629	Pharmacophore identification and virtual screening for methionyl-tRNA synthetase inhibitors. <b>2007</b> , 25, 813-23	45
1628	A support vector machines approach for virtual screening of active compounds of single and multiple mechanisms from large libraries at an improved hit-rate and enrichment factor. <b>2008</b> , 26, 1276-86	66
1627	Structural basis for ligand recognition at the benzodiazepine binding site of GABAA alpha 3 receptor, and pharmacophore-based virtual screening approach. <b>2008</b> , 27, 286-98	9
1626	A method for the production and characterization of fractionated libraries from Chinese herbal formulas. <b>2008</b> , 862, 196-204	14
1625	Predicting the solubility of the anti-cancer agent docetaxel in small molecule excipients using computational methods. <b>2008</b> , 25, 147-57	84
1624	What is a suitable dissolution method for drug nanoparticles?. <b>2008</b> , 25, 1696-701	88
1623	A modified approach to predict dissolution and absorption of polydisperse powders. <b>2008</b> , 25, 2309-11	6
1622	Species difference in intestinal absorption mechanism of etoposide and digoxin between cynomolgus monkey and rat. <b>2008</b> , 25, 2467-76	22
1621	Dissolution improvement and the mechanism of the improvement from cocrystallization of poorly water-soluble compounds. <b>2008</b> , 25, 2581-92	145
1620	An improved relaxed complex scheme for receptor flexibility in computer-aided drug design. <b>2008</b> , 22, 693-705	243
1619	What do we know and when do we know it?. <b>2008</b> , 22, 239-55	168
1618	FTree query construction for virtual screening: a statistical analysis. <b>2008</b> , 22, 111-8	4
1617	Computational methods applied to the discovery of stem cell factor ligands. <b>2008</b> , 120, 523-531	1
1616	Epigallocatechin-3-gallate suppresses TNF-alpha -induced production of MMP-1 and -3 in rheumatoid arthritis synovial fibroblasts. <b>2008</b> , 29, 23-9	67

1615	Molecular modeling and biophysical analysis of the c-MYC NHE-III1 silencer element. 2008, 14, 93-101	28
1614	Identification of cellular pathways affected by Sortin2, a synthetic compound that affects protein targeting to the vacuole in Saccharomyces cerevisiae. <b>2008</b> , 8, 1	17
1613	A novel hybrid ultrafast shape descriptor method for use in virtual screening. 2008, 2, 3	27
1612	Pybel: a Python wrapper for the OpenBabel cheminformatics toolkit. <b>2008</b> , 2, 5	223
1611	A Combined Virtual Screening 2D and 3D QSAR Methodology for the Selection of New Anticonvulsant Candidates from a Natural Product Library. <b>2008</b> , 27, 1120-1129	20
1610	Computational optimization of AG18051 inhibitor for amyloid-binding alcohol dehydrogenase enzyme. <b>2008</b> , 108, 1982-1991	2
1609	Novel small molecule inhibitors for prostate-specific antigen. <b>2008</b> , 68, 1143-51	36
1608	Neural commitment of embryonic stem cells: molecules, pathways and potential for cell therapy. <b>2008</b> , 215, 355-68	29
1607	Method for comparing the structures of protein ligand-binding sites and application for predicting protein-drug interactions. <b>2008</b> , 72, 367-81	45
1606	Structural classification of CDR-H3 revisited: a lesson in antibody modeling. <b>2008</b> , 73, 608-20	97
1605	Use of plasma proteins as solubilizing agents in in vitro permeability experiments: correction for unbound drug concentration using the reciprocal permeability approach. <b>2008</b> , 97, 209-24	11
1604	Physical and biological considerations for the use of nonaqueous solvents in oral bioavailability enhancement. <b>2008</b> , 97, 1071-88	14
1603	Molecular design for enhancement of ocular penetration. <b>2008</b> , 97, 2462-96	65
1602	Design and characterization of a new miniaturized rotating disk equipment for in vitro dissolution rate studies. <b>2008</b> , 97, 3344-55	7
1601	The co-crystal approach to improve the exposure of a water-insoluble compound: AMG 517 sorbic acid co-crystal characterization and pharmacokinetics. <b>2008</b> , 97, 3942-56	184
1600	Simulation modelling of human intestinal absorption using Caco-2 permeability and kinetic solubility data for early drug discovery. <b>2008</b> , 97, 4557-74	38
1599	Site-specific drug delivery to the middle-to-lower region of the small intestine reduces food-drug interactions that are responsible for low drug absorption in the fed state. <b>2008</b> , 97, 5341-53	14
1598	Bioavailability issues in studying the health effects of plant polyphenolic compounds. <b>2008</b> , 52 Suppl 1, S139-51	92

1597	An ESI-MS/MS method for screening of small-molecule mixtures against glycogen synthase kinase-3beta (GSK-3beta). <b>2008</b> , 9, 1065-73	11
1596	beta'-Hydroxy-alpha,beta-unsaturated ketones: A new pharmacophore for the design of anticancer drugs. Part 2. <b>2008</b> , 3, 1740-7	19
1595	Discovery of DPP IV inhibitors by pharmacophore modeling and QSAR analysis followed by in silico screening. <b>2008</b> , 3, 1763-79	53
1594	Three-dimensional database mining identifies a unique chemotype that unites structurally diverse botulinum neurotoxin serotype A inhibitors in a three-zone pharmacophore. <b>2008</b> , 3, 1905-12	34
1593	Improving oral bioavailability of peptides by multiple N-methylation: somatostatin analogues. <b>2008</b> , 47, 2595-9	268
1592	Die Verbesserung der oralen Bioverfgbarkeit von Peptiden durch multiple N-Methylierung: Somatostatin-Analoga. <b>2008</b> , 120, 2633-2637	39
1591	Determination of two C21 steroidal glycosides of Baishouwu and their metabolites in mice plasma and tumor homogenate by liquid chromatography-tandem mass spectrometry. <b>2008</b> , 876, 203-10	10
1590	Polymeric nanomedicine for cancer therapy. <b>2008</b> , 33, 113-137	416
1589	Predicting human liver microsomal stability with machine learning techniques. 2008, 26, 907-15	67
1588	Design of peptidomimetic inhibitors of aspartic protease of HIV-1 containing -Phe Psi Pro- core and displaying favourable ADME-related properties. <b>2008</b> , 27, 376-87	29
1587	Virtual screening against Mycobacterium tuberculosis dihydrofolate reductase: suggested workflow for compound prioritization using structure interaction fingerprints. <b>2008</b> , 27, 476-88	15
1586	Computational aqueous solubility prediction for drug-like compounds in congeneric series. <b>2008</b> , 43, 501-12	35
1585	Carboxymethylated pyridoindole antioxidants as aldose reductase inhibitors: Synthesis, activity, partitioning, and molecular modeling. <b>2008</b> , 16, 4908-20	56
1584	Support vector machines classification of hERG liabilities based on atom types. <b>2008</b> , 16, 6252-60	35
1583	Evaluation of novel hyphodermin derivatives as glycogen phosphorylase a inhibitors. <b>2008</b> , 16, 6172-8	11
1582	High-throughput evaluation of relative cell permeability between peptoids and peptides. 2008, 16, 5853-61	87
1581	New QSPR study for the prediction of aqueous solubility of drug-like compounds. <b>2008</b> , 16, 7944-55	76
1580	Synthesis of new 1-phenyl-3-{4-[(2E)-3-phenylprop-2-enoyl]phenyl}-thiourea and urea derivatives with anti-nociceptive activity. <b>2008</b> , 16, 8526-34	38

1579	1,3-Dialkyl-8-(hetero)aryl-9-OH-9-deazaxanthines as potent A2B adenosine receptor antagonists: design, synthesis, structure-affinity and structure-selectivity relationships. <b>2008</b> , 16, 9780-9	21
1578	Synthesis and in vitro antimycobacterial activity of B-ring modified diaryl ether InhA inhibitors. <b>2008</b> , 18, 3029-33	64
1577	Design, synthesis, and evaluation of fused heterocyclic analogs of SCH 58261 as adenosine A2A receptor antagonists. <b>2008</b> , 18, 4204-9	17
1576	On the antibiotic activity of oxazolomycin. <b>2008</b> , 18, 4081-6	19
1575	Physiochemical drug properties associated with in vivo toxicological outcomes. <b>2008</b> , 18, 4872-5	604
1574	Modification of the side chain of micromolide, an anti-tuberculosis natural product. <b>2008</b> , 18, 5311-5	13
1573	Recent developments on 3-hydroxy-4-pyridinones with respect to their clinical applications: Mono and combined ligand approaches. <b>2008</b> , 252, 1213-1224	47
1572	Antidiabetic activities of triterpenoids isolated from bitter melon associated with activation of the AMPK pathway. <b>2008</b> , 15, 263-73	282
1571	Actin-binding toxin "tail" wags the dog. <b>2008</b> , 15, 205-7	3
1570	How to identify a pharmacophore. <b>2008</b> , 15, 207-8	5
1570 1569		5
<i></i>		
1569	Shape shifting leads to small-molecule allosteric drug discovery. <b>2008</b> , 15, 586-96  Biaryl and heteroaryl derivatives of SCH 58261 as potent and selective adenosine A2A receptor	55
1569 1568	Shape shifting leads to small-molecule allosteric drug discovery. <b>2008</b> , 15, 586-96  Biaryl and heteroaryl derivatives of SCH 58261 as potent and selective adenosine A2A receptor antagonists. <b>2008</b> , 18, 4199-203  Structure-activity relationships of compounds targeting mycobacterium tuberculosis	55
1569 1568 1567	Shape shifting leads to small-molecule allosteric drug discovery. 2008, 15, 586-96  Biaryl and heteroaryl derivatives of SCH 58261 as potent and selective adenosine A2A receptor antagonists. 2008, 18, 4199-203  Structure-activity relationships of compounds targeting mycobacterium tuberculosis 1-deoxy-D-xylulose 5-phosphate synthase. 2008, 18, 5320-3  Unexpected differences in dissolution behavior of tablets prepared from solid dispersions with a	55 15 36
1569 1568 1567 1566	Shape shifting leads to small-molecule allosteric drug discovery. 2008, 15, 586-96  Biaryl and heteroaryl derivatives of SCH 58261 as potent and selective adenosine A2A receptor antagonists. 2008, 18, 4199-203  Structure-activity relationships of compounds targeting mycobacterium tuberculosis 1-deoxy-D-xylulose 5-phosphate synthase. 2008, 18, 5320-3  Unexpected differences in dissolution behavior of tablets prepared from solid dispersions with a surfactant physically mixed or incorporated. 2008, 349, 66-73	<ul><li>55</li><li>15</li><li>36</li><li>60</li></ul>
1569 1568 1567 1566	Shape shifting leads to small-molecule allosteric drug discovery. 2008, 15, 586-96  Biaryl and heteroaryl derivatives of SCH 58261 as potent and selective adenosine A2A receptor antagonists. 2008, 18, 4199-203  Structure-activity relationships of compounds targeting mycobacterium tuberculosis 1-deoxy-D-xylulose 5-phosphate synthase. 2008, 18, 5320-3  Unexpected differences in dissolution behavior of tablets prepared from solid dispersions with a surfactant physically mixed or incorporated. 2008, 349, 66-73  Physicochemical properties of water and its effect on drug delivery. A commentary. 2008, 354, 248-54  Physicochemical properties and oral bioavailability of amorphous atorvastatin hemi-calcium using	55 15 36 60 25

1561	Biocompatible surfactants for water-in-fluorocarbon emulsions. <b>2008</b> , 8, 1632-9	508
1560	The Ehrlich pathway for fusel alcohol production: a century of research on Saccharomyces cerevisiae metabolism. <b>2008</b> , 74, 2259-66	873
1559	Scaffold diversity of natural products: inspiration for combinatorial library design. <b>2008</b> , 25, 892-904	178
1558	Design, synthesis, cytoselective toxicity, structure-activity relationships, and pharmacophore of thiazolidinone derivatives targeting drug-resistant lung cancer cells. <b>2008</b> , 51, 1242-51	133
1557	Privileged scaffolds targeting reverse-turn and helix recognition. <b>2008</b> , 12, 101-14	29
1556	Physicochemical properties of antibacterial compounds: implications for drug discovery. <b>2008</b> , 51, 2871-8	472
1555	The biopharmaceutical classification system-experimental model of prediction of drug bioavailability. <b>2008</b> , 2, 235-244	4
1554	Opportunities and challenges in the discovery of new central nervous system drugs. <b>2008</b> , 1144, 243-50	4
1553	Predicting drug disposition, absorption/elimination/transporter interplay and the role of food on drug absorption. <i>Advanced Drug Delivery Reviews</i> , <b>2008</b> , 60, 717-33	329
1552	Challenges and opportunities in the encapsulation of liquid and semi-solid formulations into capsules for oral administration. <i>Advanced Drug Delivery Reviews</i> , <b>2008</b> , 60, 747-56	164
1551	Rhodanine derivatives as selective protease inhibitors against bacterial toxins. 2008, 71, 131-9	45
1550	Inhibition of HIV-2 protease by HIV-1 protease inhibitors in clinical use. <b>2008</b> , 71, 298-305	79
1549	PDBcal: a comprehensive dataset for receptor-ligand interactions with three-dimensional structures and binding thermodynamics from isothermal titration calorimetry. <b>2008</b> , 71, 529-32	47
1548	In vivo biology and toxicology of fullerenes and their derivatives. <b>2008</b> , 103, 197-208	142
1547	Ligand discovery and virtual screening using the program LIDAEUS. 2008, 153 Suppl 1, S55-67	21
1546	Displacement of protein-bound aptamers with small molecules screened by fluorescence polarization. <b>2008</b> , 3, 579-87	68
1545	Carrier-mediated cellular uptake of pharmaceutical drugs: an exception or the rule?. 2008, 7, 205-20	360
1544	Perspectives on NMR in drug discovery: a technique comes of age. 2008, 7, 738-45	318

1543	Virtual screening of GPCRs: an in silico chemogenomics approach. <b>2008</b> , 9, 363	70
1542	FAF-Drugs2: free ADME/tox filtering tool to assist drug discovery and chemical biology projects. <b>2008</b> , 9, 396	192
1541	Requirements for a lead compound to become a clinical candidate. 2008, 9 Suppl 3, S7	62
1540	Common dietary flavonoids inhibit the growth of the intraerythrocytic malaria parasite. 2008, 1, 26	91
1539	Identification of novel selective V2 receptor non-peptide agonists. 2008, 76, 1134-41	6
1538	Discovery of substituted sulfonamides and thiazolidin-4-one derivatives as agonists of human constitutive androstane receptor. <b>2008</b> , 76, 1288-97	28
1537	A new self-emulsifying drug delivery system (SEDDS) for poorly soluble drugs: characterization, dissolution, in vitro digestion and incorporation into solid pellets. <b>2008</b> , 35, 457-64	79
1536	Strategies and tactics for optimizing the Hit-to-Lead process and beyonda computational chemistry perspective. <b>2008</b> , 13, 99-109	43
1535	Limitations and lessons in the use of X-ray structural information in drug design. 2008, 13, 831-41	133
1534	Do enthalpy and entropy distinguish first in class from best in class?. <b>2008</b> , 13, 869-74	388
1533	Tea Polyphenols as Nutraceuticals. <b>2008</b> , 7, 229-254	96
1532	A novel bottom-up process to produce drug nanocrystals: controlled crystallization during freeze-drying. <b>2008</b> , 128, 179-83	127
1531	Stable nanocolloids of poorly soluble drugs with high drug content prepared using the combination of sonication and layer-by-layer technology. <b>2008</b> , 128, 255-60	140
1530	Rationalizing the selection of oral lipid based drug delivery systems by an in vitro dynamic lipolysis model for improved oral bioavailability of poorly water soluble drugs. <b>2008</b> , 129, 1-10	247
1529	In vitro-in vivo correlation for wet-milled tablet of poorly water-soluble cilostazol. 2008, 130, 29-37	53
1528	Chemogenomics and biotechnology. <b>2008</b> , 26, 252-8	28
1527	Current applications of liquid chromatography/mass spectrometry in pharmaceutical discovery after a decade of innovation. <b>2008</b> , 1, 357-96	55

1525	Robust cross-validation of linear regression QSAR models. <b>2008</b> , 48, 2081-94	47
1524	Identification and validation of human DNA ligase inhibitors using computer-aided drug design. <b>2008</b> , 51, 4553-62	60
1523	Fluorescence study of the curcumin-casein micelle complexation and its application as a drug nanocarrier to cancer cells. <b>2008</b> , 9, 2905-12	417
1522	Virtual screening for the discovery of bioactive natural products. <b>2008</b> , 65, 211, 213-49	70
1521	Selective dopamine D3 receptor antagonists. A decade of progress: 1997 12007. 2008, 18, 821-840	22
1520	Predicting Selectivity and Druggability in Drug Discovery. <b>2008</b> , 23-37	7
1519	Prediction of oral drug absorption in humansfrom cultured cell lines and experimental animals. <b>2008</b> , 4, 581-90	50
1518	Protein kinase CK2 as a druggable target. <b>2008</b> , 4, 889-94	98
1517	Discovery of novel nitrobenzothiazole inhibitors for Mycobacterium tuberculosis ATP phosphoribosyl transferase (HisG) through virtual screening. <b>2008</b> , 51, 5984-92	90
1516	High impact technologies for natural products screening. <b>2008</b> , 65, 175, 177-210	49
1515	Progress in acetylcholinesterase inhibitors for Alzheimer's disease: an update. <b>2008</b> , 18, 387-401	24
1514	The use of lipid-based formulations to increase the oral bioavailability of Panax notoginseng saponins following a single oral gavage to rats. <b>2008</b> , 34, 65-72	32
1513	Drug Targets in Kinetoplastid Parasites. <b>2008</b> ,	3
1512	Virtual screening of chemical libraries for drug discovery. <b>2008</b> , 3, 1011-26	23
1511	Determination of log D via automated microfluidic liquid-liquid extraction. <b>2008</b> , 51, 5140-2	28
1510	Biopharmaceutics Applications in Drug Development. 2008,	8
1509	Natural products as an inspiration in the diversity-oriented synthesis of bioactive compound libraries. <b>2008</b> , 25, 719-37	180
1508	Parallel synthesis of a multi-substituted benzo[b]furan library. 2008, 10, 941-7	55

1507	Identification of small molecular weight inhibitors of Src homology 2 domain-containing tyrosine phosphatase 2 (SHP-2) via in silico database screening combined with experimental assay. <b>2008</b> , 51, 7396-404	36
1506	Systems for region selective drug delivery in the gastrointestinal tract: biopharmaceutical considerations. <b>2008</b> , 5, 681-92	43
1505	Positive and negative modulation of group I metabotropic glutamate receptors. <b>2008</b> , 51, 634-47	48
1504	Solubility challenge: can you predict solubilities of 32 molecules using a database of 100 reliable measurements?. <b>2008</b> , 48, 1289-303	142
1503	Ensemble-based virtual screening reveals potential novel antiviral compounds for avian influenza neuraminidase. <b>2008</b> , 51, 3878-94	190
1502	Chemical substructures that enrich for biological activity. <b>2008</b> , 24, 2518-25	212
1501	Ligand-target prediction using Winnow and naive Bayesian algorithms and the implications of overall performance statistics. <b>2008</b> , 48, 2313-25	77
1500	Progress in drug delivery to the central nervous system by the prodrug approach. <b>2008</b> , 13, 1035-65	109
1499	A new Met inhibitory-scaffold identified by a focused forward chemical biological screen. <b>2008</b> , 375, 184-9	15
1498	Physicochemical Properties of Pharmaceutical Co-Crystals: A Case Study of Ten AMG 517 Co-Crystals. <b>2008</b> , 8, 3856-3862	193
1497	Identification of inhibitors of the nicotine metabolising CYP2A6 enzymean in silico approach. <b>2008</b> , 8, 328-38	21
1496	Development and experimental validation of a docking strategy for the generation of kinase-targeted libraries. <b>2008</b> , 51, 3124-32	36
1495	Combining ligand-based pharmacophore modeling, quantitative structure-activity relationship analysis and in silico screening for the discovery of new potent hormone sensitive lipase inhibitors. <b>2008</b> , 51, 6478-94	65
1494	Identification of novel cannabinoid CB1 receptor antagonists by using virtual screening with a pharmacophore model. <b>2008</b> , 51, 2439-46	52
1493	In silico activity profiling reveals the mechanism of action of antimalarials discovered in a high-throughput screen. <b>2008</b> , 105, 9059-64	361
1492	Chapter 9 Rhodium-catalyzed cycloisomerization reactions of allenes in diversity-oriented synthesis. <b>2008</b> , 7, 328-X	
1491	Solution phase synthesis of a diverse library of highly substituted isoxazoles. <b>2008</b> , 10, 658-63	61
1490	Direct screening of natural product extracts using mass spectrometry. <b>2008</b> , 13, 265-75	98

1489	Design and synthesis of propeller-shaped dispiroisoxazolinopiperidinochromanones. <b>2008</b> , 10, 225-9	15
1488	Improving solubility of lipophilic drugs: Enzymatic synthesis of drug-saccharide derivatives in nonaqueous media. <b>2008</b> , 136, S514	
1487	Molecular encapsulation of thalidomide with sulfobutyl ether-7 beta-cyclodextrin for immediate release property: enhanced in vivo antitumor and antiangiogenesis efficacy in mice. <b>2008</b> , 34, 149-56	15
1486	Bifunctional molecules evade cytochrome P(450) metabolism by forming protective complexes with FK506-binding protein. <b>2008</b> , 4, 571-8	6
1485	FE(II) is the native cofactor for Escherichia coli methionine aminopeptidase. 2008, 283, 26879-85	45
1484	Detection and pharmacokinetics of alginate oligosaccharides in mouse plasma and urine after oral administration by a liquid chromatography/tandem mass spectrometry (LC-MS/MS) method. <b>2008</b> , 72, 2184-90	14
1483	Structure-based virtual screening for glycosyltransferase51. <b>2008</b> , 34, 849-856	17
1482	Berberine and its more biologically available derivative, dihydroberberine, inhibit mitochondrial respiratory complex I: a mechanism for the action of berberine to activate AMP-activated protein kinase and improve insulin action. <b>2008</b> , 57, 1414-8	399
1481	Mechanism of inhibition of HIV-1 reverse transcriptase by the novel broad-range DNA polymerase inhibitor N-{2-[4-(aminosulfonyl)phenyl]ethyl}-2-(2-thienyl)acetamide. <b>2008</b> , 47, 490-502	13
1480	Selection of a trioxaquine as an antimalarial drug candidate. <b>2008</b> , 105, 17579-84	119
1479	Viewing membrane-bound molecular umbrellas by parallax analyses. 2008, 130, 13771-7	18
1478	Identification and characterization of novel small-molecule protease-activated receptor 2 agonists. <b>2008</b> , 327, 799-808	41
1477	Systems biology of cyanobacterial secondary metabolite production and its role in drug discovery. <b>2008</b> , 3, 903-29	39
1476	Modern cancer drug discovery: integrating targets, technologies and treatments. <b>2008</b> , 3-38	3
1475	Interaction model based on local protein substructures generalizes to the entire structural enzyme-ligand space. <b>2008</b> , 48, 2278-88	30
1474	Neurobiological applications of small molecule screening. <b>2008</b> , 108, 1774-86	13
1473	Insights into ligand-elicited activation of human constitutive androstane receptor based on novel agonists and three-dimensional quantitative structure-activity relationship. <b>2008</b> , 51, 7181-92	32
1472		

1471	A chemical compound that stimulates the human homologous recombination protein RAD51. <b>2008</b> , 105, 15848-53	98
1470	Lipid bilayer-mediated regulation of ion channel function by amphiphilic drugs. <b>2008</b> , 131, 421-9	77
1469	Inhibition of Toxoplasma gondii by indirubin and tryptanthrin analogs. <b>2008</b> , 52, 4466-9	41
1468	Searching the Tritryp genomes for drug targets. <b>2008</b> , 625, 133-40	27
1467	IntestinalTransporters in Drug Absorption. 2008, 175-261	4
1466	Targeted rescue of a destabilized mutant of p53 by an in silico screened drug. <b>2008</b> , 105, 10360-5	254
1465	Antinociceptive activity and preliminary structure-activity relationship of chalcone-like compounds. <b>2008</b> , 63, 830-6	8
1464	In silico and in vitro: identifying new drugs. <b>2008</b> , 9, 1054-61	20
1463	Amyloid beta-protein assembly as a therapeutic target of Alzheimer's disease. <b>2008</b> , 14, 3231-46	94
1462	Development of a phospholipidosis database and predictive quantitative structure-activity relationship (QSAR) models. <b>2008</b> , 18, 217-27	44
1461	Specific inhibitors of the protein tyrosine phosphatase Shp2 identified by high-throughput docking. <b>2008</b> , 105, 7275-80	164
1460	Gastrointestinal Dissolution and Absorption of Class II Drugs. 2008, 33-51	14
1459	Discovery of potent pteridine reductase inhibitors to guide antiparasite drug development. <b>2008</b> , 105, 1448-53	106
1458	Identification and biochemical characterization of small-molecule inhibitors of west nile virus serine protease by a high-throughput screen. <b>2008</b> , 52, 3385-93	83
1457	Discovery of drug-like inhibitors of an essential RNA-editing ligase in Trypanosoma brucei. <b>2008</b> , 105, 17278-83	114
1456	Structure-based identification of small-molecule angiotensin-converting enzyme 2 activators as novel antihypertensive agents. <b>2008</b> , 51, 1312-7	207
1455	Compound Properties and Drug Quality. <b>2008</b> , 481-490	3
1454	Drug Solubilization with Organic Solvents, or Using Micellar Solutions or Other Colloidal Dispersed Systems. <b>2008</b> , 786-812	

1453 Molecular Imaging of Transporters with Positron Emission Tomography. <b>2008</b> , 155-186	1
Inhibitory effects of caffeine analogues on neoplastic transformation: structure-activity relationship. <b>2008</b> , 29, 1228-34	13
New auxin analogs with growth-promoting effects in intact plants reveal a chemical strategy to improve hormone delivery. <b>2008</b> , 105, 15190-5	79
Chapter 1:Fragment Descriptors in SAR/QSAR/QSPR Studies, Molecular Similarity Analysis and in Virtual Screening. <b>2008</b> , 1-43	20
Parameters for Carbamate Pesticide QSAR and PBPK/PD Models for Human Risk Assessment. <b>2008</b> , 193, 53-212	10
High-throughput screening of a 100,000-compound library for inhibitors of influenza A virus (H3N2). <b>2008</b> , 13, 879-87	36
1447 SuperPred: drug classification and target prediction. <b>2008</b> , 36, W55-9	112
Protection against hydrogen peroxide-mediated cytotoxicity in Friedreich's ataxia fibroblasts using novel iron chelators of the 2-pyridylcarboxaldehyde isonicotinoyl hydrazone class. <b>2008</b> , 74, 225-35	39
1445 Passive and iontophoretic transdermal penetration of chlorpromazine. <b>2008</b> , 13, 271-5	7
1444 Evolutionary algorithms for automated drug design towards target molecule properties. <b>2008</b> ,	4
1443 Introduction to Fragment-Based Drug Discovery. 1-13	2
1442 Application of the Biopharmaceutics Classification System Now and in the Future. <b>2008</b> , 521-558	1
1441 A structural biology view of target drugability. <b>2008</b> , 3, 391-401	43
1440 Role of Preformulation in Development of Solid Dosage Forms. 933-975	1
1439 Aqueous Solubility in Drug Discovery Chemistry, DMPK, and Biological Assays. <b>2008</b> , 7-31	1
1438 Histamine H3 receptor antagonists go to clinics. <b>2008</b> , 31, 2163-81	169
1437 Introduction And Review Copyright. <b>2008</b> , 1-84	
1436 Oil-in-Water Nanosized Emulsions: Medical Applications. 1327-1366	2

1435	TOXICITY VERSUS POTENCY: ELUCIDATION OF TOXICITY PROPERTIES DISCRIMINATING BETWEEN TOXINS, DRUGS, AND NATURAL COMPOUNDS. <b>2008</b> ,	5
1434	Cell penetrating peptides for in vivo molecular imaging applications. <b>2008</b> , 14, 2415-47	55
1433	Micro/Nanoparticle Design and Fabrication for Pharmaceutical Drug Preparation and Delivery Applications. <b>2008</b> , 3, 78-97	20
1432	The preclinical testing strategy for the development of novel chemical entities for the treatment of asthma. <b>2008</b> , 9, 443-51	6
1431	References. <b>2008</b> , 425-455	
1430	. 2008,	21
1429	. 2008,	1
1428	A high-throughput screening method for small-molecule pharmacologic chaperones of misfolded rhodopsin. <b>2008</b> , 49, 3224-30	56
1427	Novel Algorithms for the Identification of Biologically Informative Chemical Diversity Metrics. <b>2008</b> , 4, 23-34	3
1426	Prediction of human intestinal absorption by GA feature selection and support vector machine regression. <b>2008</b> , 9, 1961-76	57
1425	Off-target effects of psychoactive drugs revealed by genome-wide assays in yeast. 2008, 4, e1000151	71
1424	Functional group and substructure searching as a tool in metabolomics. <b>2008</b> , 3, e1537	19
1423	Citral sensing by Transient [corrected] receptor potential channels in dorsal root ganglion neurons. <b>2008</b> , 3, e2082	83
1422	Parallel synthesis of an imidazole-4,5-dicarboxamide library bearing amino acid esters and alkanamines. <b>2008</b> , 13, 3149-70	5
1421	Docking studies and anti-inflammatory activity of beta-hydroxy-beta-arylpropanoic acids. <b>2008</b> , 13, 603-15	19
1420	Structural biology and anticancer drug design. <b>2008</b> , 91-106	1
1419	COMPARATIVE VEGF RECEPTOR TYROSINE KINASE MODELING FOR THE DEVELOPMENT OF HIGHLY SPECIFIC INHIBITORS OF TUMOR ANGIOGENESIS. <b>2008</b> ,	0
1418	Ion Channels. 2009,	

1417	. 2009,	7
1416	Modern Drug Discovery and Development. <b>2009</b> , 361-380	2
1415	NMR Spectroscopy in Fragment Based Drug Design. <b>2009</b> , 125-139	1
1414	Possible drug candidates for Alzheimer's disease deduced from studying their binding interactions with alpha7 nicotinic acetylcholine receptor. <b>2009</b> , 5, 250-62	36
1413	A natural squamosamide derivative FLZ reduces amyloid-beta production by increasing non-amyloidogenic AbetaPP processing. <b>2009</b> , 18, 153-65	8
1412	Superoxide, NO, peroxynitrite and PARP in circulatory shock and inflammation. <b>2009</b> , 14, 263-96	35
1411	Parallel synthesis of a library of symmetrically- and dissymmetrically-disubstituted imidazole-4,5-dicarboxamides bearing amino acid esters. <b>2009</b> , 14, 352-63	6
1410	The use of MoStBioDat for rapid screening of molecular diversity. <b>2009</b> , 14, 3436-45	4
1409	Toward the discovery of vaccine adjuvants: coupling in silico screening and in vitro analysis of antagonist binding to human and mouse CCR4 receptors. <b>2009</b> , 4, e8084	46
1408	Role of membrane transporters in the safety profile of drugs. <b>2009</b> , 5, 1369-83	16
1407	Chemoinformatics⊞n introduction for computer scientists. <b>2009</b> , 41, 1-38	53
1406	Combining Aggregation with Pareto Optimization: A Case Study in Evolutionary Molecular Design. <b>2009</b> , 453-467	20
1405	PDMS compound adsorption in context. <b>2009</b> , 14, 194-202	41
1404	Structural requirements for novel coenzyme-substrate derivatives to inhibit intracellular ornithine decarboxylase and cell proliferation. <b>2009</b> , 23, 565-74	7
1403	Absorption and disposition of ginsenosides after oral administration of Panax notoginseng extract to rats. <b>2009</b> , 37, 2290-8	278
1402	Design and x-ray crystal structures of high-potency nonsteroidal glucocorticoid agonists exploiting a novel binding site on the receptor. <b>2009</b> , 106, 18114-9	54
1401	A novel, species-specific class of uncompetitive inhibitors of gamma-glutamyl transpeptidase. <b>2009</b> , 284, 9059-65	47
1400	Synthesis of chemically modified bioactive peptides: recent advances, challenges and developments for medicinal chemistry. <b>2009</b> , 1, 1289-310	56

1399	Interaction of macrolide antibiotics with intestinally expressed human and rat organic anion-transporting polypeptides. <b>2009</b> , 37, 2375-82	39
1398	New small-molecule inhibitor class targeting human immunodeficiency virus type 1 virion maturation. <b>2009</b> , 53, 5080-7	45
1397	High-throughput screening for small-molecule inhibitors of LARG-stimulated RhoA nucleotide binding via a novel fluorescence polarization assay. <b>2009</b> , 14, 161-72	38
1396	High-performance drug discovery: computational screening by combining docking and molecular dynamics simulations. <b>2009</b> , 5, e1000528	109
1395	A Method for Identifying Small-Molecule Aggregators Using Photonic Crystal Biosensor Microplates. <b>2009</b> , 14, 348-359	15
1394	Salicylic acid transport in Ricinus communis involves a pH-dependent carrier system in addition to diffusion. <b>2009</b> , 150, 2081-91	48
1393	Midinfrared extinction spectra of submicron carbohydrate particles generated by a pneumatic atomizer. <b>2009</b> , 113, 4686-90	8
1392	Hybrid drugs for malaria. <b>2009</b> , 15, 2970-85	124
1391	Bioavailability of flavonoids: a review of their membrane transport and the function of bilitranslocase in animal and plant organisms. <b>2009</b> , 10, 369-94	138
1390	Therapies for coronaviruses. Part I of II viral entry inhibitors. <b>2009</b> , 19, 357-67	15
1389	Oxidative stress and mitochondrial dysfunction in atherosclerosis: mitochondria-targeted antioxidants as potential therapy. <b>2009</b> , 16, 4654-67	115
1388	Customizing G Protein-coupled receptor models for structure-based virtual screening. <b>2009</b> , 15, 4026-48	62
1387	Stabilizers of the Max homodimer identified in virtual ligand screening inhibit Myc function. <b>2009</b> , 76, 491-502	47
1386	Fragment library screening and lead characterization using SPR biosensors. <b>2009</b> , 9, 1725-35	64
1385	Powerful partners: Arabidopsis and chemical genomics. <b>2009</b> , 7, e0109	37
1384	Antifungal drug discovery through the study of invertebrate model hosts. <b>2009</b> , 16, 1588-95	34
1383	Successful structure-based design of recent p38 MAP kinase inhibitors. <b>2009</b> , 9, 655-76	37
1382	The identification, characterization and optimization of small molecule probes of cysteine proteases: experiences of the Penn Center for Molecular Discovery with cathepsin B and cathepsin L. <b>2009</b> , 9, 1206-16	6

1381	Enhancing search space diversity in multi-objective evolutionary drug molecule design using niching. <b>2009</b> ,	10
1380	Estimating the Lipophilicity of Natural Products using a Polymeric Reversed Phase HPLC Method. <b>2009</b> , 33, 118-132	9
1379	High content screening identifies decaprenyl-phosphoribose 2' epimerase as a target for intracellular antimycobacterial inhibitors. <b>2009</b> , 5, e1000645	216
1378	Amelioration of renal ischaemia-reperfusion injury by synthetic oligopeptides related to human chorionic gonadotropin. <b>2009</b> , 24, 2701-8	25
1377	Overcoming problems of compound storage in DMSO: solvent and process alternatives. <b>2009</b> , 14, 708-15	25
1376	QSPR studies on aqueous solubilities of drug-like compounds. <b>2009</b> , 10, 2558-77	40
1375	SuperSite: dictionary of metabolite and drug binding sites in proteins. <b>2009</b> , 37, D195-200	24
1374	Properties and identification of human protein drug targets. <b>2009</b> , 25, 451-7	201
1373	The synthetic elicitor 3,5-dichloroanthranilic acid induces NPR1-dependent and NPR1-independent mechanisms of disease resistance in Arabidopsis. <b>2009</b> , 150, 333-47	67
1372	Classification of cytochrome P450 1A2 inhibitors and noninhibitors by machine learning techniques. <b>2009</b> , 37, 658-64	81
1371	Kinetic and cellular characterization of novel inhibitors of S-nitrosoglutathione reductase. <b>2009</b> , 284, 24354-62	58
1370	MMsINC: a large-scale chemoinformatics database. <b>2009</b> , 37, D284-90	58
1369	SuperToxic: a comprehensive database of toxic compounds. <b>2009</b> , 37, D295-9	59
1368	In silico toxicology for the pharmaceutical sciences. <b>2009</b> , 241, 356-70	201
1367	Structure-based design of molecular cancer therapeutics. <b>2009</b> , 27, 315-28	57
1366	High-throughput screening for inhibitors of Mycobacterium tuberculosis H37Rv. <b>2009</b> , 89, 334-53	217
1365	Nucleic acid delivery with chitosan and its derivatives. <b>2009</b> , 134, 158-68	194
1364	Physiochemical property space distribution among human metabolites, drugs and toxins. <b>2009</b> , 10 Suppl 15, S10	43

1363	perspective. <b>2009</b> , 9 Suppl 1, S1	45
1362	Characteristics of compounds that cross the blood-brain barrier. <b>2009</b> , 9 Suppl 1, S3	378
1361	Predicting druggable binding sites at the protein-protein interface. <b>2009</b> , 14, 155-61	230
1360	From fragment to clinical candidatea historical perspective. <b>2009</b> , 14, 668-75	186
1359	The impact of aromatic ring count on compound developabilityare too many aromatic rings a liability in drug design?. <b>2009</b> , 14, 1011-20	512
1358	In silico screening of small molecule libraries using the dengue virus envelope E protein has identified compounds with antiviral activity against multiple flaviviruses. <b>2009</b> , 84, 234-41	78
1357	Trypanosoma cruzi: antiproliferative effect of indole phytoalexins on intracellular amastigotes in vitro. <b>2009</b> , 122, 66-9	32
1356	An in vitro screening cascade to identify neuroprotective antioxidants in ALS. <b>2009</b> , 46, 1127-38	70
1355	Preparation of drug nanocrystals by controlled crystallization: application of a 3-way nozzle to prevent premature crystallization for large scale production. <b>2009</b> , 38, 224-9	34
1354	Evaluation of intestinal absorption enhancement and local mucosal toxicity of two promoters. I. Studies in isolated rat and human colonic mucosae. <b>2009</b> , 38, 291-300	42
1353	Development of Small-Molecule Ligands and Inhibitors. 115-147	
1352	Quantitative structureEctivity relationship (QSAR) of artemisinin: the development of predictive in vivo antimalarial activity models. <b>2009</b> , 23, 618-635	6
1351	A cytotoxic ruthenium tris(bipyridyl) complex that accumulates at plasma membranes. 2009, 10, 1796-800	77
1350	Improved tricyclic inhibitors of trypanothione reductase by screening and chemical synthesis. <b>2009</b> , 4, 1333-40	58
1349	2,3-Dihydro-1-benzofuran derivatives as a series of potent selective cannabinoid receptor 2 agonists: design, synthesis, and binding mode prediction through ligand-steered modeling. <b>2009</b> , 4, 1615-29	57
1348	Simple vertebrate models for chemical genetics and drug discovery screens: lessons from zebrafish and Xenopus. <b>2009</b> , 238, 1287-308	135
1347	Application of quantitative structure-activity relationships for modeling drug and chemical transport across the human placenta barrier: a multivariate data analysis approach. <b>2009</b> , 29, 724-33	41
1346	Toward accurate relative energy predictions of the bioactive conformation of drugs. <b>2009</b> , 30, 601-10	73

1345	QM/QM docking method based on the variational finite localized molecular orbital approximation. <b>2009</b> , 30, 784-98	11
1344	Solubility enhancement of a poorly water-soluble anti-malarial drug: experimental design and use of a modified multifluid nozzle pilot spray drier. <b>2009</b> , 98, 281-96	24
1343	Ionization-specific prediction of blood-brain permeability. <b>2009</b> , 98, 122-34	47
1342	Ordered mesoporous silica material SBA-15: a broad-spectrum formulation platform for poorly soluble drugs. <b>2009</b> , 98, 2648-58	212
1341	Correlation between in vitro dissolution profiles from enteric-coated dosage forms and in vivo absorption in rats for high-solubility and high-permeability model drugs. <b>2009</b> , 98, 4141-52	6
1340	Recent advances in physicochemical and ADMET profiling in drug discovery. <b>2009</b> , 6, 1887-99	36
1339	In-silico screening of new potential Bcl-2/Bcl-xl inhibitors as apoptosis modulators. <b>2009</b> , 15, 349-55	15
1338	Synthesis of some urea and thiourea derivatives of 3-phenyl/ethyl-2-thioxo-2,3-dihydrothiazolo[4,5-d]pyrimidine and their antagonistic effects on haloperidol-induced catalepsy and oxidative stress in mice. <b>2009</b> , 44, 3889-97	33
1337	Synthesis and antiviral activity of beta-carboline derivatives bearing a substituted carbohydrazide at C-3 against poliovirus and herpes simplex virus (HSV-1). <b>2009</b> , 44, 4695-701	50
1336	VSDMIP: virtual screening data management on an integrated platform. <b>2009</b> , 23, 171-84	19
1336 1335	VSDMIP: virtual screening data management on an integrated platform. <b>2009</b> , 23, 171-84  Structural models in the assessment of protein druggability based on HTS data. <b>2009</b> , 23, 583-92	19
1335	Structural models in the assessment of protein druggability based on HTS data. <b>2009</b> , 23, 583-92  Virtual fragment screening: an exploration of various docking and scoring protocols for fragments	17
1335 1334	Structural models in the assessment of protein druggability based on HTS data. <b>2009</b> , 23, 583-92  Virtual fragment screening: an exploration of various docking and scoring protocols for fragments using Glide. <b>2009</b> , 23, 527-39	17 67
1335 1334 1333	Structural models in the assessment of protein druggability based on HTS data. <b>2009</b> , 23, 583-92  Virtual fragment screening: an exploration of various docking and scoring protocols for fragments using Glide. <b>2009</b> , 23, 527-39  Second-generation de novo design: a view from a medicinal chemist perspective. <b>2009</b> , 23, 593-602	17 67 25
1335 1334 1333 1332	Structural models in the assessment of protein druggability based on HTS data. 2009, 23, 583-92  Virtual fragment screening: an exploration of various docking and scoring protocols for fragments using Glide. 2009, 23, 527-39  Second-generation de novo design: a view from a medicinal chemist perspective. 2009, 23, 593-602  Comparative virtual screening and novelty detection for NMDA-GlycineB antagonists. 2009, 23, 869-81  Achievement of pH-independence of poorly-soluble, ionizable loratadine by inclusion complex	17 67 25 22
1335 1334 1333 1332	Structural models in the assessment of protein druggability based on HTS data. 2009, 23, 583-92  Virtual fragment screening: an exploration of various docking and scoring protocols for fragments using Glide. 2009, 23, 527-39  Second-generation de novo design: a view from a medicinal chemist perspective. 2009, 23, 593-602  Comparative virtual screening and novelty detection for NMDA-GlycineB antagonists. 2009, 23, 869-81  Achievement of pH-independence of poorly-soluble, ionizable loratadine by inclusion complex formation with dimethyl-#cyclodextrin. 2009, 64, 249-254	17 67 25 22 16

1327	of drug supersaturation in the GI milieu. <b>2009</b> , 26, 1419-31	233
1326	Nitrones for understanding and ameliorating the oxidative stress associated with aging. <b>2009</b> , 31, 269-76	10
1325	Computational pharmacology study of tougu xiaotong granule in preventing and treating knee osteoarthritis. <b>2009</b> , 15, 371-6	12
1324	Studies on the formation of hydrophobic ion-pairing complex of alendronate. <b>2009</b> , 32, 1055-60	14
1323	Exploratory population pharmacokinetics (e-PPK) analysis for predicting human PK using exploratory ADME data during early drug discovery research. <b>2009</b> , 34, 117-28	8
1322	On the relationship between drug's size, cell membrane mechanical properties and high levels of multi drug resistance: a comparison to published data. <b>2009</b> , 38, 537-46	30
1321	Toward a mechanical control of drug delivery. On the relationship between Lipinski's 2nd rule and cytosolic pH changes in doxorubicin resistance levels in cancer cells: a comparison to published data. <b>2009</b> , 38, 829-46	34
1320	Acute Toxicity of Substituted 2-(1H-pyrazol-1-yl)acetanilides and Related Commercially Available Local Anesthetics Toward Mice. A GRIND/ALMOND-Based 3-D QSAR Study. <b>2009</b> , 28, 206-217	1
1319	Understanding the Aquatic Toxicity of Pesticide: Structure-Activity Relationship and Molecular Descriptors to Distinguish the Ratings of Toxicity. <b>2009</b> , 28, 1418-1431	18
1318	Evaluation of molecular descriptors for antitumor drugs with respect to noncovalent binding to DNA and antiproliferative activity. <b>2009</b> , 9, 11	17
1317	Incorporating QSPR in the enumeration of fragment space. <b>2009</b> , 3,	
1316	Quantitative assessment of the expanding complementarity between public and commercial databases of bioactive compounds. <b>2009</b> , 1, 10	49
1315	Virtual screening of bioassay data. <b>2009</b> , 1, 21	62
1314	Bioavailability of veterinary drugs in vivo and in silico. <b>2009</b> , 32, 249-57	14
1313	Capsule anchoring in Bacillus anthracis occurs by a transpeptidation reaction that is inhibited by capsidin. <b>2009</b> , 71, 404-20	54
1312	Screening and evaluation of new inhibitors of hepatic glucose production. <b>2009</b> , 62, 625-9	12
1311	The genome of the blood fluke Schistosoma mansoni. <b>2009</b> , 460, 352-8	822
1310	The rise of fragment-based drug discovery. <b>2009</b> , 1, 187-92	503

1309	Identification of a chemical probe for NAADP by virtual screening. <b>2009</b> , 5, 220-6	245
1308	Interactive exploration of chemical space with Scaffold Hunter. <b>2009</b> , 5, 581-3	180
1307	Synthetic EthR inhibitors boost antituberculous activity of ethionamide. <b>2009</b> , 15, 537-44	134
1306	Cancer prevention by tea: animal studies, molecular mechanisms and human relevance. <b>2009</b> , 9, 429-39	847
1305	The influence of lead discovery strategies on the properties of drug candidates. <b>2009</b> , 8, 203-12	466
1304	From carbohydrate leads to glycomimetic drugs. <b>2009</b> , 8, 661-77	565
1303	Targeting protein kinases in central nervous system disorders. <b>2009</b> , 8, 892-909	201
1302	Identification of (1H)-pyrroles as histone deacetylase inhibitors with antitumoral activity. <b>2009</b> , 28, 1477-84	19
1301	A novel inhibitor of indole-3-glycerol phosphate synthase with activity against multidrug-resistant Mycobacterium tuberculosis. <b>2009</b> , 276, 144-54	21
1300	AutoGrow: a novel algorithm for protein inhibitor design. <b>2009</b> , 73, 168-78	70
1200	Structural features of mammalian histidine decarboxylase reveal the basis for specific inhibition.	26
1299	<b>2009</b> , 157, 4-13	
1299		17
	2009, 157, 4-13  Proof-of-concept study on the suitability of 13C-urea as a marker substance for assessment of in	
1298	2009, 157, 4-13  Proof-of-concept study on the suitability of 13C-urea as a marker substance for assessment of in vivo behaviour of oral colon-targeted dosage forms. 2009, 158, 532-40	17
1298	Proof-of-concept study on the suitability of 13C-urea as a marker substance for assessment of in vivo behaviour of oral colon-targeted dosage forms. 2009, 158, 532-40  Subtype-selective targeting of voltage-gated sodium channels. 2009, 158, 1413-25  ESR studies on the influence of physiological dissolution and digestion media on the lipid phase	17 79
1298 1297 1296	Proof-of-concept study on the suitability of 13C-urea as a marker substance for assessment of in vivo behaviour of oral colon-targeted dosage forms. 2009, 158, 532-40  Subtype-selective targeting of voltage-gated sodium channels. 2009, 158, 1413-25  ESR studies on the influence of physiological dissolution and digestion media on the lipid phase characteristics of SEDDS and SEDDS pellets. 2009, 367, 29-36	17 79 13
1298 1297 1296 1295	Proof-of-concept study on the suitability of 13C-urea as a marker substance for assessment of in vivo behaviour of oral colon-targeted dosage forms. 2009, 158, 532-40  Subtype-selective targeting of voltage-gated sodium channels. 2009, 158, 1413-25  ESR studies on the influence of physiological dissolution and digestion media on the lipid phase characteristics of SEDDS and SEDDS pellets. 2009, 367, 29-36  Use of (1)H NMR to facilitate solubility measurement for drug discovery compounds. 2009, 369, 47-52  Transdermal drug pharmacokinetics in man: Interindividual variability and partial prediction. 2009,	17 79 13 23

1291	Quantitative structure-activity relationship (QSAR) methodology in forensic toxicology: modeling postmortem redistribution of structurally diverse drugs using multivariate statistics. <b>2009</b> , 190, 9-15	15
1290	Towards in-house searching of Markush structures from patents. <b>2009</b> , 31, 97-103	19
1289	The influences of the structure and activity of biologically active compounds on the assessment of inventive step. <b>2009</b> , 31, 226-234	3
1288	Atypical calcium coordination number: Physicochemical study, cytotoxicity, DFT calculations and in silico pharmacokinetic characteristics of calcium caffeates. <b>2009</b> , 103, 1189-95	17
1287	Purification of drugs from biological fluids by counter-current chromatography. <b>2009</b> , 1216, 6162-9	5
1286	Classification models for CYP450 3A4 inhibitors and non-inhibitors. <b>2009</b> , 44, 2354-60	21
1285	Synthesis, pharmacological evaluation and docking studies of new sulindac analogues. <b>2009</b> , 44, 1959-71	7
1284	Antinociceptive properties of caffeic acid derivatives in mice. <b>2009</b> , 44, 4596-602	38
1283	A road less traveled by: exploring a decade of Ellman chemistry. <b>2009</b> , 17, 1088-93	3
1282	Synthesis, antichagasic in vitro evaluation, cytotoxicity assays, molecular modeling and SAR/QSAR studies of a 2-phenyl-3-(1-phenyl-1H-pyrazol-4-yl)-acrylic acid benzylidene-carbohydrazide series. <b>2009</b> , 17, 295-302	63
1281	Selective small molecule inhibitors of the potential breast cancer marker, human arylamine N-acetyltransferase 1, and its murine homologue, mouse arylamine N-acetyltransferase 2. <b>2009</b> , 17, 905-18	67
1280	Synthesis, antiplatelet and in silico evaluations of novel N-substituted-phenylamino-5-methyl-1H-1,2,3-triazole-4-carbohydrazides. <b>2009</b> , 17, 3713-9	68
1279	A library of novel allosteric inhibitors against fructose 1,6-bisphosphatase. <b>2009</b> , 17, 3916-22	74
1278	Glycogen phosphorylase inhibitory effects of 2-oxo-1,2-dihydropyridin-3-yl amide derivatives. <b>2009</b> , 17, 4724-33	8
1277	The marine natural-derived inhibitors of glycogen synthase kinase-3beta phenylmethylene hydantoins: In vitro and in vivo activities and pharmacophore modeling. <b>2009</b> , 17, 6032-9	41
1276	Discovery and structure-activity relationship analysis of Staphylococcus aureus sortase A inhibitors. <b>2009</b> , 17, 7174-85	80
1275	5-Vinyl-3-pyridinecarbonitrile inhibitors of PKCtheta: optimization of enzymatic and functional activity. <b>2009</b> , 17, 7933-48	22
1274	Salicylate-urea-based soluble epoxide hydrolase inhibitors with high metabolic and chemical stabilities. <b>2009</b> , 19, 1784-9	19

1273	Identification and SAR of novel diaminopyrimidines. Part 1: The discovery of RO-4, a dual P2X(3)/P2X(2/3) antagonist for the treatment of pain. <b>2009</b> , 19, 1628-31	52
1272	Synthesis and in vitro DMPK profiling of a 1,2-dioxolane-based library with activity against Plasmodium falciparum. <b>2009</b> , 19, 5657-60	8
1271	Pyrazole NNRTIs 1: design and initial optimisation of a novel template. <b>2009</b> , 19, 5599-602	23
1270	A fluorescence quenching assay to discriminate between specific and nonspecific inhibitors of dengue virus protease. <b>2009</b> , 395, 195-204	79
1269	Novel chemical space exploration via natural products. <b>2009</b> , 52, 1953-62	215
1268	Oral bioavailability enhancement of exemestane from self-microemulsifying drug delivery system (SMEDDS). <b>2009</b> , 10, 906-16	97
1267	Network and pathway analysis of compound-protein interactions. <b>2009</b> , 575, 225-47	16
1266	High-throughput system for determining dissolution kinetics of inclusion bodies. <b>2009</b> , 4, 722-9	10
1265	The discovery of antibacterial agents using diversity-oriented synthesis. <b>2009</b> , 2446-62	100
1264	Prodrugs of thyrotropin-releasing hormone and related peptides as central nervous system agents. <b>2009</b> , 14, 633-54	16
1263	Identification of novel non-hydroxamate anthrax toxin lethal factor inhibitors by topomeric searching, docking and scoring, and in vitro screening. <b>2009</b> , 49, 2726-34	21
1262	Exploiting structural analysis, in silico screening, and serendipity to identify novel inhibitors of drug-resistant falciparum malaria. <b>2009</b> , 4, 29-40	48
1261	Efficient drug lead discovery and optimization. <b>2009</b> , 42, 724-33	487
1260	Polymeric Carriers for Anticancer Drugs. <b>2009</b> , 207-243	
1259	Safety and efficacy of sodium caprate in promoting oral drug absorption: from in vitro to the clinic.  Advanced Drug Delivery Reviews, 2009, 61, 1427-49	162
1258	Extraction and analysis of chemical modification patterns in drug development. <b>2009</b> , 49, 1122-9	11
1257	Imidazoquines as antimalarial and antipneumocystis agents. <b>2009</b> , 52, 7800-7	32
1256	Structure-based ligand design and the promise held for antiprotozoan drug discovery. <b>2009</b> , 284, 11749-53	40

1255	Biogenic synthesis, purification, and chemical characterization of anti-inflammatory resolvins derived from docosapentaenoic acid (DPAn-6). <b>2009</b> , 284, 14744-59	56
1254	Hybrid structure-based virtual screening protocol for the identification of novel BACE1 inhibitors. <b>2009</b> , 49, 647-57	24
1253	Polysubstituted pyridazinones from sequential nucleophilic substitution reactions of tetrafluoropyridazine. <b>2009</b> , 74, 5533-40	20
1252	Discovery of human macrophage migration inhibitory factor (MIF)-CD74 antagonists via virtual screening. <b>2009</b> , 52, 416-24	106
1251	N-(4-(4-(2,3-dichloro- or 2-methoxyphenyl)piperazin-1-yl)butyl)heterobiarylcarboxamides with functionalized linking chains as high affinity and enantioselective D3 receptor antagonists. <b>2009</b> , 52, 2559-70	73
1250	Inhibition of MDR1 activity in vitro by a novel class of diltiazem analogues: toward new candidates. <b>2009</b> , 52, 259-66	30
1249	Antioxidant activity of the dihydrochalcones Aspalathin and Nothofagin and their corresponding flavones in relation to other Rooibos (Aspalathus linearis) Flavonoids, Epigallocatechin Gallate, and Trolox. <b>2009</b> , 57, 6678-84	107
1248	Bayesian model averaging for ligand discovery. <b>2009</b> , 49, 1547-57	11
1247	Discovery of specific flavodoxin inhibitors as potential therapeutic agents against Helicobacter pylori infection. <b>2009</b> , 4, 928-38	39
1246	Quantitative structure-activity relationship (QSAR) for insecticides: development of predictive in vivo insecticide activity models. <b>2009</b> , 20, 551-66	13
1245	Streamlining hit discovery and optimization with a yoctoliter scale DNA reactor. 2009, 4, 1201-13	11
1244	Facile solubilization of organochalcogen compounds in mixed micelle formation of binary and ternary cationic-nonionic surfactant mixtures. <b>2009</b> , 113, 7188-93	19
1243	Multiple independent binding sites for small-molecule inhibitors on the oncoprotein c-Myc. <b>2009</b> , 131, 7390-401	171
1242	Pharmaceutical Perspectives of Cancer Therapeutics. 2009,	11
1241	Hit finding: towards 'smarter' approaches. <b>2009</b> , 9, 589-93	21
1240	Biosimilarsscience, status, and strategic perspective. <b>2009</b> , 72, 479-86	59
1239	The blood-brain barrier in brain homeostasis and neurological diseases. <b>2009</b> , 1788, 842-57	475
1238	Apolipoprotein E peptide-modified colloidal carriers: the design determines the mechanism of uptake in vascular endothelial cells. <b>2009</b> , 1788, 442-9	23

1237	A regulatory role for protease-activated receptor-2 in motivational learning in rats. <b>2009</b> , 92, 301-9	16
1236	The influence of host-guest inclusion complex formation on the biotransformation of cortisone acetate Delta(1)-dehydrogenation. <b>2009</b> , 117, 146-51	22
1235	Binding of a noncovalent inhibitor exploiting the S' region stabilizes the hepatitis C virus NS3 protease conformation in the absence of cofactor. <b>2009</b> , 385, 1142-55	11
1234	Crystallographic and cellular characterisation of two mechanisms stabilising the native fold of alpha1-antitrypsin: implications for disease and drug design. <b>2009</b> , 387, 857-68	33
1233	Structural genomics approach to drug discovery for Mycobacterium tuberculosis. <b>2009</b> , 12, 318-25	26
1232	Structure-based virtual ligand screening: recent success stories. <b>2009</b> , 12, 1000-16	101
1231	Discovery of a novel class of potent coumarin monoamine oxidase B inhibitors: development and biopharmacological profiling of 7-[(3-chlorobenzyl)oxy]-4-[(methylamino)methyl]-2H-chromen-2-one methanesulfonate (NW-1772) as a highly potent, selective, reversible, and orally active monoamine oxidase B inhibitor. <b>2009</b> , 52, 6685-706	83
1230	Targeting ketone drugs towards transport by the intestinal peptide transporter, PepT1. <b>2009</b> , 7, 1064-7	13
1229	Ligand-based targeted therapy for cancer tissue. <b>2009</b> , 6, 285-304	154
1228	1,3-Dipolar cycloadditions: applications to the synthesis of antiviral agents. <b>2009</b> , 7, 4567-81	120
1227	1-alkyl-8-(piperazine-1-sulfonyl)phenylxanthines: development and characterization of adenosine A2B receptor antagonists and a new radioligand with subnanomolar affinity and subtype specificity. <b>2009</b> , 52, 3994-4006	125
1226	Effect of surfactant mixing on partitioning of model hydrophobic drug, naproxen, between aqueous and micellar phases. <b>2009</b> , 113, 997-1006	88
1225	Overview of computational methods employed in early-stage drug discovery. 2009, 1, 49-63	8
1224	Rhodanineacetic acid derivatives as potential drugs: preparation, hydrophobic properties and antifungal activity of (5-arylalkylidene-4-oxo-2-thioxo-1,3-thiazolidin-3-yl)acetic acids. <b>2009</b> , 14, 4197-212	37
1223	Medicinal chemistry by the numbers: the physicochemistry, thermodynamics and kinetics of modern drug design. <b>2009</b> , 48, 1-29	32
1222	Directed discovery of agents targeting the Met tyrosine kinase domain by virtual screening. <b>2009</b> , 52, 943-51	54
1221	The acid-base profile of a contemporary set of drugs: implications for drug discovery. <b>2009</b> , 20, 611-55	56
1220	Fragment-Based Drug Discovery in Academia: Experiences From a Tuberculosis Programme. <b>2009</b> , 21-36	3

1219	Recent progress towards development of effective systemic chemotherapy for the treatment of malignant brain tumors. <b>2009</b> , 7, 77	61
1218	Perfluorinated Heteroaromatic Systems as Scaffolds for Drug Discovery. 291-311	1
1217	Natural Products as a Foundation for Drug Discovery. <b>2009</b> , 46, 9.11.1-9.11.21	128
1216	Aqueous solubility prediction based on weighted atom type counts and solvent accessible surface areas. <b>2009</b> , 49, 571-81	48
1215	Chemoinformatic analysis of combinatorial libraries, drugs, natural products, and molecular libraries small molecule repository. <b>2009</b> , 49, 1010-24	131
1214	Binding site detection and druggability index from first principles. <b>2009</b> , 52, 2363-71	173
1213	From Molecules to Medicines. 2009,	
1212	Promiscuous aggregate-based inhibitors promote enzyme unfolding. <b>2009</b> , 52, 2067-75	163
1211	Bioconjugate-based molecular umbrellas. <b>2009</b> , 20, 183-92	57
1210	Structure and organization of drug-target networks: insights from genomic approaches for drug discovery. <b>2009</b> , 5, 1536-48	82
1209	Greener pharmaceuticals. <b>2009</b> , 1, 409-13	1
1208	Design, synthesis, and insecticidal activities of new N-benzoyl-N'-phenyl-N'-sulfenylureas. <b>2009</b> , 57, 3661-8	29
1207	Integration of Physical, Chemical, Mechanical, and Biopharmaceutical Properties in Solid Oral Dosage Form Development. <b>2009</b> , 407-441	7
1206	Chemogenomics. 2009,	3
1205	Bibliography. <b>2009</b> , 1-241	1
1204	High-throughput and in silico screenings in drug discovery. <b>2009</b> , 4, 947-59	61
1203	Docking for fragment inhibitors of AmpC beta-lactamase. <b>2009</b> , 106, 7455-60	87
1202	One-pot, three-component, domino Heck-aza-Michael approach to libraries of functionalized 1,1-dioxido-1,2-benzisothiazoline-3-acetic acids. <b>2009</b> , 11, 732-8	27

1201	Trypanothione reductase high-throughput screening campaign identifies novel classes of inhibitors with antiparasitic activity. <b>2009</b> , 53, 2824-33	53
1200	Computations of Absolute Solvation Free Energies of Small Molecules Using Explicit and Implicit Solvent Model. <b>2009</b> , 5, 919-30	125
1199	Solution-phase parallel synthesis of a multi-substituted benzo[b]thiophene library. 2009, 11, 900-6	50
1198	Advances in Nuclear Magnetic Resonance for Drug Discovery. <b>2009</b> , 4, 1077-1098	35
1197	Evaluating the performances of quantitative structure-retention relationship models with different sets of molecular descriptors and databases for high-performance liquid chromatography predictions. <b>2009</b> , 1216, 5030-8	21
1196	Tic hydantoin sigma-1 agonist: pharmacological characterization on cocaine-induced stimulant and appetitive effects. <b>2009</b> , 19, 504-15	8
1195	Alzheimer's disease drug development and the problem of the blood-brain barrier. <b>2009</b> , 5, 427-32	123
1194	Beyond picomolar affinities: quantitative aspects of noncovalent and covalent binding of drugs to proteins. <b>2009</b> , 52, 225-33	135
1193	Drug discovery using chemical systems biology: repositioning the safe medicine Comtan to treat multi-drug and extensively drug resistant tuberculosis. <b>2009</b> , 5, e1000423	234
1192	The in vitro transport of model thiodipeptide prodrugs designed to target the intestinal oligopeptide transporter, PepT1. <b>2009</b> , 7, 3652-6	18
1191	Virtual screening against alpha-cobratoxin. <b>2009</b> , 14, 1109-18	17
1190	Highly substituted indole library synthesis by palladium-catalyzed coupling reactions in solution and on a solid support. <b>2009</b> , 11, 875-9	23
1189	A rationally designed histone deacetylase inhibitor with distinct antitumor activity against ovarian cancer. <b>2009</b> , 11, 552-63, 3 p following 563	45
1188	Absorption of montelukast is transporter mediated: a common variant of OATP2B1 is associated with reduced plasma concentrations and poor response. <b>2009</b> , 19, 129-38	142
1187	Synthetic oligopeptides related to the [beta]-subunit of human chorionic gonadotropin attenuate inflammation and liver damage after (trauma) hemorrhagic shock and resuscitation. <b>2009</b> , 31, 285-91	32
1186	Differential uptake and selective permeability of fusarochromanone (FC101), a novel membrane permeable anticancer naturally fluorescent compound in tumor and normal cells. <b>2009</b> , 15, 545-57	4
1185	Introduction. <b>2009</b> , 1-67	
1184	"Soft"or "hard" ionisation? Investigation of metastable gas temperature effect on direct analysis in real-time analysis of Voriconazole. <b>2009</b> , 15, 587-93	10

1183 Pharmaceutics Developability Assessment. 185-217

1182 Protein-protein interaction inhibition (2P2I): fewer and fewer undruggable targets. <b>2009</b> , 12, 968-83	11
Start small and stay small. Minimizing attrition in the clinic with a focus on CNS therapeutics. <b>2009</b> , 9, 1688-704	6
$_{ m 1180}$ Pregnane X receptor and its potential role in drug resistance in cancer treatment. <b>2009</b> , 4, 19-27	27
Exploring novel target space: a need to partner high throughput docking and ligand-based similarity searches?. <b>2009</b> , 12, 984-99	6
Design, synthesis and biological evaluation of a library of thiocarbazates and their activity as cysteine protease inhibitors. <b>2010</b> , 13, 337-51	4
1177 Mitochondria-targeted antioxidant peptides. <b>2010</b> , 16, 3124-31	67
A universal, fully automated high throughput screening assay for pyrophosphate and phosphate release from enzymatic reactions. <b>2010</b> , 13, 27-38	17
Two-dimensional (2D) in silico models for absorption, distribution, metabolism, excretion and toxicity (ADME/T) in drug discovery. <b>2010</b> , 10, 116-26	22
1174 Receptor Targets in Drug Discovery. <b>2010</b> , 499-548	
1173 [Fragment-based drug discovery: concept and aim]. <b>2010</b> , 130, 315-23	3
1172 In Silico Methods for the Analysis of Metabolites and Drug Molecules. <b>2010</b> , 361-381	
Discovery of novel influenza inhibitors targeting the interaction of dsRNA with the NS1 protein by structure-based virtual screening. <b>2010</b> , 6, 449-60	6
1170 Table of periodic properties of human immunodeficiency virus inhibitors. <b>2010</b> , 1, 246	1
1169 Kojic acid derivatives as histamine H(3) receptor ligands. <b>2010</b> , 58, 1353-61	27
1168 Role of Preformulation in Development of Solid Dosage Forms. <b>2010</b> , 1	
Prediction of Aqueous Solubility of Drug-Like Compounds by Using an Artificial Neural Network and Least-Squares Support Vector Machine. <b>2010</b> , 83, 1338-1345	9
Applicability of QSAR analysis to the evaluation of the toxicological relevance of metabolites and degradates of pesticide active substances for dietary risk assessment. <b>2010</b> , 7, 50E	6

1165	Controlled crystallization of the lipophilic drug fenofibrate during freeze-drying: elucidation of the mechanism by in-line Raman spectroscopy. <b>2010</b> , 12, 569-75	27
1164	Solid dispersion as an approach for bioavailability enhancement of poorly water-soluble drug ritonavir. <b>2010</b> , 11, 518-27	132
1163	Poly(L-lysine) as a model drug macromolecule with which to investigate secondary structure and microporous membrane transport, part 2: diffusion studies. <b>2002</b> , 54, 1497-505	17
1162	Poly(L-lysine) as a model drug macromolecule with which to investigate secondary structure and membrane transport, part I: Physicochemical and stability studies. <b>2002</b> , 54, 315-23	30
1161	Quantitative structure-activity relationship (QSAR) analysis of cationic complexes of heart perfusion imaging agents and subsequent proposition of two different uptake mechanisms. <b>2003</b> , 55, 505-11	3
1160	The use of biopharmaceutic classification of drugs in drug discovery and development: current status and future extension. <b>2005</b> , 57, 273-85	134
1159	Prediction of human pharmacokineticsgastrointestinal absorption. <b>2007</b> , 59, 905-16	68
1158	An evaluation of the relative roles of the unstirred water layer and receptor sink in limiting the in-vitro intestinal permeability of drug compounds of varying lipophilicity. <b>2010</b> , 60, 1311-1319	12
1157	Prediction of human pharmacokinetics-biliary and intestinal clearance and enterohepatic circulation. <b>2008</b> , 60, 535-42	41
1156	Dissolution of artemisinin/polymer composite nanoparticles fabricated by evaporative precipitation of nanosuspension. <b>2010</b> , 62, 413-21	23
1155	The application of molecular structural predictors of intestinal absorption to screening of compounds for transdermal penetration. <b>2010</b> , 62, 750-5	8
1154	Methods for combinatorial and parallel library design. <b>2011</b> , 672, 387-434	4
1153	Fragment descriptors in structure-property modeling and virtual screening. <b>2011</b> , 672, 213-43	6
1152	Intracellular transduction using cell-penetrating peptides. <b>2010</b> , 6, 628-40	110
1151	Molecular shape and medicinal chemistry: a perspective. <b>2010</b> , 53, 3862-86	237
1150	Design, Synthesis, and in Vitro Evaluation of Novel Aminomethyl-pyridines as DPP-4 Inhibitors. <b>2010</b> , 1, 530-5	14
1149	Exploring #-Nicotinic Receptor Ligand Diversity by Scaffold Enumeration from the Chemical Universe Database GDB. <b>2010</b> , 1, 422-6	26
1148	Integration of small-molecule discovery in academic biomedical research. <b>2010</b> , 77, 350-7	19

# (2010-2010)

1147	Exploration of novel 2-alkylimino-1,3-thiazolines: T-type calcium channel inhibitory activity. <b>2010</b> , 12, 518-30	13
1146	Low-energy nanoemulsification to design veterinary controlled drug delivery devices. <b>2010</b> , 5, 867-73	33
1145	CoCoCo: a free suite of multiconformational chemical databases for high-throughput virtual screening purposes. <b>2010</b> , 6, 2122-8	53
1144	Microemulsions as drug delivery systems to improve the solubility and the bioavailability of poorly water-soluble drugs. <b>2010</b> , 7, 445-60	116
1143	Insilico studies of organosulfur-functional active compounds in garlic. <b>2010</b> , 36, 297-311	10
1142	Recent trends and some applications of isothermal titration calorimetry in biotechnology. <b>2010</b> , 5, 85-98	68
1141	Using genomics to develop novel antibacterial therapeutics. <b>2010</b> , 36, 340-8	6
1140	Structure-activity relationship study of betulinic acid, a novel and selective TGR5 agonist, and its synthetic derivatives: potential impact in diabetes. <b>2010</b> , 53, 178-90	159
1139	Selective acetylcholinesterase inhibitor activated by acetylcholinesterase releases an active chelator with neurorescuing and anti-amyloid activities. <b>2010</b> , 1, 737-46	39
1138	Quantitative structureproperty relationships of camptothecins in humans. <b>2010</b> , 65, 325-33	5
1137	On a biophysical and mathematical model of Pgp-mediated multidrug resistance: understanding the "space-time" dimension of MDR. <b>2010</b> , 39, 201-11	16
1136	Pharmacophores modeling in terms of prediction of theoretical physico-chemical properties and verification by experimental correlations of novel coumarin derivatives produced via Betti's protocol. <b>2010</b> , 45, 4370-8	72
1135	Synthesis and evaluation of novel stearoyl-CoA desaturase 1 inhibitors: 1'-{6-[5-(pyridin-3-ylmethyl)-1,3,4-oxadiazol-2-yl]pyridazin-3-yl}-3,4-dihydrospiro[chromene-2,4'-piperidine] analogs. <b>2010</b> , 45, 4788-96	28
1134	beta-Naphthoflavone analogs as potent and soluble aryl hydrocarbon receptor agonists: improvement of solubility by disruption of molecular planarity. <b>2010</b> , 18, 1194-203	33
1133	Copper-related diseases: From chemistry to molecular pathology. <b>2010</b> , 254, 876-889	171
1132	Pharmacophore and QSAR modeling of estrogen receptor beta ligands and subsequent validation and in silico search for new hits. <b>2010</b> , 28, 383-400	33
1131	Pharmacokinetics of anti-psoriatic fumaric acid esters in psoriasis patients. <b>2010</b> , 302, 531-8	55
1130	Probing ligand binding modes of Mycobacterium tuberculosis MurC ligase by molecular modeling, dynamics simulation and docking. <b>2010</b> , 16, 77-85	18

1129	Testing biological activity of model Maillard reaction products: studies on gastric smooth muscle tissues. <b>2010</b> , 38, 797-803	8
1128	Emerging trends at the interface of chemistry and biology: Applications to the design of human therapeutics. <b>2010</b> , 122, 97-107	
1127	Preparation and evaluation of poly(ethylene glycol)-poly(lactide) micelles as nanocarriers for oral delivery of cyclosporine a. <b>2010</b> , 5, 917-25	36
1126	Successful identification of key chemical structure modifications that lead to improved ADME profiles. <b>2010</b> , 24, 449-58	6
1125	Dependency of ligand free energy landscapes on charge parameters and solvent models. <b>2010</b> , 24, 699-712	6
1124	Small molecule correctors of F508del-CFTR discovered by structure-based virtual screening. <b>2010</b> , 24, 971-91	76
1123	BioCores: identification of a drug/natural product-based privileged structural motif for small-molecule lead discovery. <b>2010</b> , 14, 193-200	46
1122	Design of chemical libraries with potentially bioactive molecules applying a maximum common substructure concept. <b>2010</b> , 14, 401-8	55
1121	Understanding the behavior of amorphous pharmaceutical systems during dissolution. <b>2010</b> , 27, 608-18	352
1120	Predicting the effect of fed-state intestinal contents on drug dissolution. <b>2010</b> , 27, 2646-56	16
1119	Solubility advantage of amorphous pharmaceuticals: II. Application of quantitative thermodynamic relationships for prediction of solubility enhancement in structurally diverse insoluble pharmaceuticals. <b>2010</b> , 27, 2704-14	156
1118	GVSS: A High Throughput Drug Discovery Service of Avian Flu and Dengue Fever for EGEE and EUAsiaGrid. <b>2010</b> , 8, 529-541	8
1117	Oligoarginine-linked polymers as a new class of penetration enhancers. <b>2010</b> , 148, 187-96	30
1116	Comparative structural, kinetic and inhibitor studies of Trypanosoma brucei trypanothione reductase with T. cruzi. <b>2010</b> , 169, 12-9	45
1115	Approaches to transport therapeutic drugs across the blood-brain barrier to treat brain diseases. <b>2010</b> , 37, 48-57	589
1114	Identification of a better Homo sapiens Class II HDAC inhibitor through binding energy calculations and descriptor analysis. <b>2010</b> , 11 Suppl 7, S16	12
1113	Towards Robot Scientists for autonomous scientific discovery. <b>2010</b> , 2, 1	73
1112	(E,Z)-3-(3',5'-Dimethoxy-4'-hydroxy-benzylidene)-2-indolinone blocks mast cell degranulation. <b>2010</b> , 40, 143-7	13

1111	Pharmacokinetic screening of soluble epoxide hydrolase inhibitors in dogs. <b>2010</b> , 40, 222-38	66
1110	Prediction of the in vitro permeability determined in Caco-2 cells by using artificial neural networks. <b>2010</b> , 41, 107-17	44
1109	Codrug: an efficient approach for drug optimization. <b>2010</b> , 41, 571-88	63
1108	Visualizing the drug target landscape. <b>2010</b> , 15, 3-15	45
1107	Synthetic therapeutic peptides: science and market. <b>2010</b> , 15, 40-56	1014
1106	Evolving molecules using multi-objective optimization: applying to ADME/Tox. <b>2010</b> , 15, 451-60	68
1105	Getting physical in drug discovery: a contemporary perspective on solubility and hydrophobicity. <b>2010</b> , 15, 648-55	174
1104	The Drug Discovery Portal: a resource to enhance drug discovery from academia. <b>2010</b> , 15, 679-83	33
1103	When pharmaceutical companies publish large datasets: an abundance of riches or fool's gold?. <b>2010</b> , 15, 812-5	34
1102	Metabolism and biological production of resolvins derived from docosapentaenoic acid (DPAn-6). <b>2010</b> , 79, 251-60	22
1101	Uptake and elimination of perfluorinated phosphonic acids in the rat. <b>2010</b> , 29, 1319-29	31
1100	Synthesis and evaluation of bis-thiazolium salts as potential antimalarial drugs. <b>2010</b> , 5, 1102-9	5
1099	Pharmacokinetics and pharmacodynamics of some oximes and associated therapeutic consequences: a critical review. <b>2010</b> , 30, 719-29	43
1098	Fullerene-polyvinylpyrrolidone clathrate localizes in the cytoplasm to prevent Ultraviolet-A ray-induced DNA-fragmentation and activation of the transcriptional factor NF-kappaB. <b>2010</b> , 111, 955-66	10
1097	Structure-based quantitative structure-activity relationship studies of checkpoint kinase 1 inhibitors. <b>2010</b> , 31, 2783-93	5
1096	Role of Natural Products in Drug Discovery. <b>2010</b> , 187-229	2
1095	DNA-encoded chemical libraries: a tool for drug discovery and for chemical biology. <b>2010</b> , 11, 931-7	43
1094	Two functions, one molecule: a metal-binding and a targeting moiety to combat Alzheimer's disease. <b>2010</b> , 11, 950-3	43

1093	Prediction of aqueous solubility of druglike organic compounds using partial least squares, back-propagation network and support vector machine. <b>2010</b> , 24, n/a-n/a	9
1092	A Scaffold-Tree-Merging Strategy for Prospective Bioactivity Annotation of Epyrones. <b>2010</b> , 122, 3748-3752	11
1091	A scaffold-tree-merging strategy for prospective bioactivity annotation of gamma-pyrones. <b>2010</b> , 49, 3666-70	40
1090	Retraction: Design of improved permeation enhancers for transdermal drug delivery. <b>2010</b> , 99, 563	
1089	Fusion processing of itraconazole solid dispersions by kinetisol dispersing: a comparative study to hot melt extrusion. <b>2010</b> , 99, 1239-53	58
1088	Mechanisms of membrane transport of poorly soluble drugs: role of micelles in oral absorption processes. <b>2010</b> , 99, 1336-45	77
1087	New binary solid dispersion of indomethacin with surfactant polymer: from physical characterization to in vitro dissolution enhancement. <b>2010</b> , 99, 1399-413	7
1086	Manufacture of pharmaceutical co-crystals using twin screw extrusion: a solvent-less and scalable process. <b>2010</b> , 99, 1693-6	98
1085	The solubility-permeability interplay in using cyclodextrins as pharmaceutical solubilizers: mechanistic modeling and application to progesterone. <b>2010</b> , 99, 2739-49	156
1084	Amphiphilic cyclodextrins as nanocarriers of genistein: A spectroscopic investigation pointing out the structural properties of the host/drug complex system. <b>2010</b> , 99, 3141-9	21
1083	A red zwitterionic co-crystal of acetaminophen and 2,4-pyridinedicarboxylic acid. <b>2010</b> , 99, 3676-83	27
1082	Evaluation of substituted triazol-1-yl-pyrimidines as inhibitors of Bacillus anthracis acetohydroxyacid synthase. <b>2010</b> , 1804, 1369-75	7
1081	Advances in polymeric micelles for drug delivery and tumor targeting. <b>2010</b> , 6, 714-29	612
1080	Fabrication of composite microparticles of artemisinin for dissolution enhancement. <b>2010</b> , 203, 277-287	17
1079	Identification of potent urease inhibitors via ligand- and structure-based virtual screening and in vitro assays. <b>2010</b> , 28, 792-8	33
1078	Benchmarking docking and scoring protocol for the identification of potential acetylcholinesterase inhibitors. <b>2010</b> , 28, 870-82	20
1077	Docking-enabled pharmacophore model for histone deacetylase 8 inhibitors and its application in anti-cancer drug discovery. <b>2010</b> , 29, 382-95	51
1076	Fabrication of drug nanoparticles by evaporative precipitation of nanosuspension. <b>2010</b> , 383, 285-92	78

# (2010-2010)

1075	Characterization of organogel as a novel oral controlled release formulation for lipophilic compounds. <b>2010</b> , 388, 123-8	69
1074	Adsorption of carbamazepine onto crospovidone to prevent drug recrystallization. <b>2010</b> , 391, 169-76	6
1073	High throughput preparation and characterisation of amphiphilic nanostructured nanoparticulate drug delivery vehicles. <b>2010</b> , 395, 290-7	75
1072	Novel chiral pyrrolidinone scaffolds derived from threonine with antibacterial activity. <b>2010</b> , 21, 1758-1770	19
1071	Composite alginate hydrogels: An innovative approach for the controlled release of hydrophobic drugs. <b>2010</b> , 6, 4642-9	61
1070	Expanding the range of 'druggable' targets with natural product-based libraries: an academic perspective. <b>2010</b> , 14, 308-14	121
1069	Probing the probes: fitness factors for small molecule tools. <b>2010</b> , 17, 561-77	198
1068	Potential drug-like inhibitors of Group 1 influenza neuraminidase identified through computer-aided drug design. <b>2010</b> , 34, 97-105	16
1067	Applications of biological pores in nanomedicine, sensing, and nanoelectronics. <b>2010</b> , 21, 439-76	258
1066	Click synthesis of estradiol-cyclodextrin conjugates as cell compartment selective estrogens. <b>2010</b> , 18, 809-21	28
1065	Characterization of non-lipid autotaxin inhibitors. <b>2010</b> , 18, 769-76	18
1064	Potent inhibitor scaffold against Trypanosoma cruzi trans-sialidase. <b>2010</b> , 18, 1633-40	44
1063	Interaction of (benzylidene-hydrazono)-1,4-dihydropyridines with beta-amyloid, acetylcholine, and butyrylcholine esterases. <b>2010</b> , 18, 2049-59	37
1062	Design and synthesis of novel series of pyrrole based chemotypes and their evaluation as selective aldose reductase inhibitors. A case of bioisosterism between a carboxylic acid moiety and that of a tetrazole. <b>2010</b> , 18, 2107-2114	53
1061	Synthesis of a novel series of diphenolic chromone derivatives as inhibitors of NO production in LPS-activated RAW264.7 macrophages. <b>2010</b> , 18, 2864-71	33
1060	Design of potential reverse transcriptase inhibitor containing Isatin nucleus using molecular modeling studies. <b>2010</b> , 18, 3198-211	28
1059	Functionalized pyrazoles and pyrazolo[3,4-d]pyridazinones: Synthesis and evaluation of their phosphodiesterase 4 inhibitory activity. <b>2010</b> , 18, 3506-17	12
1058	Structure-based virtual screening, synthesis and SAR of novel inhibitors of hepatitis C virus NS5B polymerase. <b>2010</b> , 18, 4630-8	62

1057	In vitro ADMET and physicochemical investigations of poly-N-methylated peptides designed to inhibit Abeta aggregation. <b>2010</b> , 18, 5896-902	34
1056	3,5-Bis(benzylidene)-1-[4-2-(morpholin-4-yl)ethoxyphenylcarbonyl]-4-piperidone hydrochloride: a lead tumor-specific cytotoxin which induces apoptosis and autophagy. <b>2010</b> , 20, 912-7	35
1055	Cooperative binding of a quinoline derivative to an RNA stem loop containing a dangling end. <b>2010</b> , 20, 3134-7	10
1054	High-throughput sequencing for the identification of binding molecules from DNA-encoded chemical libraries. <b>2010</b> , 20, 4188-92	43
1053	Anibamine, a natural product CCR5 antagonist, as a novel lead for the development of anti-prostate cancer agents. <b>2010</b> , 20, 4627-30	36
1052	Identification of a sub-micromolar, non-peptide inhibitor of	14
1051	Discovery of N-benzyl-2-[(4S)-4-(1H-indol-3-ylmethyl)-5-oxo-1-phenyl-4,5-dihydro-6H-[1,2,4]triazolo[4,3-a][1,5]benzodiazepi an orally active, gut-selective CCK1 receptor agonist for the potential treatment of obesity. <b>2010</b> ,	in <sub>z</sub> გ-yl]-N-
1050	20, 6797-801  A practical deuterium-free NMR method for the rapid determination of 1-octanol/water partition coefficients of pharmaceutical agents. <b>2010</b> , 20, 6712-5	25
1049	Triazolyl tryptoline derivatives as 転ecretase inhibitors. <b>2010</b> , 20, 6572-6	20
1048	Synthesis and antitumor evaluation of novel diarylsulfonylurea derivatives: molecular modeling applications. <b>2010</b> , 45, 689-97	19
1047	Designing inhibitors against fructose 1,6-bisphosphatase: exploring natural products for novel inhibitor scaffolds. <b>2010</b> , 45, 1478-84	27
1046	Lipophilicity of novel antitumour and analgesic active 8-aryl-2,6,7,8-tetrahydroimidazo[2,1-c][1,2,4]triazine-3,4-dione derivatives determined by reversed-phase HPLC and computational methods. <b>2010</b> , 45, 2644-9	23
1045	Synthesis and antitumor evaluation of novel cyclic arylsulfonylureas: ADME-T and pharmacophore prediction. <b>2010</b> , 45, 2516-30	47
1044	Combating oxidative stress in epilepsy: design, synthesis, quantum chemical studies and anticonvulsant evaluation of 1-(substituted benzylidene/ethylidene)-4-(naphthalen-1-yl)semicarbazides. <b>2010</b> , 45, 2817-26	24
1043	Predicting cytotoxicity from heterogeneous data sources with Bayesian learning. <b>2010</b> , 2, 11	31
1042	Green tea extract weakens the antibacterial effect of amoxicillin in methicillin-resistant Staphylococcus aureus infected mice. <b>2010</b> , 24, 141-5	17
1041	Plant chemical genetics. <b>2010</b> , 185, 15-26	42
1040	Simultaneous detection of intracellular target and off-target binding of small molecule cancer drugs at nanomolar concentrations. <b>2010</b> , 160, 958-70	19

# (2010-2010)

1039	Structure-based in silico design of a high-affinity dipeptide inhibitor for novel protein drug target Shikimate kinase of Mycobacterium tuberculosis. <b>2010</b> , 76, 277-84	12
1038	Fragment-based discovery of novel thymidylate synthase leads by NMR screening and group epitope mapping. <b>2010</b> , 76, 218-33	11
1037	The toxicokinetics and toxicodynamics of organophosphonates versus the pharmacokinetics and pharmacodynamics of oxime antidotes: biological consequences. <b>2010</b> , 106, 73-85	35
1036	Mitigation of septic shock in mice and rhesus monkeys by human chorionic gonadotrophin-related oligopeptides. <b>2010</b> , 160, 466-78	33
1035	Bioprospecting microbial natural product libraries from the marine environment for drug discovery. <b>2010</b> , 63, 415-22	77
1034	Chemical genetics of Plasmodium falciparum. <b>2010</b> , 465, 311-5	443
1033	A predictive model for drug bioaccumulation and bioactivity in Caenorhabditis elegans. <b>2010</b> , 6, 549-57	132
1032	Subcellular targeting strategies for drug design and delivery. <b>2010</b> , 9, 29-42	532
1031	Understanding transport through pharmacological barriersare we there yet?. <b>2010</b> , 9, 897-8	11
1030	Current perspectives on selective dopamine D(3) receptor antagonists as pharmacotherapeutics for addictions and related disorders. <b>2010</b> , 1187, 4-34	222
1029	. 2010,	1
1028	In Silico Screening. <b>2010</b> , 211-235	
1027	. 2010,	4
1026	. 2010,	2
1025	. 2010,	4
1024	Marine benthic cyanobacteria contain apoptosis-inducing activity synergizing with daunorubicin to kill leukemia cells, but not cardiomyocytes. <b>2010</b> , 8, 2659-72	43
1023	Synthetic Medicinal Chemistry in Chagas' Disease: Compounds at The Final Stage of "Hit-To-Lead" Phase. <b>2010</b> , 3, 810-838	46
1022	Antiplatelet activity and structure-activity relationship study of Pyrazolopyridine Derivatives as potential series for treating thrombotic diseases. <b>2010</b> , 17, 730-9	12

1021	Inhibition of Antiapoptotic BCL-XL, BCL-2, and MCL-1 Proteins by Small Molecule Mimetics. <b>2010</b> , 9, 169-77	9
1020	Designing inhibitors of M2 proton channel against H1N1 swine influenza virus. <b>2010</b> , 5, e9388	69
1019	Cheminformatics-based drug design approach for identification of inhibitors targeting the characteristic residues of MMP-13 hemopexin domain. <b>2010</b> , 5, e12494	11
1018	Progress and issues for computationally guided lead discovery and optimization. 1-14	1
1017	Development of QSAR model for immunomodulatory activity of natural coumarinolignoids. <b>2010</b> , 4, 173-86	25
1016	Fragment-based screening by biochemical assays: Systematic feasibility studies with trypsin and MMP12. <b>2010</b> , 15, 1029-41	34
1015	Development and application of a high-throughput formulation screening strategy for oral administration in drug discovery. <b>2010</b> , 2, 1391-8	12
1014	Cellular pharmacokinetics of the novel biaryloxazolidinone radezolid in phagocytic cells: studies with macrophages and polymorphonuclear neutrophils. <b>2010</b> , 54, 2540-8	55
1013	Development of predictive quantitative structure-activity relationship models of epipodophyllotoxin derivatives. <b>2010</b> , 15, 1194-203	2
1012	Multipotent neurotrophin antagonist targets brain-derived neurotrophic factor and nerve growth factor. <b>2010</b> , 332, 446-54	28
1011	Small molecules of different origins have distinct distributions of structural complexity that correlate with protein-binding profiles. <b>2010</b> , 107, 18787-92	253
1010	Development of a high-throughput screen for inhibitors of Epstein-Barr virus EBNA1. <b>2010</b> , 15, 1107-15	39
1009	Combinatorial Chemistry and Multiple Parallel Synthesis. <b>2010</b> , 275-368	1
1008	Chitin or chitin-like glycans as targets for late-term cancer chemoprevention. <b>2010</b> , 3, 1519-22	4
1007	A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. <b>2010</b> , 38, e171	60
1006	Amphiphile regulation of ion channel function by changes in the bilayer spring constant. <b>2010</b> , 107, 15427-30	93
1005	Small molecule inhibitors of acid sphingomyelinase. <b>2010</b> , 26, 1-8	56
1004	Utility of Structural Information to Predict Drug Clearance from in Vitro Data. <b>2010</b> , 2, 3.1-3.4	

1003	A high-throughput small-molecule ligand screen targeted to agonists and antagonists of the G-protein-coupled receptor GPR54. <b>2010</b> , 15, 508-17	20
1002	Discovery and Formulation. <b>2010</b> , 215-239	
1001	Studies towards the development of lipophilic bifunctional N3S3 chelators for 68Ga. <b>2010</b> , 98, 519-523	4
1000	A cell-based high-throughput screen validates the plasmodial surface anion channel as an antimalarial target. <b>2010</b> , 77, 724-33	34
999	Natural and engineered kallikrein inhibitors: an emerging pharmacopoeia. 2010, 391, 357-74	32
998	Screening for small molecules' bilayer-modifying potential using a gramicidin-based fluorescence assay. <b>2010</b> , 8, 427-36	54
997	Mitigating permeability-mediated risks in drug discovery. <b>2010</b> , 6, 171-87	11
996	Physicochemical Characterization and Oral Dosage Form Selection Based on the Biopharmaceutics Classification System. <b>2010</b> , 25-62	3
995	pH-sensitive membrane peptides (pHLIPs) as a novel class of delivery agents. <b>2010</b> , 27, 341-52	94
994	NMR-Based Screening and Drug Discovery. <b>2010</b> , 367-446	2
993	Setting up a kinase discovery and development project. <b>2012</b> , 355, 3-18	4
992	Galactosylated nanocrystallites of insoluble anticancer drug for liver-targeting therapy: an in vitro evaluation. <b>2010</b> , 5, 589-96	47
991	Therapeutic Agents Acting on RNA Targets. <b>2010</b> , 945-982	
990	High-throughput screening of viral entry inhibitors using pseudotyped virus. <b>2010</b> , Chapter 13, Unit 13B.3	15
989	Characterization of the transport, metabolism, and pharmacokinetics of the dopamine D3 receptor-selective fluorenyl- and 2-pyridylphenyl amides developed for treatment of psychostimulant abuse. <b>2010</b> , 333, 854-64	20
	Jahikitana of Laishannia CDD annanan ayanaharaharaharaharaharaharaharaharaharah	
988	Inhibitors of Leishmania GDP-mannose pyrophosphorylase identified by high-throughput screening of small-molecule chemical library. <b>2010</b> , 54, 1712-9	34
988		35

985	Strategies for the design of RNA-binding small molecules. <b>2010</b> , 2, 93-119	61
984	Massively parallel sequencing and analysis of the Necator americanus transcriptome. <b>2010</b> , 4, e684	66
983	Green and Sustainable Pharmacy. <b>2010</b> ,	20
982	Recombinant yeast screen for new inhibitors of human acetyl-CoA carboxylase 2 identifies potential drugs to treat obesity. <b>2010</b> , 107, 9093-8	25
981	Pharmacophore based drug design approach as a practical process in drug discovery. <b>2010</b> , 6, 37-49	52
980	Plasma protein binding in drug discovery and development. <b>2010</b> , 13, 170-87	102
979	Contributions of computational chemistry and biophysical techniques to fragment-based drug discovery. <b>2010</b> , 17, 1769-94	36
978	Hydrophobicityshake flasks, protein folding and drug discovery. <b>2010</b> , 10, 67-83	89
977	Oxidative stress and endothelial dysfunction in cardiovascular disease: mitochondria-targeted therapeutics. <b>2010</b> , 17, 3827-41	69
976	Recent progress in the identification and development of InhA direct inhibitors of Mycobacterium tuberculosis. <b>2010</b> , 10, 181-92	25
975	A new paradigm for improving oral absorption of drugs in discovery: role of physicochemical properties, different excipients and the pharmaceutical scientist. <b>2010</b> , 2, 1-5	10
974	Predictions of the ADMET properties of candidate drug molecules utilizing different QSAR/QSPR modelling approaches. <b>2010</b> , 11, 285-95	107
973	Design and application of locally delivered agonists of the adenosine A(2A) receptor. <b>2010</b> , 3, 55-72	23
972	Identification of Akt-selective cytotoxic compounds that enhance cytotoxic responses to rapamycin. <b>2010</b> , 10, 1256-61	1
971	Effects of substituents on the NMR features of basic bicyclic ring systems of fluoroquinolone antibiotics and the relationships between NMR chemical shifts, molecular descriptors and drug-likeness parameters. <b>2010</b> , 60, 237-54	5
970	Pharmacokinetics and elucidation of the rates and routes of N-glucuronidation of PF-592379, an oral dopamine 3 agonist in rat, dog, and human. <b>2010</b> , 40, 730-42	8
969	Chemical enhancement of torsinA function in cell and animal models of torsion dystonia. <b>2010</b> , 3, 386-96	47
968	Novel therapies in childhood heart failure: today and tomorrow. <b>2010</b> , 6, 591-621, x	6

## (2010-2010)

967	Mechanisms of protein kinase A anchoring. <b>2010</b> , 283, 235-330	136
966	Pyrazolylthiazole as DeltaF508-cystic fibrosis transmembrane conductance regulator correctors with improved hydrophilicity compared to bithiazoles. <b>2010</b> , 53, 3772-81	28
965	Drug targets for amyloidosis. <b>2010</b> , 38, 466-70	13
964	Rapid release of entrapped contents from multi-functionalizable, surface cross-linked micelles upon different stimulation. <b>2010</b> , 132, 10642-4	96
963	Understanding and predicting druggability. A high-throughput method for detection of drug binding sites. <b>2010</b> , 53, 5858-67	209
962	Prediction of Pharmacokinetics and Drug Safety in Humans. <b>2010</b> , 89-130	
961	Bioanalytical Strategies. <b>2010</b> , 131-204	
960	Structure-Based Design of BACE Inhibitors: Technical and Practical Aspects of Preparation, 3-Dimensional Structure, and Computational Analysis. 123-157	
959	In vivo structure-activity relationship study of dorsomorphin analogues identifies selective VEGF and BMP inhibitors. <b>2010</b> , 5, 245-53	279
958	Merging the structural motifs of functionalized amino acids and alpha-aminoamides: compounds with significant anticonvulsant activities. <b>2010</b> , 53, 3756-71	23
957	Design and development of peptides and peptide mimetics as antagonists for therapeutic intervention. <b>2010</b> , 2, 1813-22	109
956	Direct renin inhibitors as a new therapy for hypertension. <b>2010</b> , 53, 7490-520	63
955	Surface Plasmon Resonance biosensor analysis as a useful tool in FBDD. <b>2010</b> , 7, e181-e187	24
954	RVX-208: a small molecule that increases apolipoprotein A-I and high-density lipoprotein cholesterol in vitro and in vivo. <b>2010</b> , 55, 2580-9	178
953	Identification of new classes of ricin toxin inhibitors by virtual screening. 2010, 56, 526-34	29
952	In Silico ADME/Tox Predictions. <b>2010</b> , 29-124	4
951	Absorption and Physicochemical Properties of the NCE. <b>2010</b> , 125-144	2
950	Pharmacokinetics for Medicinal Chemists. <b>2010</b> , 201-285	

949 Hepatic Toxicity. **2010**, 353-377

948	Pharmaceutical Technologies for Enhancing Oral Bioavailability of Poorly Soluble Drugs. <b>2010</b> , 02,	69
947	Drug Delivery. <b>2010</b> ,	22
946	Self-aggregation behaviour of novel thiosemicarbazone drug candidates with potential antiviral activity. <b>2010</b> , 34, 2047	29
945	Nitrile-containing pharmaceuticals: efficacious roles of the nitrile pharmacophore. <b>2010</b> , 53, 7902-17	986
944	Identifying the binding site of novel methyllycaconitine (MLA) analogs at 母 nicotinic acetylcholine receptors. <b>2010</b> , 1, 796-809	11
943	Structure-based and ligand-based drug design for HER 2 receptor. <b>2010</b> , 28, 23-37	77
942	Application of Hansch's model to capsaicinoids and capsinoids: a study using the quantitative structure-activity relationship. A novel method for the synthesis of capsinoids. <b>2010</b> , 58, 3342-9	51
941	Parallel Synthesis of bis-heterocyclic isoxazolylmethyl- and isoxazolinylmethylpyrazoles. <b>2010</b> , 12, 129-36	19
940	Drug discovery with DNA-encoded chemical libraries. <b>2010</b> , 21, 1571-80	42
939	Comparison of three preprocessing filters efficiency in virtual screening: identification of new putative LXRbeta regulators as a test case. <b>2010</b> , 50, 701-15	8
938	Discovery of potent, proteolytically stable, and cell permeable human sirtuin peptidomimetic inhibitors containing N£hioacetyl-lysine. <b>2010</b> , 1, 233	18
937	Colloid formation by drugs in simulated intestinal fluid. <b>2010</b> , 53, 4259-65	62
936	Development of a new generation of 4-aminoquinoline antimalarial compounds using predictive pharmacokinetic and toxicology models. <b>2010</b> , 53, 3685-95	44
935	GARLig: a fully automated tool for subset selection of large fragment spaces via a self-adaptive genetic algorithm. <b>2010</b> , 50, 1644-59	11
934	Elaborate ligand-based modeling reveals new nanomolar heat shock protein 90\(\textit{H}\)nhibitors. <b>2010</b> , 50, 1706-23	38
933	Optimization of a pipemidic acid autotaxin inhibitor. <b>2010</b> , 53, 1056-66	33
932	Recent Trends in Structure-Based Drug Design and Energetics. <b>2010</b> , 685-724	2

## (2010-2010)

931	Influence of hydrophobic structures on the plasma membrane permeability of lipidlike molecules. <b>2010</b> , 26, 9170-5	13
930	Targeted drug delivery to lymphocytes: a route to site-specific immunomodulation?. <b>2010</b> , 7, 2297-309	36
929	The pthaladyns: GTP competitive inhibitors of dynamin I and II GTPase derived from virtual screening. <b>2010</b> , 53, 5267-80	37
928	Discovery of small molecule inhibitors of the PH domain leucine-rich repeat protein phosphatase (PHLPP) by chemical and virtual screening. <b>2010</b> , 53, 6899-911	57
927	Ensemble Docking from Homology Models. <b>2010</b> , 6, 2547-57	55
926	A new intestinal cell culture model to discriminate the relative contribution of P-gp and BCRP on transport of substrates such as imatinib. <b>2010</b> , 7, 1618-28	16
925	A doubly labeled penetratin analogue as a ratiometric sensor for intracellular proteolytic stability. <b>2010</b> , 21, 64-73	13
924	Confocal imaging to quantify passive transport across biomimetic lipid membranes. <b>2010</b> , 82, 7766-71	37
923	EMBM - a new enzyme mechanism-based method for rational design of chemical sites of covalent inhibitors. <b>2010</b> , 50, 2256-65	7
922	An historical overview of drug discovery. <b>2009</b> , 572, 3-12	21
921	Improvement of drug-like properties of peptides: the somatostatin paradigm. 2010, 5, 655-71	52
920	Structure-based design of novel small-molecule inhibitors of Plasmodium falciparum. <b>2010</b> , 50, 840-9	41
010	Defining desirable central nervous system drug space through the alignment of molecular	
919	properties, in vitro ADME, and safety attributes. <b>2010</b> , 1, 420-34	313
919		313 56
	properties, in vitro ADME, and safety attributes. <b>2010</b> , 1, 420-34  Crystallization of amorphous indomethacin during dissolution: effect of processing and annealing.	
918	properties, in vitro ADME, and safety attributes. <b>2010</b> , 1, 420-34  Crystallization of amorphous indomethacin during dissolution: effect of processing and annealing. <b>2010</b> , 7, 1406-18  Discovery of novel GSK-3#nhibitors with potent in vitro and in vivo activities and excellent brain	56
918 917	properties, in vitro ADME, and safety attributes. 2010, 1, 420-34  Crystallization of amorphous indomethacin during dissolution: effect of processing and annealing. 2010, 7, 1406-18  Discovery of novel GSK-3#nhibitors with potent in vitro and in vivo activities and excellent brain permeability using combined ligand- and structure-based virtual screening. 2010, 53, 8534-45	56

913	Diversity of bisubstrate binding modes of adenosine analogue-oligoarginine conjugates in protein kinase a and implications for protein substrate interactions. <b>2010</b> , 403, 66-77	25
912	Increasingly accurate dynamic molecular models of G-protein coupled receptor oligomers: Panacea or Pandora's box for novel drug discovery?. <b>2010</b> , 86, 590-7	33
911	Signal transduction therapy of cancer. <b>2010</b> , 31, 287-329	60
910	Natural and synthetic inhibitors of kallikrein-related peptidases (KLKs). <b>2010</b> , 92, 1546-67	106
909	Influence of the introduction of a solubility enhancer on the formulation of lipidic nanoparticles with improved drug loading rates. <b>2010</b> , 75, 117-27	16
908	Carboxyl group-terminated polyamidoamine dendrimers bearing glucosides inhibit intestinal hexose transporter-mediated D-glucose uptake. <b>2010</b> , 75, 366-74	13
907	Combined use of ordered mesoporous silica and precipitation inhibitors for improved oral absorption of the poorly soluble weak base itraconazole. <b>2010</b> , 75, 354-65	101
906	Inclusion of telmisartan in mesocellular foam nanoparticles: drug loading and release property. <b>2010</b> , 76, 17-23	66
905	Converse modulation of toxic alpha-synuclein oligomers in living cells by N'-benzylidene-benzohydrazide derivates and ferric iron. <b>2010</b> , 391, 461-6	50
904	R-(-)-beta-O-methylsynephrine, a natural product, inhibits VEGF-induced angiogenesis in vitro and in vivo. <b>2010</b> , 399, 20-3	9
903	Three new powerful oseltamivir derivatives for inhibiting the neuraminidase of influenza virus. <b>2010</b> , 401, 188-91	33
902	Nucleoside-derived antagonists to A3 adenosine receptors lower mouse intraocular pressure and act across species. <b>2010</b> , 90, 146-54	31
901	Tau protein and tau aggregation inhibitors. <b>2010</b> , 59, 276-89	136
900	Unexploited therapies in breast and prostate cancer: blockade of the prolactin receptor. <b>2010</b> , 21, 691-8	27
899	Receptor heteromerization and drug discovery. <b>2010</b> , 31, 124-30	110
898	Correlations between no observed effect level and selected parameters of the chemical structure for veterinary drugs. <b>2010</b> , 24, 953-9	18
897	Emerging principles in plant chemical genetics. <b>2010</b> , 15, 81-8	69
896	Docking studies on isoform-specific inhibition of phosphoinositide-3-kinases. <b>2010</b> , 50, 1887-98	49

## (2010-2010)

895	Fragment-based drug discovery applied to Hsp90. Discovery of two lead series with high ligand efficiency. <b>2010</b> , 53, 5942-55	154
894	Synthesis and biological activity of pyrazolo[3,4-d]thiazolo[3,2-a]pyrimidin-4-one derivatives: in silico approach. <b>2010</b> , 25, 615-21	19
893	Design, synthesis and anti-Parkinsonian evaluation of 3-alkyl/aryl-8-(furan-2-yl)thiazolo[5,4-e][1,2,4]triazolo[1,5-c]pyrimidine-2(3H)-thiones against neuroleptic-induced catalepsy and oxidative stress in mice. <b>2010</b> , 25, 818-26	26
892	Exploring neurotherapeutic space: how many neurological drugs exist (or could exist)?. <b>2011</b> , 63, 136-9	13
891	Improving oral delivery. <b>2010</b> , 345-98	21
890	Strategies for improving the water solubility of new antitumour nitronaphthylbutadiene derivatives. <b>2010</b> , 8, 5674-81	19
889	A chemical screen identifies novel compounds that overcome glial-mediated inhibition of neuronal regeneration. <b>2010</b> , 30, 4693-706	48
888	Design of a multifunctional heparin-based nanoparticle system for anticancer drug delivery. <b>2010</b> , 18, 153-161	28
887	Pharmacophore modeling and virtual screening studies for new VEGFR-2 kinase inhibitors. <b>2010</b> , 45, 5420-7	70
886	Evaluation of pKa estimation methods on 211 druglike compounds. <b>2010</b> , 50, 565-71	78
885	Discovering interesting molecular substructures for molecular classification. <b>2010</b> , 9, 77-89	2
884	A novel pyrazolo[1,5-a]pyrimidine is a potent inhibitor of cyclin-dependent protein kinases 1, 2, and 9, which demonstrates antitumor effects in human tumor xenografts following oral administration. <b>2010</b> , 53, 8508-22	65
883	Discovery of new inhibitors of Schistosoma mansoni PNP by pharmacophore-based virtual screening. <b>2010</b> , 50, 1693-705	51
882	Nonpeptidic tetrafluorophenoxymethyl ketone cruzain inhibitors as promising new leads for Chagas disease chemotherapy. <b>2010</b> , 53, 1763-73	92
881	Natural Products as Lead Sources for Drug Development. <b>2010</b> , 5-46	1
880	Cyclodextrin/dextran based drug carriers for a controlled release of hydrophobic drugs in zebrafish embryos. <b>2010</b> , 6, 3778	34
879	Cell-based apoptosis assays in oncology drug discovery. <b>2010</b> , 5, 583-96	8
878	Discovery of cyclic acylguanidines as highly potent and selective beta-site amyloid cleaving enzyme (BACE) inhibitors: Part Iinhibitor design and validation. <b>2010</b> , 53, 951-65	110

877	Computer-aided identification of Trypanosoma brucei uridine diphosphate galactose 4'-epimerase inhibitors: toward the development of novel therapies for African sleeping sickness. <b>2010</b> , 53, 5025-32	45
876	Green tea and cancer prevention. <b>2010</b> , 62, 931-7	127
875	Non-peptidic glucose-like peptide-1 receptor agonists: aftermath of a serendipitous discovery. <b>2010</b> , 31, 1026-30	15
874	Structurally designed trans-2-phenylcyclopropylamine derivatives potently inhibit histone demethylase LSD1/KDM1. <b>2010</b> , 49, 6494-503	147
873	Selective delivery of cargo entities to tumor cells by nanoscale artificial oil bodies. <b>2010</b> , 58, 11695-702	19
872	Protein pockets: inventory, shape, and comparison. <b>2010</b> , 50, 589-603	55
871	Design of small molecules that target metal-A{beta} species and regulate metal-induced A{beta} aggregation and neurotoxicity. <b>2010</b> , 107, 21990-5	225
870	Chemical screening for hair cell loss and protection in the zebrafish lateral line. 2010, 7, 3-11	90
869	Small-molecule inhibitors of IL-2/IL-2R: lessons learned and applied. <b>2011</b> , 348, 25-59	50
868	G protein-coupled receptor oligomerization for what?. <b>2010</b> , 30, 322-30	20
867	Capillary microfluidic electrophoretic mobility shift assays: application to enzymatic assays in drug discovery. <b>2010</b> , 5, 51-63	25
866	Interactive Drug Design in Virtual Reality. <b>2011</b> ,	3
865	Influencing uptake and localization of aminoglycoside-functionalized peptoids. 2011, 7, 2441-51	13
864	20 years of DNA-encoded chemical libraries. <b>2011</b> , 47, 12747-53	107
863	Lose weight with traditional chinese medicine? Potential suppression of fat mass and obesity-associated protein. <b>2011</b> , 29, 471-83	16
862	Traditional Chinese medicine, a solution for reducing dual stroke risk factors at once?. <b>2011</b> , 7, 2711-9	39
861	Biofunctional self-assembled nanoparticles of folate <b>B</b> EGBeparin/PBLA copolymers for targeted delivery of doxorubicin. <b>2011</b> , 21, 15288	28
860	Exploration of therapeutic targets for sexual dysfunctions: lessons learned from the failed stories. <b>2011</b> , 15, 325-40	3

859	Construction of multidrug-sensitive yeast with high sporulation efficiency. <b>2011</b> , 75, 1588-93	19
858	Application of twin screw extrusion in the manufacture of cocrystals, part I: four case studies. <b>2011</b> , 3, 582-600	72
857	Polyamine homoeostasis as a drug target in pathogenic protozoa: peculiarities and possibilities. <b>2011</b> , 438, 229-44	61
856	Global free energy scoring functions based on distance-dependent atom-type pair descriptors. <b>2011</b> , 51, 707-20	24
855	Optimization of Pharmacokinetics through Manipulation of Physicochemical Properties in a Series of HCV Inhibitors. <b>2011</b> , 2, 715-9	12
854	Characterizing the diversity and biological relevance of the MLPCN assay manifold and screening set. <b>2011</b> , 51, 1205-15	11
853	QTAIM application in drug development: prediction of relative stability of drug polymorphs from experimental crystal structures. <b>2011</b> , 115, 12809-17	26
852	Tuning a polar molecule for selective cytoplasmic delivery by a pH (Low) insertion peptide. <b>2011</b> , 50, 10215-22	36
851	CSAR benchmark exercise of 2010: combined evaluation across all submitted scoring functions. <b>2011</b> , 51, 2115-31	117
850	Highly substituted lactone/ester-containing furan library by the palladium-catalyzed carbonylation of hydroxyl-substituted 3-iodofurans. <b>2011</b> , 13, 272-9	21
849	Identification of a small-molecule entry inhibitor for filoviruses. <b>2011</b> , 85, 3106-19	82
848	Bisdionin C-a rationally designed, submicromolar inhibitor of family 18 chitinases. <b>2011</b> , 2, 428-32	15
847	C-terminal tetrapeptides inhibit A舉2-induced neurotoxicity primarily through specific interaction at the N-terminus of A畢2. <b>2011</b> , 54, 8451-60	32
846	Artemisinin-Polyvinylpyrrolidone Composites Prepared by Evaporative Precipitation of Nanosuspension for Dissolution Enhancement. <b>2011</b> , 22, 363-78	6
845	Identification of the binding modes of N-phenylphthalimides inhibiting bacterial thymidylate synthase through X-ray crystallography screening. <b>2011</b> , 54, 5454-67	13
844	Spontaneous membrane-translocating peptides by orthogonal high-throughput screening. <b>2011</b> , 133, 8995-9004	140
843	Ligand Identification Scoring Algorithm (LISA). <b>2011</b> , 51, 1296-306	23
842	Automated selection of compounds with physicochemical properties to maximize bioavailability and druglikeness. <b>2011</b> , 51, 148-58	18

841	IUPHAR-DB: an open-access, expert-curated resource for receptor and ion channel research. <b>2011</b> , 2, 232-5	6
840	Synthesis and evaluation of diarylthiazole derivatives that inhibit activation of sterol regulatory element-binding proteins. <b>2011</b> , 54, 4923-7	21
839	Screening from the world's largest TCM database against H1N1 virus. <b>2011</b> , 28, 773-86	42
838	Compound acquisition and prioritization algorithm for constructing structurally diverse compound libraries. <b>2011</b> , 13, 223-31	13
837	Identification of a novel benzimidazole that inhibits bacterial biofilm formation in a broad-spectrum manner. <b>2011</b> , 55, 4369-78	76
836	A Fragment-Based Docking Engine: eHiTS. <b>2011</b> , 91-130	1
835	Contributions of glycosaminoglycan binding and clustering to the biological uptake of the nonamphipathic cell-penetrating peptide WR9. <b>2011</b> , 50, 4650-64	65
834	Imaging molecular transport across lipid bilayers. <b>2011</b> , 101, 700-8	39
833	theraTRACE[]: a mechanism unbiased in vivo platform for phenotypic screening and drug repositioning. <b>2011</b> , 8, 89-95	2
832	Identification of novel functional inhibitors of acid sphingomyelinase. <b>2011</b> , 6, e23852	107
832	Identification of novel functional inhibitors of acid sphingomyelinase. <b>2011</b> , 6, e23852  Chemical screening in zebrafish for novel biological and therapeutic discovery. <b>2011</b> , 105, 493-516	107 34
831	Chemical screening in zebrafish for novel biological and therapeutic discovery. <b>2011</b> , 105, 493-516	34
831	Chemical screening in zebrafish for novel biological and therapeutic discovery. <b>2011</b> , 105, 493-516  CrystalDock: a novel approach to fragment-based drug design. <b>2011</b> , 51, 2573-80	34
831 830 829	Chemical screening in zebrafish for novel biological and therapeutic discovery. <b>2011</b> , 105, 493-516  CrystalDock: a novel approach to fragment-based drug design. <b>2011</b> , 51, 2573-80  Natural product-like virtual libraries: recursive atom-based enumeration. <b>2011</b> , 51, 541-57	34 18 22
831 830 829 828	Chemical screening in zebrafish for novel biological and therapeutic discovery. 2011, 105, 493-516  CrystalDock: a novel approach to fragment-based drug design. 2011, 51, 2573-80  Natural product-like virtual libraries: recursive atom-based enumeration. 2011, 51, 541-57  Fragment screening using X-ray crystallography. 2012, 317, 33-59  Virtual screening identification of nonfolate compounds, including a CNS drug, as antiparasitic	34 18 22 60
831 830 829 828	Chemical screening in zebrafish for novel biological and therapeutic discovery. 2011, 105, 493-516  CrystalDock: a novel approach to fragment-based drug design. 2011, 51, 2573-80  Natural product-like virtual libraries: recursive atom-based enumeration. 2011, 51, 541-57  Fragment screening using X-ray crystallography. 2012, 317, 33-59  Virtual screening identification of nonfolate compounds, including a CNS drug, as antiparasitic agents inhibiting pteridine reductase. 2011, 54, 211-21  Accelerated computational discovery of high-performance materials for organic photovoltaics by	34 18 22 60 52

## (2011-2011)

823	Three-dimensional skin models as tools for transdermal drug delivery: challenges and limitations. <b>2011</b> , 8, 705-20	51
822	Combinatorial QSAR modeling of human intestinal absorption. <b>2011</b> , 8, 213-24	28
821	Development of maino alcohol derivatives that inhibit Toll-like receptor 4 mediated inflammatory response as potential antiseptics. <b>2011</b> , 54, 4659-69	28
820	An Invitation to Open Innovation in Malaria Drug Discovery: 47 Quality Starting Points from the TCAMS. <b>2011</b> , 2, 741-6	61
819	Molecular Descriptors for Biological Systems. <b>2011</b> , 107-143	1
818	Targeted and multifunctional arene ruthenium chemotherapeutics. <b>2011</b> , 40, 10793-800	227
817	Experimental chemotherapy and approaches to drug discovery for Trypanosoma cruzi infection. <b>2011</b> , 75, 89-119	23
816	Synthesis of a drug-like focused library of trisubstituted pyrrolidines using integrated flow chemistry and batch methods. <b>2011</b> , 13, 405-13	39
815	The subcellular distribution of small molecules: a meta-analysis. <b>2011</b> , 8, 1611-8	27
814	Application of a sparse matrix design strategy to the synthesis of dos libraries. <b>2011</b> , 13, 357-64	17
813	Diazo reagents with small steric footprints for simultaneous arming/SAR studies of alcohol-containing natural products via O-H insertion. <b>2011</b> , 6, 1175-81	30
812	Preclinical Models for Anticancer Drug Development. <b>2011</b> , 89-114	1
811	Aqueous solubility of crystalline and amorphous drugs: Challenges in measurement. <b>2011</b> , 16, 187-200	94
810	Selection of Carbonic Anhydrase IX Inhibitors from One Million DNA-Encoded Compounds. <b>2011</b> , 6, 336-44	117
809	Computational ligand-based rational design: Role of conformational sampling and force fields in model development. <b>2011</b> , 2, 356-370	58
808	Progress in nanotechnology based approaches to enhance the potential of chemopreventive agents. <b>2011</b> , 3, 428-45	42
807	Application of 6,7-indole aryne cycloaddition and Pd(0)-catalyzed Suzuki-Miyaura and Buchwald-Hartwig cross-coupling reactions for the preparation of annulated indole libraries. <b>2011</b> , 13, 443-8	30
806	The chemistry and biotransformation of tea constituents. <b>2011</b> , 64, 87-99	291

805	Scenarios and Case Studies: Examples for Ligand-Based Virtual Screening. 2011, 359-379	1
804	Computational modeling of P450s for toxicity prediction. <b>2011</b> , 7, 1211-31	18
803	Barriers to Oral BioavailabilityAn Overview. <b>2011</b> , 1-5	2
802	Absorption of Drugs via Passive Diffusion and Carrier-Mediated Pathways. <b>2011</b> , 63-75	
801	Anatomical and Physiological Factors Affecting Oral Drug Bioavailability in Rats, Dogs, and Humans. <b>2011</b> , 253-265	4
800	Opioid Receptor Dimerization. <b>2011</b> , 407-437	5
799	Biological evaluation of a novel doxorubicin-peptide conjugate for targeted delivery to EGF receptor-overexpressing tumor cells. <b>2011</b> , 8, 375-86	39
798	Improvement in aqueous solubility in small molecule drug discovery programs by disruption of molecular planarity and symmetry. <b>2011</b> , 54, 1539-54	342
797	Improving the Use of Drug Combinations Through the Codrug Approach. <b>2011</b> , 345-383	
796	Bioinformatics in crosslinking chemistry of collagen with selective cross linkers. <b>2011</b> , 4, 399	12
795	Zebrafish for drug toxicity screening: bridging the in vitro cell-based models and in vivo mammalian models. <b>2011</b> , 7, 579-89	84
794	Challenges of antibacterial discovery. <b>2011</b> , 24, 71-109	854
793	A small nonrule of 3 compatible fragment library provides high hit rate of endothiapepsin crystal structures with various fragment chemotypes. <b>2011</b> , 54, 7784-96	72
79 <sup>2</sup>	The Opiate Receptors. <b>2011</b> ,	8
791	Mining the ChEMBL database: an efficient chemoinformatics workflow for assembling an ion channel-focused screening library. <b>2011</b> , 51, 2449-54	33
790	Identification of compounds protective against G93A-SOD1 toxicity for the treatment of amyotrophic lateral sclerosis. <b>2011</b> , 12, 87-96	29
789	Principles of Anticancer Drug Development. <b>2011</b> ,	
788	Multidentate terephthalamidate and hydroxypyridonate ligands: towards new orally active chelators. <b>2011</b> , 35, 276-90	16

787	Drug Product Development for the Back of the Eye. <b>2011</b> ,	9
786	How to avoid rediscovering the known. <b>2011</b> , 493, 159-68	1
785	Using computational techniques in fragment-based drug discovery. <b>2011</b> , 493, 137-55	10
7 <sup>8</sup> 4	Selecting the Best HTS Hits to Move Forward: ITC Ligand Binding Characterization Provides Guidance. <b>2011</b> , 83-99	
783	Synthesis of monomeric derivatives to probe memoquin's bivalent interactions. <b>2011</b> , 54, 8299-304	22
782	Fragment screening purely with protein crystallography. <b>2011</b> , 493, 321-56	19
781	Chemogenomics and Chemical Genetics. 2011,	4
780	Chemoinformatics and Computational Chemical Biology. 2011,	6
779	Oral delivery of poorly soluble compounds by supersaturated systems. <b>2011</b> , 2, 685-90	3
778	Rational methods for the selection of diverse screening compounds. <b>2011</b> , 6, 208-17	80
777	A machine learning-based method to improve docking scoring functions and its application to drug repurposing. <b>2011</b> , 51, 408-19	138
776	Virtual screening, identification and experimental testing of novel inhibitors of PBEF1/Visfatin/NMPRTase for glioma therapy. <b>2011</b> , 1, 5	10
775	Exogenously Induced Endogenous Photosensitizers. <b>2011</b> , 391-431	
774	Binary classification of aqueous solubility using support vector machines with reduction and recombination feature selection. <b>2011</b> , 51, 229-36	37
773	Discovery of novel selective serotonin reuptake inhibitors through development of a protein-based pharmacophore. <b>2011</b> , 51, 2417-26	22
772	Library enhancement through the wisdom of crowds. <b>2011</b> , 51, 3275-86	31
771	Fragment-based drug design. <b>2011</b> , 685, 241-52	13
770	Improved dissolution behavior of lipophilic drugs by solid dispersions: the production process as starting point for formulation considerations. <b>2011</b> , 8, 1121-40	62

769	Template-directed hydrothermal synthesis of hydroxyapatite as a drug delivery system for the poorly water-soluble drug carvedilol. <b>2011</b> , 257, 10126-10133	51
768	Nitrogen dioxide solubility and permeation in lipid membranes. <b>2011</b> , 512, 190-6	28
767	Glioma stem cell proliferation and tumor growth are promoted by nitric oxide synthase-2. <b>2011</b> , 146, 53-66	240
766	Qualitative pharmacology in a quantitative world: diminishing value in the drug discovery process. <b>2011</b> , 11, 496-500	4
765	Quality by design in lead optimization: a new strategy to address productivity in drug discovery. <b>2011</b> , 11, 515-20	5
764	Improvement of oxaprozin solubility and permeability by the combined use of cyclodextrin, chitosan, and bile components. <b>2011</b> , 78, 385-93	40
763	Incorporation of indomethacin nanoparticles into 3-D ordered macroporous silica for enhanced dissolution and reduced gastric irritancy. <b>2011</b> , 79, 544-51	49
762	Phenotypic Screening with Cells and Forward Chemical Genetics Strategies. <b>2011</b> , 87-102	
761	Exceptionally fast uptake and metabolism of cyanidin 3-glucoside by rat kidneys and liver. <b>2011</b> , 74, 1049-54	48
760	Discovery of PF-04620110, a Potent, Selective, and Orally Bioavailable Inhibitor of DGAT-1. <b>2011</b> , 2, 407-12	73
759	Fragment-based approaches and computer-aided drug discovery. <b>2012</b> , 317, 201-22	22
75 <sup>8</sup>	Classification of cytochrome P450 inhibitors and noninhibitors using combined classifiers. <b>2011</b> , 51, 996-1011	124
757	Discovery of a Selective S1P1 Receptor Agonist Efficacious at Low Oral Dose and Devoid of Effects on Heart Rate. <b>2011</b> , 2, 444-9	23
756	An automatic method for the determination of saturation curve and metastable zone width of lysine monohydrochloride. <b>2011</b> , 332, 75-80	11
755	Interplay of salicylaldehyde, lysine, and M2+ ions on Bynuclein aggregation: cancellation of aggregation effects and determination of salicylaldehyde neurotoxicity. <b>2011</b> , 71, 168-77	10
754	Progress in structure based drug design for G protein-coupled receptors. <b>2011</b> , 54, 4283-311	191
753	ANCA: A Family of Fluorescent Probes that Bind and Stain Amyloid Plaques in Human Tissue. <b>2011</b> , 2, 249-255	62
75 <sup>2</sup>	A novel small molecule fluorescent sensor for Zn2+ based on pyridine-pyridone scaffold. <b>2011</b> , 83, 1730-5	15

751	Computational databases, pathway and cheminformatics tools for tuberculosis drug discovery. <b>2011</b> , 19, 65-74	72
750	Ordered Mesoporous Silica for the Delivery of Poorly Soluble Drugs. <b>2011</b> , 203-219	3
749	Caspase-6 and neurodegeneration. <b>2011</b> , 34, 646-56	102
748	Synthesis of cationic antimicrobial <b>(</b> 2,2)-amino acid derivatives with potential for oral administration. <b>2011</b> , 54, 858-68	41
747	Correlation between protein function and ligand binding profiles. <b>2011</b> , 10, 2538-45	8
746	Membrane Lipid Asymmetry and Permeability to Drugs: A Matter of Size. <b>2011</b> , 251-274	
745	Synthesis and antimalarial activity of ethylene glycol oligomeric ethers of artemisinin. 2011, 63, 278-86	8
744	DrugMembrane Interactions: Effects of Virus-Specific RNA-Dependent RNA Polymerase Inhibitors Remdesivir and Favipiravir on the Structure of Lipid Bilayers.	O
743	Evaluation of an Ussing Chamber System Equipped with Rat Intestinal Tissues to Predict Intestinal Absorption and Metabolism in Humans.	1
742	Designing and development of phthalimides as potent anti-tubulin hybrid molecules against malaria. <b>2022</b> , 239, 114534	O
741	Phenolic and terpene compounds from Plectranthus amboinicus (Lour.) Spreng act as promising hepatic anticancer agents screened through in silico and in vitro approaches. <b>2022</b> , 149, 145-159	3
740	Design, synthesis and biological evaluation of N-(4-alkoxy-3-(1H-tetrazol-1-yl)phenyl) heterocyclic aromatic amide derivatives as xanthine oxidase inhibitors. <b>2022</b> , 127, 105938	O
739	Indolyl-4H-chromenes: Multicomponent one-pot green synthesis, in vitro and in silico, anticancer and antioxidant studies. <b>2022</b> , 1266, 133464	2
738	New thiophene, thienopyridine and thiazoline-based derivatives: Design, synthesis and biological evaluation as antiproliferative agents and multitargeting kinase inhibitors. <b>2022</b> , 127, 105964	1
737	Identification of the effective hmylase inhibitors from Dalbergia odorifera: Virtual screening, spectroscopy, molecular docking, and molecular dynamic simulation. <b>2022</b> , 280, 121448	1
736	Natural-product-inspired design and synthesis of thiolated coenzyme Q analogs as promising agents against Gram-positive bacterial strains: insights into structureEctivity relationship, activity profile, mode of action, and molecular docking. <b>2022</b> , 12, 20507-20518	O
735	Absorption, distribution, metabolism, excretion, and toxicity assessment of drugs using computational tools. <b>2022</b> , 335-355	
734	Oligonucleotides: A therapeutic approach for tackling antimicrobial resistance. <b>2022</b> , 733-754	

733	Importance of two-dimensional cation clusters induced by protein folding in intrinsic intracellular membrane permeability.	
732	Pharmacophore modeling in drug design. <b>2022</b> , 157-179	
731	In Silico Prediction Model of STAT3 Inhibition and in Vivo Antitumor Activity of Cucurbitacin IIb and Kinoin a from Ibervillea Sonorae.	О
730	Study on Medication Rules of Traditional Chinese Medicine Against Inflammatory Breast Cancer Based on Bioinformatics and Network Pharmacology.	
729	Renoprotective and in silico Modeling Studies of Febuxostat in Gentamicin Induced Nephrotoxic Rats. <b>2022</b> , 18, 994-1003	
728	Use of expert elicitation in the field of occupational hygiene: Comparison of expert and observed data distributions. <b>2022</b> , 17, e0269704	
727	Mango in all her majestyEhe potential of mangiferin and its analogues in the inhibition of Eimeria tenella hexokinase∃ computational approach. 1-14	
726	Computational investigation of phytochemicals from Abrus precatorius seeds as modulators of peroxisome proliferator-activated receptor gamma (PPAR) 1-15	2
725	3D-QSAR-Based Pharmacophore Modeling, Virtual Screening, and Molecular Dynamics Simulations for the Identification of Spleen Tyrosine Kinase Inhibitors. 12,	1
724	Forty years of combinatorial technology. <b>2022</b> ,	3
724 723	Forty years of combinatorial technology. 2022,  Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19	0
	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic	
723	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19  Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of	0
723 722	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19  Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of antitubercular and InhA inhibitory activities.  Pathophysiological and Pharmaceutical Considerations for Enhancing the Control of Sarcoptes	0
723 722 721	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19  Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of antitubercular and InhA inhibitory activities.  Pathophysiological and Pharmaceutical Considerations for Enhancing the Control of Sarcoptes scabiei in Wombats Through Improved Transdermal Drug Delivery. 9,  Structural and Biofunctional Insights into the Cyclo(Pro-Pro-Phe-Phe-) Scaffold from Experimental	0 0
723 722 721 720	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19  Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of antitubercular and InhA inhibitory activities.  Pathophysiological and Pharmaceutical Considerations for Enhancing the Control of Sarcoptes scabiei in Wombats Through Improved Transdermal Drug Delivery. 9,  Structural and Biofunctional Insights into the Cyclo(Pro-Pro-Phe-Phe-) Scaffold from Experimental and In Silico Studies: Melanoma and Beyond. 2022, 23, 7173  A combined 2-D and 3-D QSAR modeling, molecular docking study, design, and pharmacokinetic	0 0
723 722 721 720 719	Inhibition of Mycobacterium tuberculosis InhA (Enoyl-acyl carrier protein reductase) by synthetic Chalcones: a molecular modelling analysis and in-vitro evidence. 1-19  Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of antitubercular and InhA inhibitory activities.  Pathophysiological and Pharmaceutical Considerations for Enhancing the Control of Sarcoptes scabiei in Wombats Through Improved Transdermal Drug Delivery. 9,  Structural and Biofunctional Insights into the Cyclo(Pro-Pro-Phe-Phe-) Scaffold from Experimental and In Silico Studies: Melanoma and Beyond. 2022, 23, 7173  A combined 2-D and 3-D QSAR modeling, molecular docking study, design, and pharmacokinetic profiling of some arylimidamide-azole hybrids as superior L. donovani inhibitors. 2022, 46,  Azo-Stilbene and PyridineAmine Hybrid Multifunctional Molecules to Target Metal-Mediated	0 0 0

715	Evaluation of antiplasmodial activity in silico and in vitro of N-acylhydrazone derivatives. 2022, 16,	О
714	DOCKSTRING: Easy Molecular Docking Yields Better Benchmarks for Ligand Design.	1
713	Allosteric modulation of GPCRs: From structural insights to in silico drug discovery. <b>2022</b> , 108242	1
712	Targeting Streptomyces-Derived Streptenol Derivatives against Gynecological Cancer Target PIK3CA: An In Silico Approach. <b>2022</b> , 2022, 1-15	o
711	In Silico Drug Repurposing of FDA-Approved Drugs Highlighting Promacta as a Potential Inhibitor of H7N9 Influenza Virus. <b>2022</b> , 27, 4515	О
710	A Novel Multifunctional 5,6-Dimethoxy-Indanone-Chalcone-Carbamate Hybrids Alleviates Cognitive Decline in Alzheimer Disease by Dual Inhibition of Acetylcholinesterase and Inflammation. 14,	O
709	Exploration of chalcones as 3-chymotrypsin-like protease (3CLpro) inhibitors of SARS-CoV-2 using computational approaches.	
708	SMILES-based 2D-QSAR and similarity search for identification of potential new scaffolds for development of SARS-CoV-2 MPRO inhibitors.	O
707	In silico drug design and molecular docking of novel amidophosphonates and sulfamidophosphonates as inhibitors of urokinase-type plasminogen activator. <b>2022</b> , 100650	О
706	Promising disruptors of p53-MDM2 dimerization from some medicinal plant phytochemicals: a molecular modeling study. 1-10	O
705	Identification of Cyanobacteria-Based Natural Inhibitors Against SARS-CoV-2 Druggable Target ACE2 Using Molecular Docking Study, ADME and Toxicity Analysis.	О
704	A computational chemistry-driven hypothesis on the mode of action of Hipposudoric Acid and related analogs.	O
703	Allosteric Modulation of the Main Protease (MPro) of SARS-CoV-2 by CasticinIhsights from Molecular Dynamics Simulations.	2
702	LEGO-Lipophosphonoxins: A Novel Approach in Designing Membrane Targeting Antimicrobials.	1
701	Pharmacokinetic Optimization of Small Molecule Janus Kinase 3 Inhibitors to Target Immune Cells.	1
700	Facile synthesis of new N1-alkylated 1H-indazole-3-carboxamide derivatives as potential anticancer agents: in vitro, ADMET prediction, and SAR studies. <b>2022</b> , 133727	1
699	Harnessing systematic protein ligand interaction fingerprints for drug discovery. 2022,	2
698	Identification of Novel Dopamine D2 Receptor Ligands Combined In Silico/In Vitro Approach. <b>2022</b> , 27, 4435	O

697	Structure-based virtual screening for identification of potential non-steroidal LXR modulators against neurodegenerative conditions. <b>2022</b> , 106150	
696	Synthesis of novel carboxamide- and carbohydrazide-benzimidazoles as selective butyrylcholinesterase inhibitors.	
695	Virtual Screening and Testing of GSK-3 Inhibitors Using Human SH-SY5Y Cells Expressing Tau Folding Reporter and Mouse Hippocampal Primary Culture under Tau Cytotoxicity. <b>2022</b> ,	1
694	Chalcones as Anti-Glioblastoma Stem Cell Agent Alone or as Nanoparticle Formulation Using Carbon Dots as Nanocarrier. <b>2022</b> , 14, 1465	O
693	Palladium(II) Complexes of Substituted Salicylaldehydes: Synthesis, Characterization and Investigation of Their Biological Profile. <b>2022</b> , 15, 886	0
692	HARIBOSS: a curated database of RNA-small molecules structures to aid rational drug design.	1
691	Advances in computational methods along the exposure to toxicological response paradigm. <b>2022</b> , 450, 116141	0
690	Design, synthesis, and biological evalution of bifunctional inhibitors against Hsp90-HDAC6 interplay. <b>2022</b> , 240, 114582	Ο
689	Hit-to-lead optimization of novel phenyl imidazole carboxamides that are active against Leishmania donovani. <b>2022</b> , 240, 114577	
688	Discovery of novel human lactate dehydrogenase inhibitors: Structure-based virtual screening studies and biological assessment. <b>2022</b> , 240, 114605	Ο
687	Experimental spectra, electronic properties (liquid and gaseous phases) and activity against SARS-CoV-2 main protease of Fluphenazine dihydrochloride: DFT and MD simulations. <b>2022</b> , 1267, 133633	
686	Targeted alleviation of ischemic stroke reperfusion via atorvastatin-ferritin Gd-layered double hydroxide. <b>2023</b> , 20, 126-136	2
685	Synthetic Approach to Diversified Imidazo $[2,1-b][1,3]$ thiazines and Its Evaluation as Non-Steroidal Anti-Inflammatory Agents $\square$	
684	Antiproliferative Effect and Autophagy Inhibition of Dihydropyrimidinone-Cinnamic Acid Hybrids. <b>2022</b> , 7,	
683	A mechanistic study of the antibacterial activity of phytoconstituents of Pyracantha crenulata by using molecular docking studies. <b>2022</b> , 02,	
682	A Cheminformatics Study Regarding the Human Health Risks Assessment of the Stereoisomers of Difenoconazole. <b>2022</b> , 27, 4682	1
681	Design, synthesis and biological evaluation of novel dihydrobenzodioxine derivatives as HBV capsid protein inhibitors. <b>2022</b> , 106052	
680	Pathogenomic in silico approach identifies NSP-A and Fe-IIISBP as possible drug targets in Neisseria Meningitidis MC58 and development of pharmacophores as novel therapeutic candidates.	

679	Formulation and In Vitro Characterization of a Vacuum-Dried Drug <b>P</b> olymer Thin Film for Intranasal Application. <b>2022</b> , 14, 2954	Ο
678	Regioselective Synthesis of 5- and 3-Hydroxy-N-Aryl-1H-Pyrazole-4-Carboxylates and Their Evaluation as Inhibitors of Plasmodium falciparum Dihydroorotate Dehydrogenase. <b>2022</b> , 27, 4764	
677	One-Pot Microwave-Assisted Synthesis, in Vitro Anti-inflammatory Evaluation and Computer-Aided Molecular Design of Novel Sulfamide-Containing Bisphosphonates Derivatives. <b>2022</b> , 7,	Ο
676	Tandem synthesis, cytotoxicity, and in silico study of new 1,3,4-oxadiazoles as potential thymidylate synthase inhibitors.	2
675	Designing antibodies as therapeutics. <b>2022</b> , 185, 2789-2805	8
674	Introduction to Chemistry Manufacturing and Controls From Compound and Development Candidate to Drug. <b>2022</b> , 99-118	
673	Green Synthesis, Biological Evaluation, and Molecular Docking of 4'-(Substituted Phenyl)Spiro[Indoline-3,3'-[1,2,4]Triazolidine]-2,5'-Diones. 1-13	0
672	Smart design of patient centric long-acting products: from preclinical to marketed pipeline trends and opportunities.	Ο
671	A curated binary pattern multitarget dataset of focused ATP-binding cassette transporter inhibitors. <b>2022</b> , 9,	1
670	In-silico Computational Investigations of AntiViral Lignan Derivatives as Potent Inhibitors of SARS CoV-2. <b>2022</b> , 7,	
669	Dicationic protic ionic liquids based on N,N,N',N'-tetrakis(2-hydroxyethyl)ethylenediamine. <b>2022</b> , 363, 119891	1
668	Synthesis and Evaluation of 1,3-Dimethylbarbituric Acid Based Enamine Derivatives as Anti-Alzheimer Agent.	
667	In Silico Study of Selected Natural Products as SARS-CoV-2 MPro Binder: Molecular Docking and Molecular Dynamics Simulation. 1-13	
666	Docking and Molecular Dynamics Study to Identify Novel Phytobiologics from Dracaena trifasciata against Metabolic Reprogramming in Rheumatoid Arthritis. <b>2022</b> , 12, 1148	
665	Spectroscopic and Molecular Docking Studies of a Novel Biologically Active Heterocyclic Compound 2-Chloro-6-Methoxypyridine-4-Carboxylic Acid by Quantum Computational Method. 1-33	
664	Synthetic approaches to constructing proteolysis targeting chimeras (PROTACs). <b>2022</b> , 32, 419-432	
663	Molecular Physicochemical Properties of Selected Pesticides as Predictive Factors for Oxidative Stress and Apoptosis-Dependent Cell Death in Caco-2 and HepG2 Cells. <b>2022</b> , 23, 8107	1
662	Principles and Methods of the Pharmaceutical Drug Discovery Process From Idea over Target to a Development Candidate. <b>2022</b> , 37-61	

661 Molecular basis for the enzymatic macrocyclization of multiply backbone N-methylated peptides. Discovery of the Anticancer Activity for Lung and Gastric Cancer of a Brominated Coelenteramine 660 Analog. **2022**, 23, 8271 SwissADME Predictions of Drug-Likeness of 5-Nitro Imidazole Derivatives as Potential 659 Antimicrobial and Antifungal Agents.

	Antimicrobiat and Antirungat Agents.	
658	Molecular docking and molecular dynamic simulations of apoptosis proteins with potential anticancer compounds present in Clinacanthus nutans extract using gas chromatographythass spectrometry. 1-17	
657	BTZ-Derived Benzisothiazolinones with In Vitro Activity against Mycobacterium tuberculosis. <b>2022</b> , 13, 1302-1310	1
656	New oxacycles on the block: benzodioxepinones via a Passerini reaction.	
655	Biphenyl Backbone-Based (Bis)Urea and (Bis)Thiourea Derivatives as Antimicrobial and Antioxidant Agents and Evaluation of Docking Studies and ADME Properties. 1-25	
654	Molecular docking, simulation and binding free energy analysis of small molecules as PfHT1 inhibitors. <b>2022</b> , 17, e0268269	
653	N?-Substituted 4-Phenylpicolinohydrazonamides with Thiosemicarbazone Moiety as New Potential Antitubercular Agents: Synthesis, Structure and Evaluation of Antimicrobial Activity. <b>2022</b> , 15, 5513	О
652	Alpinumisoflavone against cancer pro-angiogenic targets: In silico, In vitro, and In ovo evaluation.	
651	Molecular Dereplication and In Vitro and In Silico Pharmacological Evaluation of Coriandrum sativum against Neuroblastoma Cells. <b>2022</b> , 27, 5389	0
650	Computational Investigations of Coumarin Derivatives as Cyclin-Dependent Kinase 9 Inhibitors Using 3D-QSAR, Molecular Docking and Molecular Dynamics Simulation. <b>2022</b> , 18,	Ο
649	Biomolecular condensates: new opportunities for drug discovery and RNA therapeutics. 2022,	1
648	LipMetE (Lipophilic Metabolism Efficiency) as a Simple Guide for Half-Life and Dosing Regimen Prediction of Oral Drugs.	1
647	A combined study on structures and vibrational spectra of the antiviral rimantadine using SQMFF and DFT calculations. <b>2022</b> , 8, e10102	O
646	Fusidic Acid Microemulsion Based on a Pseudoternary Phase Diagram: Development, Characterization, and Evaluation.	
645	Mangiferin/tyclodextrin complex: determination of the Inclusion constant in aqueous solution by Higuchitonnors method and molecular absorption and photoluminescence UV spectroscopies at pH 3.4.	0
644	Templated generation of a Bcl-xL inhibitor by isomer-free SPAAC based on azacyclonon-5-yne.	1

643	Pro-Apoptotic Antitumoral Effect of Novel Acridine-Core Naphthoquinone Compounds against Oral Squamous Cell Carcinoma. <b>2022</b> , 27, 5148	1
642	Design, Synthesis and Cytotoxic Evaluation of N-acylhydrazone-Incorporated Isoxazolo[4,5-d]pyridazin-4(5H)-one Derivatives.	Ο
641	Antiproliferative Copper(II) Complexes Bearing Mixed Chelating Ligands: Structural Characterization, ROS Scavenging, In Silico Studies, and Anti-Melanoma Activity. <b>2022</b> , 14, 1692	
640	Cinnamic Acid Attenuates Peripheral and Hypothalamic Inflammation in High-Fat Diet-Induced Obese Mice. <b>2022</b> , 14, 1675	1
639	Targeting RNA structures with small molecules.	6
638	(⊪cleistenolide and its Analogs as New Potential Antitumor Compounds Against PC-3 Cells.	
637	Synthesis, anticholinesterase activity, molecular docking, and molecular dynamic simulation studies of 1,3,4-oxadiazole derivatives.	1
636	Phytovid19: a compilation of phytochemicals research in coronavirus.	
635	Evaluation of the Anti-Leishmania mexicana and -Trypanosoma brucei Activity and Mode of Action of 4,4?-(Arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol). <b>2022</b> , 10, 1913	
634	EMetalated isocyanides towards a tangible reagent space.	
633	A computational study to target necroptosis via RIPK1 inhibition. 1-16	
632	Unraveling the multi-targeted curative potential of bioactive molecules against cervical cancer through integrated omics and systems pharmacology approach. <b>2022</b> , 12,	O
631	Virtual Screening Identifies Novel and Potent Inhibitors of Mycobacterium tuberculosis PknB with Antibacterial Activity.	1
630	Synthesis, Design, and Structure-Activity Relationship of a Benzenesulfonylpiperazine Series Against Trypanosoma Cruzi.	
629	Comprehensive Transcriptomic Analysis of Novel Class I HDAC Proteolysis Targeting Chimeras (PROTACs).	0
628	Active Antialopecia Chemical Identification of Merremia peltata Leaves and Computational Study toward Androgen Receptor Using Molecular Docking and Molecular Dynamic Simulation. <b>2022</b> , 2022, 1-17	O
627	Exploring flexibility, intermolecular interactions and ADMET profiles of anti-influenza agent isorhapontigenin: A quantum chemical and molecular docking study. <b>2022</b> , 8, e10122	О
626	Identification of Novel Inhibitor of Enoyl-Acyl Carrier Protein Reductase (InhA) Enzyme in Mycobacterium tuberculosis from Plant-Derived Metabolites: An In Silico Study. <b>2022</b> , 11, 1038	2

625 Machine Learning Informs RNA-Binding Chemical Space.

624	Molecular docking and in vitro anticancer studies of silver(I)-N-heterocyclic carbene complexes. <b>2022</b> , 8, e10133	O
623	Uptake and Immunomodulatory Properties of Betanin, Vulgaxanthin I and Indicaxanthin towards Caco-2 Intestinal Cells. <b>2022</b> , 11, 1627	0
622	The past, present, and future of antibiotics. <b>2022</b> , 14,	13
621	In Vitro Inhibition Profiles and Molecular Docking Analysis of Benzohydrazide Derivatives on Red Blood Cell Carbonic Anhydrases Isozymes. <b>2022</b> , 18,	
620	Novel 1-hydroxy phenothiazinium-based derivative protects against bacterial sepsis by inhibiting AAK1-mediated LPS internalization and caspase-11 signaling. <b>2022</b> , 13,	O
619	Insights into the Pharmacogenetics of Tacrolimus Pharmacokinetics and Pharmacodynamics. <b>2022</b> , 14, 1755	О
618	Inhibition of Hepatitis E Virus Replication by Novel Inhibitor Targeting Methyltransferase. <b>2022</b> , 14, 1778	
617	A systematic study of traditional Chinese medicine treating hepatitis B virus-related hepatocellular carcinoma based on target-driven reverse network pharmacology. 12,	1
616	Discovery of Novel HSP27 Inhibitors as Prospective Anti-Cancer Agents Utilizing Computer-Assisted Therapeutic Discovery Approaches. <b>2022</b> , 11, 2412	O
615	Identification of novel inhibitors for mycobacterial polyketide synthase 13 via in silico drug screening assisted by the parallel compound screening with genetic algorithm-based programs.	О
614	In Vitro and In Silico Study to Assess Toxic Mechanisms of Hybrid Molecules of Quinone-Benzocaine as Plastoquinone Analogues in Breast Cancer Cells.	1
613	Screening of drug candidates against Endothelin-1 to treat hypertension using computational based approaches: Molecular docking and dynamics simulation. <b>2022</b> , 17, e0269739	О
612	Pharmacokinetics and molecular docking of novel antineoplastic sesquiterpene lactone from Tarchonanthus camphoratus L: an in silico approaches.	
611	[3 + 2] Cycloaddition synthesis of new (nicotinonitrile-chromene) hybrids linked to pyrazole units as potential acetylcholinesterase inhibitors. <b>2022</b> , 52, 1672-1684	4
610	Covalent Proteomimetic Inhibitor of the Bacterial FtsQB Divisome Complex. <b>2022</b> , 144, 15303-15313	O
609	Discovery of natural products to block SARS-CoV-2 S-protein interaction with Neuropilin-1 receptor: A molecular dynamics simulation approach. <b>2022</b> , 170, 105701	
608	Biometabolites of Tamarindus indica play a remarkable cardioprotective role as a functional food in doxorubicin-induced cardiotoxicity models. <b>2022</b> , 96, 105212	

607	Exploring molecular docking with E-pharmacophore and QSAR models to predict potent inhibitors of 14-Edemethylase protease from Moringa spp. <b>2022</b> , 4, 100147	1
606	Novel benzoxazinone derivative as potent human neutrophil elastase inhibitor: Potential implications in lung injury. <b>2022</b> , 931, 175187	1
605	Janus kinase (JAK) inhibitors in the treatment of neoplastic and inflammatory disorders. <b>2022</b> , 183, 106362	О
604	Bottlenecks and opportunities in antibiotic discovery against Mycobacterium tuberculosis. <b>2022</b> , 69, 102191	1
603	Predicting 2H NMR acyl chain order parameters with graph neural networks. <b>2022</b> , 100, 107750	
602	Novel N-(4-thiocyanatophenyl)-1H-1,2,3-triazole-4-carboxamides exhibit selective cytotoxic activity at nanomolar doses towards human leukemic T-cells. <b>2022</b> , 241, 114633	1
601	Reverse molecular docking and deep-learning to make predictions of receptor activity for neurotoxicology. <b>2022</b> , 24, 100238	
600	Design and synthesis of some new 6-bromo-2-(pyridin-3-yl)-4-substituted quinazolines as multi tyrosine kinase inhibitors. <b>2022</b> , 128, 106099	O
599	Synthesis, vibrational spectra, Hirshfeld surface analysis, DFT calculations, and in silico ADMET study of 3-(2-chloroethyl)-2,6-bis(4-fluorophenyl)piperidin-4-one: A potent anti-Alzheimer agent. <b>2022</b> , 1269, 133845	О
598	Out of control: The need for standardised solvent approaches and data reporting in antibiofilm assays incorporating dimethyl-sulfoxide (DMSO). <b>2022</b> , 4, 100081	
597	Indole-based hydrazone derivatives: Synthesis, cytotoxicity assessment, and molecular modeling studies. <b>2022</b> , 1270, 133936	О
596	Reliable Prediction of Caco-2 Permeability by Supervised Recursive Machine Learning Approaches. <b>2022</b> , 14, 1998	О
595	Eco-friendly methods of synthesis and preliminary biological evaluation of sulfonamide derivatives of cyclic arylguanidines. <b>2022</b> , 106165	O
594	Multi-target Inhibitory Potency of Active Metabolites Dictates the Antimicrobial Activity of Indigenous Medicinal Plant Leucas biflora: GC-MS Analysis, Biological Evaluations, and Molecular Docking Studies. 1-11	O
593	Design, synthesis, antigiardial and in silico assessments of novel propargylamines containing nitroimidazole core. <b>2022</b> , 124, 133007	О
592	Nucleic acid therapy in pediatric cancer. <b>2022</b> , 184, 106441	1
591	Molecular interactions of hesperidin with DMPC/cholesterol bilayers. 2022, 366, 110131	1
590	LC/Q-TOF MS and LC/QQQ MS based bioanalysis of a new ferrocene derivative as a potential anticancer lead with promising drug-like characteristics. <b>2022</b> , 1210, 123469	О

589	A comprehensive and systematic review on potential anticancer activities of eugenol: From pre-clinical evidence to molecular mechanisms of action. <b>2022</b> , 107, 154456	3
588	Diagnostic and therapeutic potential of protease inhibition. <b>2022</b> , 88, 101144	O
587	Design, synthesis, and molecular docking of novel pyrazole-chalcone analogs of lonazolac as 5-LOX, iNOS and tubulin polymerization inhibitors with potential anticancer and anti-inflammatory activities. <b>2022</b> , 129, 106171	3
586	Applications of machine learning in computer-aided drug discovery. <b>2022</b> , 3,	O
585	Peptides and Their Delivery to the Brain. <b>2022</b> , 237-266	O
584	Novel quinoxaline derivatives as dual EGFR and COX-2 inhibitors: synthesis, molecular docking and biological evaluation as potential anticancer and anti-inflammatory agents. <b>2022</b> , 12, 25204-25216	1
583	In silico screening of active compounds from soursop, mimosa, reeds, and Pandanus leaves as inhibitors for xanthine oxidase. <b>2022</b> ,	О
582	Proteolysis-targeting chimeras (PROTACs) as novel biotechnology for cancer therapy. <b>2022</b> , 71-88	O
581	Discovery of Highly-Functionalized 5-Hydroxy- <i>2H</i> -Pyrrol-2-Ones that Exhibit Antiestrogenic Effects in Breast and Endometrial Cancer Cells and Potentiate the Antitumoral Effect of Tamoxifen.	0
580	Supercritical Fluid Chromatography for Chiral Analysis and Semi-preparative Purification. 2022,	O
579	Natural product-based PROteolysis TArgeting Chimeras (PROTACs).	1
578	Computational demonstration of cheminformatics and machine learning in coronavirus drug discovery. <b>2022</b> , 219-233	O
577	Computational study of quinoline-based thiadiazole compounds as potential antileishmanial inhibitors. <b>2022</b> , 46, 17554-17576	О
576	Synthesis and biological activity, and molecular modelling studies of potent cytotoxic podophyllotoxin-naphthoquinone compounds. <b>2022</b> , 12, 22004-22019	5
575	Polymeric micelles for drug delivery in oncology with an emphasis on siRNA conveyance. <b>2022</b> , 199-284	O
574	Molecular Docking, Validation, Dynamics Simulations, and Pharmacokinetic Prediction of Phytochemicals Isolated From Croton dichogamus Against the HIV-1 Reverse Transcriptase. <b>2022</b> , 16, 117793222211256	O
573	Experimental, insilico, DFT studies of novel compound 2-{2-[(3,4-dimethoxyphenyl)methylidene]hydrazinecarbonothioyl}-N-methyl-N-phenylhydrazine-1-carbothioamide. <b>2022</b> , 4, 100534	0
572	QuinolineBydrazone hybrids as dual mutant EGFR inhibitors with promising metallic nanoparticle loading: rationalized design, synthesis, biological investigation and computational studies. <b>2022</b> , 46, 18207-18232	1

571	Synthesis, chemical characterization, and biological evaluation of a novel auranofin derivative as an anticancer agent. <b>2022</b> , 51, 13527-13539	2
570	Computationally Repurposed Natural Products Targeting SARS-CoV-2 Attachment and Entry Mechanisms. <b>2022</b> , 505-537	Ο
569	Molecular Docking Studies and in silico ADMET Screening of Indazole Scaffolds as VEGFR and Enoyl-ACP (CoA) Reductase Inhibitors. <b>2022</b> , 34, 2311-2317	Ο
568	Antifungal activity of linalool against fluconazole-resistant clinical strains of vulvovaginal Candida albicans and its predictive mechanism of action. 55,	1
567	A biopharmaceutics perspective on oral peptide developability and drug delivery. 2022, 87-130	Ο
566	Kukoamine A activates Akt/GSK-3喙ignaling pathway to inhibit oxidative stress and relieve myocardial ischemia-reperfusion injury. <b>2022</b> , 37,	Ο
565	In Silico Drug Design and in Vivo Acute Toxicity Assay of Chalcone Analogs with Biological Antiparkinsonian Activity. <b>2022</b> , 361-387	Ο
564	Technological Mapping of Plant-Derived Immunomodulator Drugs: A Patent-Guided Overview about Species and its Main Compounds. <b>2022</b> , 519-541	Ο
563	From DEL Selections to Validated Hits to Clinical Leads. <b>2022</b> ,	Ο
562	A network pharmacology integrated pharmacokinetics strategy to investigate the pharmacological mechanism of absorbed components from crude and processed Zingiberis Rhizoma on deficiency-cold and hemorrhagic syndrome. <b>2023</b> , 301, 115754	Ο
561	Computational analysis of natural product B-Raf inhibitors. <b>2023</b> , 118, 108340	О
560	Upregulation of p53 through induction of MDM2 degradation: improved potency through the introduction of an alkylketone sidechain on the anthraquinone core. <b>2022</b> , 37, 2370-2381	Ο
559	In silico phytochemicals analysis as inhibitors of the SARS-COV-2 main protease. <b>2022</b> , 8, 038-045	О
558	In silico prediction of the animal susceptibility and virtual screening of natural compounds against SARS-CoV-2: Molecular dynamics simulation based analysis. 13,	Ο
557	Multi-Condition QSAR Model for the Virtual Design of Chemicals with Dual Pan-Antiviral and Anti-Cytokine Storm Profiles. <b>2022</b> , 7, 32119-32130	О
556	Synthesis, Biological Activity, and Computational Study of 1-[5-(4-Methylthiazol-5-yl)-2-phenyl-1,3,4-oxadiazol-3(2H)-yl]ethanone Derivatives. <b>2022</b> , 92, 1511-1518	O
555	Polyfunctionalized Phenyl-tert-butyl(benzyl)nitrones: Multifunctional Antioxidants for Stroke Treatment. <b>2022</b> , 11, 1735	Ο
554	Apoptotic and Cell Cycle Effects of Triterpenes Isolated from Phoradendron wattii on Leukemia Cell Lines. <b>2022</b> , 27, 5616	О

553	Synthesis of N-Substituted Iminosugar C-Glycosides and Evaluation as Promising ⊞Glucosidase Inhibitors. <b>2022</b> , 27, 5517	0
552	Modulation of mitochondrial permeability transition pore opening by Myricetin and prediction of its-drug-like potential using in silico approach. 1-11	Ο
551	Cheminformatics Identification of Phenolics as Modulators of Penicillin-Binding Protein 2a of Staphylococcus aureus: A Structure Activity-Relationship-Based Study. <b>2022</b> , 14, 1818	5
550	Fast-Fed Variability: Insights into Drug Delivery, Molecular Manifestations, and Regulatory Aspects. <b>2022</b> , 14, 1807	Ο
549	Acridone Alkaloids: In-Silico Investigation Against SARS-CoV-2 Main Protease.	O
548	Molecular modeling study of methylxanthines and tannins as	Ο
547	Uncovering the pharmacology of Ginkgo biloba folium in the cell-type-specific targets of Parkinson disease. 13,	O
546	Synthesis, Biological Evaluation, and Molecular Modeling Studies of 1-Aryl-1H-pyrazole-Fused Curcumin Analogues as Anticancer Agents. <b>2022</b> , 7, 33963-33984	O
545	In silico screening of the phytochemicals present in Clitoria ternatea L. as the inhibitors of snake venom phospholipase A2 (PLA2). 1-10	0
544	An in vitro and in silico tamylase/tglucosidase/protein tyrosine phosphatase 1 beta & amp; radical scavenging profiling of the 3,5,7-tricarbo substituted 1H-indazoles.	Ο
543	Cyclodipeptides: From Their Green Synthesis to Anti-Age Activity. 2022, 10, 2342	О
542	Targeting firing rate neuronal homeostasis can prevent seizures.	1
541	New insights on the phytochemical intervention for the treatment of neuropsychiatric disorders using the leaves of Michelia champaca: an in vivo and in silico approach. <b>2022</b> , 60, 1656-1668	5
540	One of the active ingredients in Paeoniae Radix Alba functions as JAK1 inhibitor in rheumatoid arthritis. 13,	Ο
539	Hydroquinones Inhibit Biofilm Formation and Virulence Factor Production in Staphylococcus aureus. <b>2022</b> , 23, 10683	0
538	Positive Allosteric Modulators of Glycine Receptors and Their Potential Use in Pain Therapies. <b>2022</b> , 74, 933-961	Ο
537	Design, Synthesis, and Characterization of Stapled Oligosaccharides.	O
536	Structure and cytotoxic properties of 1-hydroxy-5-methyl-7-phenylpyrido[3,4-d]pyridazin-4(3H)-one and its mono- and disubstituted ethyl acetates. <b>2022</b> , 78, 559-569	O

535	Characterization of Crystals Isolated from the Caesalpinia sappan Seeds: A Comparative In Silico Analysis on Bioactivity of Sappan Diterpenoids. <b>2023</b> , 413-425	0
534	Virtual screening of sulfur compounds of Allium against coronavirus proteases: E-Ajoene is a potential dual protease targeting covalent inhibitor. 1-16	O
533	Molecular design, synthesis and biological evaluation of novel 1,2,5-trisubstituted benzimidazole derivatives as cytotoxic agents endowed with ABCB1 inhibitory action to overcome multidrug resistance in cancer cells. <b>2022</b> , 37, 2710-2724	О
532	Local Delivery of Therapeutics to the Cochlea Using Nanoparticles and Other Biomaterials. <b>2022</b> , 15, 1115	O
531	Paradoxical Increase of Permeability and Lipophilicity with the Increasing Topological Polar Surface Area within a Series of PRMT5 Inhibitors. <b>2022</b> , 65, 12386-12402	О
530	Developing HDAC4-Selective Protein Degraders To Investigate the Role of HDAC4 in Huntington Disease Pathology. <b>2022</b> , 65, 12445-12459	2
529	One-pot synthesis, molecular docking, ADMET, and DFT studies of novel pyrazolines as promising SARS-CoV-2 main protease inhibitors.	2
528	Synthesis and anti-influenza virus activity evaluation of novel andrographolide derivatives.	O
527	Predictive Pharmacokinetics. <b>2022</b> , 148-177	0
526	Strategies for the discovery of oral PROTAC degraders aimed at cancer therapy. <b>2022</b> , 101062	O
525	Novel 5-Nitrofuran-Tagged Imidazo-Fused Azines and Azoles Amenable by the Groebke <b>B</b> lackburn <b>B</b> ienaym[Multicomponent Reaction: Activity Profile against ESKAPE Pathogens and Mycobacteria. <b>2022</b> , 10, 2203	0
524	Salmonella enterica Infections Are Disrupted by Two Small Molecules That Accumulate within Phagosomes and Differentially Damage Bacterial Inner Membranes.	O
523	Rational Design and Synthesis of New Selective COX-2 Inhibitors with In Vivo PGE2-Lowering Activity by Tethering Benzenesulfonamide and 1,2,3-Triazole Pharmacophores to Some NSAIDs. <b>2022</b> , 15, 1165	0
522	Development of 3D-QSAR and pharmacophoric models to design new anti-Trypanosoma cruzi agents based on 2-aryloxynaphthoquinone scaffold. <b>2022</b> , 33, 701-728	O
521	Synthesis, antimicrobial properties and in silico studies of aryloxyacetic acid derivatives with hydrazone or thiazolidine-4-one scaffold. 1-12	0
520	Ethyl 5-Oxo-5-(((12-oxoindolo[2,1-b]quinazolin-6(12H)-ylidene)amino)oxy)pentanoate. <b>2022</b> , 2022, M1451	O
519	Network Analysis of the Herb <b>D</b> rug Interactions of Citrus Herbs Inspired by the <b>G</b> rapefruit Juice Effect[]	1
518	Peptides as Pharmacological Carriers to the Brain: Promises, Shortcomings and Challenges.	1

517	GC-MS Screening of Adiantum lunulatum Burm. F Phytochemicals and interaction with COX-2, TRPV1, and TRPC3 proteins-bioinformatics approach <b>2022</b> , 18,	O
516	Selinexor (Xpovio), An XPO1 Inhibitor and A New Class of Therapeutics for Treating Multiple Myeloma. <b>2022</b> , 253-264	O
515	In silico approach identified benzoylguanidines as SARS-CoV-2 main protease (Mpro) potential inhibitors. 1-14	1
514	Computational POM and DFT evaluation of phycocyanin and its derivatives as a potential anticancer agent. <b>2022</b> ,	O
513	Hizikia fusiforme functional oil (HFFO) prevents neuroinflammation and memory deficits evoked by lipopolysaccharide/aluminum trichloride in zebrafish. 14,	O
512	Scaffold and structural diversity of the secondary metabolite space of medicinal fungi.	O
511	Recent advances in dopamine D 2 receptor ligands in the treatment of neuropsychiatric disorders.	1
510	Mechanistic Study on Transformation of Coamorphous Baicalein-Nicotinamide to Its Cocrystal Form. <b>2022</b> ,	O
509	Novel TRKB agonists activate TRKB and downstream ERK and AKT signaling to protect A取FP SH-SY5Y cells against A雕oxicity. <b>2022</b> , 14, 7568-7586	2
508	Pharmacokinetics and Toxicology of Pharmaceutical Excipients. 2022, 168-181	O
507	High-content phenotypic screen to identify small molecule enhancers of Parkin-dependent ubiquitination and mitophagy.	О
506	Anticholinesterase compounds from endemic Prangos uechtritzii.	O
505	A New Formulation for the Concerted Alchemical Calculation of van der Waals and Coulomb Components of Solvation Free Energies.	O
504	Comparative inhibitory screening of phytoconstituents from Capparis decidua against various ailments targets: a novel In-silico semblance ADME/Tox profiling studies.	O
503	Hydroquinones Including Tetrachlorohydroquinone Inhibit Candida albicans Biofilm Formation by Repressing Hyphae-Related Genes.	O
502	Targeting Echinococcus multilocularis PIM kinase for improving anti-parasitic chemotherapy. <b>2022</b> , 16, e0010483	O
501	Time Matters In vitro Cellular Disposition Kinetics Help Rationalizing Cellular Potency Disconnects. 1-39	O
500	The Anti-Sepsis Effect of Isocorydine Screened from Guizhou Ethnic Medicine is Closely Related to Upregulation of Vitamin D Receptor Expression and Inhibition of NFB p65 Translocation into the Nucleus. Volume 15, 5649-5664	1

499	Theoretical structural analysis (FT-IR, FT-R), solvent effect on electronic parameters NLO, FMO, NBO, MEP, UV (IEFPCM model), Fukui function evaluation with pharmacological analysis on methyl nicotinate. <b>2022</b> , 1217, 113890	О
498	Antitumor potential of novel 5時間ibromo steroidal D-homo lactone. <b>2022</b> , 188, 109118	1
497	Virtual Screening of Phosphoethanolamine Methyltransferase, PEAMT Inhibitors Based on Molecular Docking. <b>2022</b> , 10, 318-327	O
496	Biocompatibility and Toxicity Perspective for the Development of Nanomaterials for Cancer Detection and Treatment. <b>2022</b> , 277-301	O
495	Virtual Screening of Bursaphelenchus xylophilus AChE Inhibitors Based on Molecular Docking from the Natural Products Database. <b>2022</b> , 10, 307-317	O
494	Niloticin binds to MD-2 to promote anti-inflammatory pathway activation in macrophage cells. <b>2022</b> , 36, 039463202211330	O
493	Advanced approaches of developing targeted covalent drugs.	O
492	Synthesis, Biological Evaluation and Machine Learning Prediction Model for Fluorinated Cinchona Alkaloid-Based Derivatives as Cholinesterase Inhibitors. <b>2022</b> , 15, 1214	O
491	Design, Synthesis and Biological Evaluation of Biscarbamates as Potential Selective Butyrylcholinesterase Inhibitors for the Treatment of Alzheimer Disease. <b>2022</b> , 15, 1220	1
490	Towards design of drugs and delivery systems with the Martini coarse-grained model. 1-51	1
489	Identification of multi-kinase allosteric inhibitors of oncogenic targets EGFR1, PI3 & amp; BRAF Kinase. <b>2022</b> , 19,	O
488	Targeting COVID-19 pandemic: in silico evaluation of 2-hydroxy-1, 2-diphenylethanone N(4)-methyl-N(4)-phenylthiosemicarbazone as a potential inhibitor of SARS-CoV-2.	O
487	3D QSAR pharmacophore based lead identification of G9a lysine methyltransferase towards epigenetic therapeutics. 1-19	O
486	Phytochemical characterization of Styrax benzoin resin extract, molecular docking, ADME, and antibacterial activity study. 1-6	O
485	kinCSM: Using graph-based signatures to predict small molecule CDK2 inhibitors. 2022, 31,	О
484	Stimuli-responsive platinum and ruthenium complexes for lung cancer therapy. 13,	O
483	A fast-killing tyrosine amide ((S)-SW228703) with blood and liver-stage antimalarial activity associated with the Cyclic Amine Resistance Locus (PfCARL).	О
482	The thiophene 社erthienylmethanol isolated from Tagetes minuta inhibits angiogenesis by targeting protein kinase C isozymes 由nd 型. 13,	O

481	Polymyxin B Activity Rescue by (IPCamphene-Based Thiosemicarbazide Against Carbapenem-Resistant Enterobacterales. <b>2022</b> , 28, 962-971	O
480	Pharmacophore study, molecular docking and molecular dynamic simulation of virgin coconut oil derivatives as anti-inflammatory agent against COX-2. <b>2022</b> , 9,	O
479	In Silico and In Vitro Studies of Benzothiazole-Isothioureas Derivatives as a Multitarget Compound for Alzheimer Disease. <b>2022</b> , 23, 12945	1
478	Combined Bioinformatics and Combinatorial Chemistry Tools to Locate Drug-Able Anti-TB Phytochemicals: A Cost-Effective Platform for Natural Product-Based Drug Discovery.	O
477	Formation of supramolecular channels by reversible unwinding-rewinding of bis(indole) double helix via ion coordination. <b>2022</b> , 13,	1
476	Computational Studies on Selected Macrolides Active against Escherichia coli Combined with the NMR Study of Tylosin A in Deuterated Chloroform. <b>2022</b> , 27, 7280	O
475	Synthesis, Conformational Analysis and Evaluation of the 2-aryl-4-(4-bromo-2-hydroxyphenyl)benzo[1,5]thiazepines as Potential ⊞lucosidase and/or ⊞Amylase Inhibitors. <b>2022</b> , 27, 6935	O
474	An in vitro study of the 5-methyl- and 5-bromo/chloro substituted 2-hydroxy-3-nitrochalcones as Bulcosidase and/or   mylase inhibitors with potential anti-inflammatory activity. 2022, 31, 2243-2259	O
473	A Novel Streptococcus thermophilus FUA329 Isolated from Human Breast Milk Capable of Producing Urolithin A from Ellagic Acid. <b>2022</b> , 11, 3280	2
472	Natural acylated flavonoids: their chemistry and biological merits in context to molecular docking studies.	1
471	CADMA-Chem: A Computational Protocol Based on Chemical Properties Aimed to Design Multifunctional Antioxidants. <b>2022</b> , 23, 13246	2
470	Cheminformatics Identification and Validation of Dipeptidyl Peptidase-IV Modulators from Shikimate Pathway-Derived Phenolic Acids towards Interventive Type-2 Diabetes Therapy. <b>2022</b> , 12, 937	O
469	Characterization of the binding of MRTX1133 as an avenue for the discovery of potential KRASG12D inhibitors for cancer therapy. <b>2022</b> , 12,	0
468	The Discovery of Small Allosteric and Active Site Inhibitors of the SARS-CoV-2 Main Protease via Structure-Based Virtual Screening and Biological Evaluation. <b>2022</b> , 27, 6710	1
467	Novel mescaline-related N-acylhydrazone and its unsubstituted benzoyl derivative: Promising metallophores for copper-associated deleterious effects relief in Alzheimer's disease. <b>2022</b> , 112033	O
466	Safe and Efficient Sigma1 Ligand: A Potential Drug Candidate for Multiple Sclerosis. <b>2022</b> , 23, 11893	O
465	Production of Hydrochlorothiazide Nanoparticles with Increased Permeability Using Top-Spray Coating Process. <b>2022</b> , 105788	0
464	Design, synthesis, cytotoxicity, and molecular docking studies of 1-(4-methoxyphenyl)-N-substituted phenyl-1H-1,2,3-triazole-4-carboxamide derivatives. 1-11	O

463	Design and synthesis of some new benzoylthioureido benzenesulfonamide derivatives and their analogues as carbonic anhydrase inhibitors. <b>2023</b> , 38, 12-23	0
462	Drug candidates and potential targets of Curculigo spp. compounds for treating diabetes mellitus based on network pharmacology, molecular docking and molecular dynamics simulation. 1-17	O
461	Ultrasound-Assisted Extraction, LCMS/MS Analysis, Anticholinesterase, and Antioxidant Activities of Valuable Natural Metabolites from Astragalus armatus Willd.: In Silico Molecular Docking and In Vitro Enzymatic Studies. <b>2022</b> , 11, 2000	1
460	Discovery of Highly Functionalized 5-hydroxy-2H-pyrrol-2-ones That Exhibit Antiestrogenic Effects in Breast and Endometrial Cancer Cells and Potentiate the Antitumoral Effect of Tamoxifen. <b>2022</b> , 14, 5174	О
459	Identification of a potent dual-function inhibitor for hIMPDH isoforms by computer-aided drug discovery approaches. 13,	O
458	Network pharmacology analysis reveals neuroprotective effects of the Qin-Zhi-Zhu-Dan Formula in Alzheimer∄ disease. 16,	O
457	1,2,3-Triazole Linked Chalcone-Morpholine Hybrids: Synthesis, In Vitro Antibacterial Evaluation and In Silico ADMET Predictions. 1-17	O
456	Toward Realistic Dosimetry In Vitro: Determining Effective Concentrations of Test Substances in Cell Culture and Their Prediction by an In Silico Mass Balance Model.	О
455	Physicochemical QSAR analysis of hERG inhibition revisited: towards a quantitative potency prediction.	1
454	Rational design of photoactivatable metal complexes to target and modulate amyloid-peptides. <b>2022</b> , 112053	О
453	Isoniazid Linked to Sulfonate Esters via Hydrazone Functionality: Design, Synthesis, and Evaluation of Antitubercular Activity. <b>2022</b> , 15, 1301	2
452	The potential of chalcone derivatives as human carbonic anhydrase inhibitors in the therapy of glaucoma. <b>2022</b> , 31, 2103-2118	О
451	In vitro and in vivo profile of PT-31 GIRSUPAN, a novel $\blacksquare$ -adrenoceptor agonist with analgesic properties.	0
450	Chalcone Derivatives with a High Potential as Multifunctional Antioxidant Neuroprotectors. <b>2022</b> , 7, 38254-38268	2
449	Angiotensin converting enzyme inhibitors from medicinal plants: a molecular docking and dynamic simulation approach. <b>2022</b> , 10,	O
448	Cheminformatics Bioprospection of Broad Spectrum Plant Secondary Metabolites Targeting the Spike Proteins of Omicron Variant and Wild-Type SARS-CoV-2. <b>2022</b> , 12, 982	О
447	Computational study of potential inhibitors for fat mass and obesity-associated protein from seaweed and plant compounds. 10, e14256	0
446	N-Hydroxy-N-Propargylamide Derivatives of Ferulic Acid: Inhibitors of Cholinesterases and Monoamine Oxidases. <b>2022</b> , 27, 7437	1

445	Theoretical Studies, Spectroscopic Investigation, Molecular Docking, Molecular Dynamics and MMGBSA Calculations with 2-Hydrazinoquinoline. <b>2022</b> , 134482	0
444	Structural characterization, molecular docking assessment, drug-likeness study and DFT investigation of 2-(2-{1,2-dibromo-2-[3-(4-chloro-phenyl)-[1,2,4]oxadiazol-5-yl]-2-fluoro-ethyl1}-phenyl)-methyl	O
443	Isolation, Anticancer Evaluation, Molecular Docking, Drug likeness and ADMET Studies of Secondary Metabolites from Psoralea corylifolia seeds. <b>2022</b> , 7,	0
442	First Evidence of a Combination of Terpinen-4-ol and ⊞erpineol as a Promising Tool against ESKAPE Pathogens. <b>2022</b> , 27, 7472	O
441	Microwave assisted synthesis of 2-amino-4-chloro-pyrimidine derivatives: Anticancer and computational study on potential inhibitory action against COVID-19. <b>2022</b> , 15, 104366	1
440	Interaction of GC376, a SARS-COV-2 MPRO inhibitor, with model lipid membranes. <b>2022</b> , 220, 112918	O
439	In silico and in vitro insights into the prediction and analysis of natural photosensitive compounds targeting Acinetobacter baumannii biofilm-associated protein. <b>2022</b> , 40, 103134	0
438	PROTAC technology: A new drug design for chemical biology with many challenges in drug discovery. <b>2023</b> , 28, 103395	1
437	Discovery of oxazoline-triazole based hybrid molecules as DNA gyrase inhibitors: A new class of potential Anti-tubercular agents. <b>2023</b> , 1273, 134243	0
436	Quantitating Hamidated peptide degradation by separative technologies and ultra-high resolution mass spectrometry. <b>2023</b> , 253, 124036	O
435	Selective Separation and Preconcentration of Caffeine from Natural and Pharmaceutical Products using New Polyurethane Foams. 58,	0
434	From Anti-Parkinson Drug Rasagiline to Novel Multitarget Iron Chelators with Acetylcholinesterase and Monoamine Oxidase Inhibitory and Neuroprotective Properties for Alzheimer Disease. <b>2022</b> , 3167-3192	O
433	Synthesis, structural characterization and in vitro cytotoxicity assessment of new mononuclear Cu(II) and Co(II) complexes against MDAMBI231, HCCI1806 and HTI29 cancer cell lines. 2023, 229, 116189	0
432	New amides derived from sclareolide as anticholinesterase agents. <b>2023</b> , 130, 106249	O
431	Coumarin-4-yl-1,2,3-triazol-4-yl-methyl-thiazolidine-2,4-diones: Synthesis, glucose uptake activity and cytotoxic evaluation. <b>2023</b> , 130, 106235	0
430	Practical approach to N-benzyl derivatives of 2-amino-8-methoxy-4H-chromene-3-carbonitrile by reductive amination: Exploration of their effects against protein kinases and in silico ADME profiling. <b>2023</b> , 1274, 134319	O
429	Synthesis, crystal structure and molecular docking study of new monastrol analogues as inhibitors of epidermal growth factor receptor tyrosine kinase. <b>2023</b> , 1274, 134508	О
428	Dual Targeting of MDM4 and FTH1 by MMRi71 for Induced Protein Degradation and p53-Independent Apoptosis in Leukemia Cells. <b>2022</b> , 27, 7665	O

427	The use of machine learning modeling, virtual screening, molecular docking, and molecular dynamics simulations to identify potential VEGFR2 kinase inhibitors. <b>2022</b> , 12,	1
426	The p-Phthalates Terephthalic Acid and Dimethyl Terephthalate Used in the Manufacture of PET Induce In Vitro Adipocytes Dysfunction by Altering Adipogenesis and Thermogenesis Mechanisms. <b>2022</b> , 27, 7645	O
425	Molecular Hybrids of Pyazolo[3,4-b]pyridine and Triazole: Design, Synthesis and In Vitro Antibacterial Studies. <b>2022</b> , 27, 7647	O
424	Identification of a novel CDK9 inhibitor targeting the intramolecular hidden cavity of CDK9 induced by Tat binding. <b>2022</b> , 17, e0277024	O
423	Computational assessment of herbal medicine-derived compounds as potential inhibitors of SARS-CoV-2 main protease. 1-12	O
422	Vetinformatics from functional genomics to drug discovery: Insights into decoding complex molecular mechanisms of livestock systems in veterinary science. 9,	O
421	Molecular docking-based virtual screening, molecular dynamic simulation, and 3-D QSAR modeling of some pyrazolopyrimidine analogs as potent anti-filarial agents. <b>2022</b> , 10,	0
420	Quantum Computational, Spectroscopic, Hirshfeld Surface Analysis of 3-Picoline (Monomer and Dimer) by DFT/TD-DFT with Different Solvents, Molecular Docking, and Molecular Dynamic Studies. 1-25	Ο
419	Virtual screening based on the structure of more than 105 compounds against four key proteins of SARS-CoV-2: MPro, SRBD, RdRp, and PLpro. <b>2022</b> , 101134	0
418	Design, Synthesis, Molecular Modeling, and Anticancer Evaluation of New VEGFR-2 Inhibitors Based on the Indolin-2-One Scaffold. <b>2022</b> , 15, 1416	1
417	An orally available small molecule that targets soluble TNF to deliver anti-TNF biologic-like efficacy in rheumatoid arthritis. 13,	O
416	Virtual Screening and In Vitro Experiments Highlight Cannabidiol as a Drug-like Phosphodiesterase 9 Inhibitor.	1
415	Novel 1,2,4-triazoles derived from Ibuprofen: synthesis and in vitro evaluation of their mPGES-1 inhibitory and antiproliferative activity.	O
4 <sup>1</sup> 4	Fragment-based virtual screening identifies a first-in-class preclinical drug candidate for Huntington disease. <b>2022</b> , 12,	O
413	Isolation, Cytotoxicity Evaluation, Docking, ADMET and Drug Likeness Studies of Secondary Metabolites from the Stem Bark of Anthocephalus cadamba (Roxb.). <b>2022</b> , 7,	1
412	In silico identification of chemical compounds in Spondias mombin targeting aldose reductase and glycogen synthase kinase 3to abate diabetes mellitus. <b>2022</b> , 101126	O
411	Emerging Direct Targeting €Catenin Agents. <b>2022</b> , 27, 7735	O
410	Design, Synthesis, and Biological Evaluation of Novel Ruxolitinib and Baricitinib Analogues for Potential Use Against COVID-19.	O

409	Structure-based virtual screening and molecular dynamics of potential inhibitors targeting sodium-bile acid co-transporter of carcinogenic liver fluke Clonorchis sinensis. <b>2022</b> , 16, e0010909	O
408	Design, synthesis and SAR studies of novel tacrine derivatives as potent cholinesterase inhibitors. <b>2022</b> , 6, 100094	0
407	In Silico ADMET Analysis of the A-, B- and D-modified Androstane Derivatives with Potential Anticancer Effects. <b>2022</b> , 109147	1
406	Properties of FDA-approved Small Molecule Protein Kinase Inhibitors: A 2023 Update. <b>2022</b> , 106552	6
405	The Application of High-Throughput Approaches in Identifying Novel Therapeutic Targets and Agents to Treat Diabetes. 2200151	0
404	Involvement of Transporters in Intestinal DrugDrug Interactions of Oral Targeted Anticancer Drugs Assessed by Changes in Drug Absorption Time. <b>2022</b> , 14, 2493	1
403	Insights into the equilibrium structure and translocation mechanism of TP1, a spontaneous membrane-translocating peptide. <b>2022</b> , 12,	0
402	Bridging the Gap between Target-Based and Cell-Based Drug Discovery with a Graph Generative Multitask Model.	О
401	Design, and synthesis of selectively anticancer 4-cyanophenyl substituted thiazol-2-ylhydrazones. <b>2022</b> , 12, 34126-34141	0
400	Design, synthesis, theoretical study, antioxidant, and anticholinesterase activities of new pyrazolo-fused phenanthrolines. <b>2022</b> , 12, 33032-33048	О
399	In silico-based identification of some selected phytoconstituents in Ageratum conyzoides Leaves as potential inhibitors of crucial proteins of Blastomyces dermatitidis. <b>2022</b> , 6, 501	0
398	Targeted Small Molecule Drug Discovery. <b>2022</b> , 9-24	О
397	Structure-based drug design of novel M. tuberculosis InhA inhibitors based on fragment molecular orbital calculations. <b>2023</b> , 152, 106434	0
396	Combining pharmacophore models derived from DNA-encoded chemical libraries with structure-based exploration to predict Tankyrase 1 inhibitors. <b>2023</b> , 246, 114980	O
395	Easy access to Ugi-derived isatin-peptoids and their potential as small-molecule anticancer agents.	0
394	G-quadruplex-mediated specific recognition, stabilization and transcriptional repression of bcl-2 by small molecule. <b>2023</b> , 734, 109483	О
393	Synthesis and pharmacokinetic properties of novel cPLA2\(\text{H}\)nhibitors with 1-(carboxyalkylpyrrolyl)-3-aryloxypropan-2-one structure. <b>2023</b> , 77, 117110	О
392	Synthesis and in vitro antileishmanial activity of alkylene-linked nitrofurantoin-triazole hybrids. <b>2023</b> , 246, 115012	О

391	Encapsulation of (E)-NE(1-(7-(diethylamino)-2-oxo-2H-chromen-3 yl)ethylidene)benzohydrazide (7-diEAHC) in Eyclodextrins: Optimized synthesis of 7-diEACH and in silico ADME profiling, physical stability, antioxidant properties of encapsulated 7-diEAHC and bioavailability in rats. 2023,	0
390	5, 100681  New tetrahydropyrimidine-1,2,3-triazole clubbed compounds: Antitubercular activity and Thymidine Monophosphate Kinase (TMPKmt) inhibition. <b>2023</b> , 131, 106312	0
389	Synthesis, biological evaluation and molecular docking studies of novel pyrrolo[2,3-d]pyrimidin-2-amine derivatives as EGFR inhibitors. <b>2023</b> , 1275, 134728	О
388	Studies on the key constituents and the related mechanisms of Clerodendranthus spicatus in the treatment of diabetes based on network pharmacology. <b>2023</b> , 303, 115949	1
387	Exploring the anti-inflammatory potential of Colocasia esculenta root extract in in-vitro and in-vivo models of inflammation. <b>2023</b> , 303, 116021	0
386	Discovery of novel thioquinazoline-N-aryl-acetamide/N-arylacetohydrazide hybrids as anti-SARS-CoV-2 agents: Synthesis, in vitro biological evaluation, and molecular docking studies. <b>2023</b> , 1276, 134690	1
385	Physicochemical characteristic of 99mTc-DTPA-deoxy-D-glucose radiopharmaceutical. <b>2022</b> ,	0
384	Drug and Anti-Viral Peptide Design to Inhibit the Monkeypox Virus by Restricting A36R Protein. <b>2022</b> , 16, 117793222211411	O
383	Application of the millimeters waves in pharmacy (spectroscopy and imaging. 2022,	O
382	Synthesis of Novel 3-(Piperazin-1-yl)-1,2-benzothiazole Derivatives and Their Antibacterial Activity. <b>2022</b> , 58, 1534-1541	O
381	Identification of Potential Antimalarial Drug Candidates Targeting Falcipain-2 Protein of Malaria ParasiteA Computational Strategy. <b>2022</b> , 11, 54	О
380	Current development of bicyclic peptides. <b>2022</b> , 108026	O
379	NPASS database update 2023: quantitative natural product activity and species source database for biomedical research.	О
378	Computational Study of a Novel Compound with Thioether-Bridge. 1-21	O
377	Therapeutic targets and pharmacological mechanisms of Coptidis Rhizoma against ulcerative colitis: Findings of system pharmacology and bioinformatics analysis. 13,	О
376	A Large-Scale High-Throughput Screen for Modulators of SERCA Activity. <b>2022</b> , 12, 1789	O
375	Potential SARS-CoV-2 RdRp inhibitors of cytidine derivatives: Molecular docking, molecular dynamic simulations, ADMET, and POM analyses for the identification of pharmacophore sites. <b>2022</b> , 17, e0273256	1
374	From tryptamine to the discovery of efficient multi-target directed ligands against cholinesterase-associated neurodegenerative disorders. 13,	O

373	Studying the characteristics of nanobody CDR regions based on sequence analysis in combination with 3D structures. <b>2022</b> , 20,	1
372	Pharmacophore modeling, molecular docking, and molecular dynamics studies to identify new 5-HT2AR antagonists with the potential for design of new atypical antipsychotics.	0
371	Study In-Silico Oleanane Triterpenoids in Aquilaria spp. as a Covid-19 Antiviral. <b>2022</b> , 1104, 012027	0
370	canSAR: update to the cancer translational research and drug discovery knowledgebase.	O
369	Trends in oral small-molecule drug discovery and product development based on product launches before and after the Rule of Five. <b>2022</b> , 103344	1
368	Antibiotic discovery in the artificial intelligence era.	0
367	A Current Overview of Cyclodextrin-Based Nanocarriers for Enhanced Antifungal Delivery. <b>2022</b> , 15, 1447	1
366	Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4,5-dihydropyrazol-1-yl)benzo[d]thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents. <b>2022</b> , 16,	1
365	New Ni(II) and Pd(II) complexes bearing derived sulfa drug ligands: synthesis, characterization, DFT calculations, and in silico and in vitro biological activity studies.	O
364	Artificial intelligence to guide precision anticancer therapy with multitargeted kinase inhibitors. <b>2022</b> , 22,	0
363	High-performance liquid chromatography evaluation of lipophilicity and QSRR modeling of a series of dual DNA gyrase and topoisomerase IV inhibitors. <b>2022</b> ,	O
362	Exploring the Antimicrobial and Pharmacological Potential of NF22 as a Potent Inhibitor of E. coli DNA Gyrase: An In Vitro and In Silico Study. <b>2022</b> , 14, 2768	O
361	Ultraviolet Applications to Control Patulin Produced by Penicillium expansum CMP-1 in Apple Products and Study of Further Patulin Degradation Products Formation and Toxicity.	O
<b>3</b> 60	曲mino carbonyl derivatives: Synthesis, Molecular Docking, ADMET, Molecular Dynamic and Herbicidal studies <b>2022</b> , 7,	3
359	The role of pyrethroid derivatives in autophagy and apoptosis crosstalk signaling and potential risk for malignancies. <b>2022</b> , 13, 1323-1340	O
358	Exploration of binding mechanism of apigenin to pepsin: spectroscopic analysis, molecular docking, enzyme activity and antioxidant assays. <b>2022</b> , 122281	O
357	Synthesis and evaluation of small organic molecule as reactivator of organophosphorus inhibited acetylcholinesterase. 1-16	О
356	Synthesis, Structural, and Quantum Chemical Spectroscopic, Hydrogen Bonding, and Molecular Docking Investigation of Antifungal Compound Pyrazole-Pyrazolium Picrate. 1-27	O

355	Machine learning-based prediction of drug approvals using molecular, physicochemical, clinical trial, and patent-related features. 1-17	О
354	Molecular docking, ADMET profiling of gallic acid and its derivatives (N-alkyl gallamide) as an anti-breast cancer agent. 11, 1453	O
353	Scabertopin Derived from Elephantopus scaber L. Mediates Necroptosis by Inducing Reactive Oxygen Species Production in Bladder Cancer In Vitro. <b>2022</b> , 14, 5976	О
352	An In-Silico Multi-Targeted Approach in Search of Potential Drug Candidate(s) Against SARS-CoV-2 Lung Infection. <b>2022</b> , 04,	O
351	Identification of Phyto-Compounds from Ilex kudingcha as Inhibitors of Sterol-14Demethylase Protease: A Computational Approach Against Chagas Disease.	0
350	Pharmacophore-Oriented Identification of Potential Leads as CCR5 Inhibitors to Block HIV Cellular Entry. <b>2022</b> , 23, 16122	O
349	Design and Optimization of 1H-1,2,3-Triazole-4-carboxamides as Novel, Potent, and Selective Inverse Agonists and Antagonists of PXR. <b>2022</b> , 65, 16829-16859	O
348	Revealing active components and action mechanism of Fritillariae Bulbus against non-small cell lung cancer through spectrum-effect relationship and proteomics. <b>2022</b> , 154635	O
347	Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole- 1,3,4 oxadiazole Derivatives. <b>2022</b> , 134747	0
346	Straightforward Access to a New Class of Dual DYRK1A/CLK1 Inhibitors Possessing a Simple Dihydroquinoline Core. <b>2023</b> , 28, 36	O
345	Introducing ligand GA, a genetic algorithm molecular tool for automated protein inhibitor design. <b>2022</b> , 12,	O
344	Apo2ph4: A Versatile Workflow for the Generation of Receptor-based Pharmacophore Models for Virtual Screening.	O
343	Design, synthesis and molecular docking studies of 5-fluoro 1-aryl/alkyl sulfonyl benzimidazole derivatives for treatment of Parkinson disease. 1-9	0
342	Design, Synthesis, Biological Evaluation and Molecular Dynamics Simulations Study of Genistein- O -1,3,5-Triazine Derivatives as Multifunctional Anti-Alzheimer Agents. <b>2022</b> , 7,	O
341	Chloroquinolone carboxamide derivatives as new anti-HSV-1 promising drugs. 2022, 23,	0
340	Calculation of Free Energy of Binding for Widely Specific Pyrimidine-Nucleoside Phosphorylase and Suspected Inhibitors. <b>2022</b> , 48, 1262-1272	O
339	Synthesis, ADMET prediction, and antitumor profile of phenoxy-hydrazine-1,3-thiazoles derivatives. <b>2022</b> , 23,	O
338	Design, Synthesis, and Biological Evaluation of Some Benzothiazolone Derivatives as Cholinesterase Inhibitors. <b>2022</b> , 7,	O

Molecular tweezers - supramolecular hosts with broad-spectrum biological applications. PHARMREV-AR-2022-@00654 337 Towards Effective Consensus Scoring in Structure-Based Virtual Screening. 336 Recent Development of Hybrids and Derivatives of Resveratrol in Neurodegenerative Diseases.  $\circ$ 335 **2022**, 27-72 Studies Regarding the Antimicrobial Behavior of Clotrimazole and Limonene. 2022, 11, 1816 334 Screening and Identification of Potential MERS-CoV papain-like protease (PLpro) Inhibitors; 333 0 Steady-state kinetic and Molecular Dynamic Studies. 2022, Synthesis and cytotoxic/antimicrobial screening of 2-alkenylimidazo[1,2-a]pyrimidines. 332 Anticancer and antimicrobial activity of new copper (II) complexes. 2022, 112108 331 O Design, Synthesis, in vitro and in silico Characterization of Plastoquinone Analogs Containing 330 Piperidine Moiety as Antimicrobial Agents. 2022, 134845 Potential Therapeutic Agents on Alzheimer's Disease through Molecular Docking and Molecular 1 329 Dynamics Simulation Study of Plant-Based Compounds. Heterobivalent Inhibitors of Acetyl-CoA Carboxylase: Drug Target Residence Time and 328 Time-Dependent Antibacterial Activity. 2022, 65, 16510-16525 Regioselective Synthesis and Molecular Docking Studies of 1,5-Disubstituted 1,2,3-Triazole 327 O Derivatives of Pyrimidine Nucleobases. 2022, 27, 8467 326 Oxidative Stress and Antioxidants A Critical Review on In Vitro Antioxidant Assays. 2022, 11, 2388 A Membrane-Embedded Macromolecular Catalyst with Substrate Selectivity in Live Cells. 325 O 2,3-Diketopiperazine as potential scaffold to develop new anti-Chagasic agents. 324 O Pharmacoinformatic screening of phytoconstituent and evaluation of its anti-PDAC effect using  $\circ$ 323 in vitro studies. 1-15 Novel Approaches for the Solid-Phase Synthesis of Dihydroquinazoline-2(1H)-One Derivatives and 322 Biological Evaluation as Potential Anticancer Agents. 2022, 27, 8577 Fighting antibiotic resistance Itrategies and (pre)clinical developments to find new antibacterials. 321 1 Molecular dynamics simulation and pharmacokinetics studies of ombuin and quercetin against 320 human pancreatic Hamylase. 1-8

319	miDruglikeness: Subdivisional Drug-likeness Prediction Models Using Active Ensemble Learning Strategies. <b>2023</b> , 13, 29	О
318	Molecular characterization of glutor-GLUT interaction and prediction of glutor drug-likeness: implications for its utility as an antineoplastic agent. 1-12	0
317	Pesticide informatics expands the opportunity for structure-based molecular design and optimization. <b>2022</b> , 1, 139-147	0
316	Subtractive sequence analysis aided druggable targets mining in Burkholderia cepacia complex and finding inhibitors through bioinformatics approach.	Ο
315	Defining the Potential Targets for Biological Activity of Isoegomaketone Based on Network Pharmacology and Molecular Docking Methods. <b>2022</b> , 12, 2115	0
314	Synthesis and Antitrypanosomal and Mechanistic Studies of a Series of 2-Arylquinazolin-4-hydrazines: A Hydrazine Moiety as a Selective, Safe, and Specific Pharmacophore to Design Antitrypanosomal Agents Targeting NO Release. <b>2022</b> , 7, 47225-47238	O
313	Pharmacokinetics, drug-likeness, antibacterial and antioxidant activity of secondary metabolites from the roots extracts of Crinum abyssinicum and Calotropis procera and in silico molecular docking study. 467-492	0
312	Photostable Small-Molecule NIR-II Fluorescent Scaffolds that Cross the Blood ${f B}$ rain Barrier for Noninvasive Brain Imaging.	1
311	Quantitative Structure-Activity Relationship, Structure-based Design, and ADMET studies of pyrimethamine and cycloguanil analogs inhibitors of Plasmodium falciparum dihydrofolate reductase-thymidylate synthase (PfDHFR-TS) <b>2022</b> , 5, 100132	0
310	FORMULATIONS, ROUTES, AND DOSAGE REGIMENS. <b>2023</b> , 95-130	Ο
309	FORMULATIONS, ROUTES, AND DOSAGE REGIMENS. 2023, 95-130  Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.	0
	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of	
309	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.  A Novel Method to Construct 2-Aminobenzofurans via [4 + 1] Cycloaddition Reaction of In Situ	0
309	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.  A Novel Method to Construct 2-Aminobenzofurans via [4 + 1] Cycloaddition Reaction of In Situ Generated Ortho-Quinone Methides with Isocyanides. 2022, 27, 8538  New N4-Donor Ligands as Supramolecular Guests for DNA and RNA: Synthesis, Structural	0
309 308 307	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.  A Novel Method to Construct 2-Aminobenzofurans via [4 + 1] Cycloaddition Reaction of In Situ Generated Ortho-Quinone Methides with Isocyanides. 2022, 27, 8538  New N4-Donor Ligands as Supramolecular Guests for DNA and RNA: Synthesis, Structural Characterization, In Silico, Spectrophotometric and Antimicrobial Studies. 2023, 28, 400  A Neuroprotective Action of Quercetin and Apigenin through Inhibiting Aggregation of Aland	0 0
309 308 307 306	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.  A Novel Method to Construct 2-Aminobenzofurans via [4 + 1] Cycloaddition Reaction of In Situ Generated Ortho-Quinone Methides with Isocyanides. 2022, 27, 8538  New N4-Donor Ligands as Supramolecular Guests for DNA and RNA: Synthesis, Structural Characterization, In Silico, Spectrophotometric and Antimicrobial Studies. 2023, 28, 400  A Neuroprotective Action of Quercetin and Apigenin through Inhibiting Aggregation of Aland Activation of TRKB Signaling in a Cellular Experiment. 2023,  High cytotoxicity of a degraded TBBPA, dibromobisohenol A, through apoptotic and necrosis	0 0
309 308 307 306 305	Influence of Hydrophobic and Hydrophilic Chain Length of CiEj Surfactants on the Solubilization of Active Pharmaceutical Ingredients.  A Novel Method to Construct 2-Aminobenzofurans via [4 + 1] Cycloaddition Reaction of In Situ Generated Ortho-Quinone Methides with Isocyanides. 2022, 27, 8538  New N4-Donor Ligands as Supramolecular Guests for DNA and RNA: Synthesis, Structural Characterization, In Silico, Spectrophotometric and Antimicrobial Studies. 2023, 28, 400  A Neuroprotective Action of Quercetin and Apigenin through Inhibiting Aggregation of Aland Activation of TRKB Signaling in a Cellular Experiment. 2023,  High cytotoxicity of a degraded TBBPA, dibromobisohenol A, through apoptotic and necrosis pathways. 2023, e13003  Novel 7-Chloro-4-Aminoquinoline-Benzimidazole Hybrids as Inhibitors of Cancer Cells Growth:	0 0 0

301	Microwave assisted synthesis, vibrational spectra, Hirshfeld surface and interaction energy, DFT, topology, in silico ADMET and molecular docking studies of 1,2-bis(4-methoxybenzylidene)hydrazine. <b>2023</b> , 134946	О
300	One-pot Synthesis of Quaternary Pyridinium Salts of Lupane Triterpenoids and Their Antimicrobial Properties.	O
299	MemCross: Accelerated Weight Histogram method to assess membrane permeability. 2023, 184120	О
298	Scaffold and Structural Diversity of the Secondary Metabolite Space of Medicinal Fungi.	O
297	New nickel(ii) Schiff base complexes as potential tools against SARS-CoV-2 Omicron target proteins: an in silico approach.	O
296	Sulfonamides linked to sulfonate esters via hydrazone functionality: Synthesis, human carbonic anhydrase inhibitory activities, and molecular modeling studies.	Ο
295	Novel hydrazone-tethered 5-(pyridin-4-yl)-4H-1,2,4-triazole-3-thiol hybrids: Synthesis, characterisation, in silico ADME studies and in vitro antimycobacterial evaluation.	O
294	Identification of glucose transport modulatorsin vitroand method for their deep learning neural network behavioral evaluation in Glut1 deficient mice. JPET-AR-2022-001428	O
293	Multiomics Study of a Novel Naturally Derived Small Molecule, NSC772864, as a Potential Inhibitor of Proto-Oncogenes Regulating Cell Cycle Progression in Colorectal Cancer. <b>2023</b> , 12, 340	О
292	Synthesis and StructureActivity Relationship of 2,6-Disubstituted Thiosemicarbazone Derivatives of Pyridine as Potential Antituberculosis Agents. <b>2023</b> , 16, 448	O
291	Ouratea spectabilis and its biflavanone ouratein D exert potent anti-inflammatory activity in MSU crystal-induced gout in mice.	О
290	2,4-Diamino-5-(5-hydroxy-1-phenyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)-5H-chromeno[2,3-b]pyridine-3-carbon <b>2023</b> , 2023, M1541	itrile.
289	Arabinofuranosyl Thymine Derivatives <b>P</b> otential Candidates against Cowpox Virus: A Computational Screening Study. <b>2023</b> , 24, 1751	0
288	One-pot synthesis and antibacterial screening of new (nicotinonitrile-thiazole)-based mono- and bis(Schiff bases) linked to arene units. 1-17	1
287	Metabolites profiling and molecular docking identification of putative leads from endophytic Phyllosticta capitalensis as modulators of key druggable structural targets of rotavirus A. 1-11	0
286	embryoTox: Using Graph-Based Signatures to Predict the Teratogenicity of Small Molecules.	O
285	Considering developmental neurotoxicity (DNT) in Vitro data for human health risk assessment using physiologically-based kinetic (PBK) modeling: deltamethrin case study.	0
284	Highly Accessible Computational Prediction and In Vivo/In Vitro Experimental Validation: Novel Synthetic Phenyl Ketone Derivatives as Promising Agents against NAFLD via Modulating Oxidoreductase Activity. <b>2023</b> , 2023, 1-14	О

283	Computational study of Piper betle L. phytocompounds by insilico and ADMET analysis for prediction of potential xanthine oxidase inhibitory activity.	О
282	Novel Diarylthioether Compounds as Agents for the Treatment of Chagas Disease.	О
281	High-content phenotypic screen to identify small molecule enhancers of Parkin-dependent ubiquitination and mitophagy. <b>2023</b> ,	1
280	Nanogel Catalysts for the Hydrolysis of Underivatized Disaccharides Identified by a Fast Screening Assay. 1614-1620	1
279	In Vitro and In Silico Biological Studies of 4-Phenyl-2-quinolone (4-PQ) Derivatives as Anticancer Agents. <b>2023</b> , 28, 555	0
278	Neural Networks in the Design of Molecules with Affinity to Selected Protein Domains. <b>2023</b> , 24, 1762	Ο
277	Metal-free visible light mediated direct CH amination of benzoxazole with secondary amines.	1
276	Comparative Proteomics and Genome-Wide Druggability Analyses Prioritized Promising Therapeutic Targets against Drug-Resistant Leishmania Tropica. <b>2023</b> , 11, 228	Ο
275	Hydrolysis-Resistant Ester-Based Linkers for Development of Activity-Based NIR Bioluminescence Probes. <b>2023</b> , 145, 1460-1469	0
274	Some Thiocyanate Containing Heterocyclic Compounds: Synthesis, Bioactivity and Molecular Docking Study. <b>2023</b> , 8,	Ο
273	Exploration on Ononin and Corylin molecule Against Anti-Influenza H1N1 A Virus via Molecular Docking, Molecular dynamics simulation and Binding free energy calculations.	0
272	Targeting RNA with small molecules a safety perspective.	O
271	Preclinical Evaluation of a Novel Small Molecule LCC-21 to Suppress Colorectal Cancer Malignancy by Inhibiting Angiogenic and Metastatic Signatures. <b>2023</b> , 12, 266	O
270	In silico drug screen reveals potential competitive MTHFR inhibitors for clinical repurposing. 1-14	O
269	Lime and orange essential oils and d-limonene as a potential COVID-19 inhibitor: Computational, in chemico, and cytotoxicity analysis. <b>2023</b> , 51, 102348	0
268	Adamantyl-ureas with pyrazoles substituted by fluoroalkanes as soluble epoxide hydrolase inhibitors. <b>2023</b> , 266, 110087	O
267	Wiskostatin and other carbazole scaffolds as off target inhibitors of dynamin I GTPase activity and endocytosis. <b>2023</b> , 247, 115001	О
266	Identification of probable inhibitors for the DNA polymerase of the Monkeypox virus through the virtual screening approach. <b>2023</b> , 229, 515-528	O

265	Synthesis and evaluation of anti-yellow fever virus activity of new 6-aryl-3-R-amino-1,2,4-triazin-5(4H)-ones. <b>2023</b> , 248, 115117	O
264	Identification, in-vitro anti-plasmodial assessment and docking studies of series of tetrahydrobenzothieno[2,3-d]pyrimidine-acetamide molecular hybrids as potential antimalarial agents. <b>2023</b> , 248, 115055	O
263	Privileged heterocycles for DNA-encoded library design and hit-to-lead optimization. 2023, 248, 115079	O
262	In silico Screening, Docking, and Redesigning of Traditional Chinese Medicinal Compounds Against Streptococcus pneumoniae Glycosyl Hydrolase GHIP and Peptidoglycan Hydrolase LytB. <b>2022</b> ,	O
261	Antioxidant and Cytotoxic Activity of New Polyphenolic Derivatives of Quinazolin-4(3H)-one: Synthesis and In Vitro Activities Evaluation. <b>2023</b> , 15, 136	1
260	Why Do Dietary Flavonoids Have a Promising Effect as Enhancers of Anthracyclines? Hydroxyl Substituents, Bioavailability and Biological Activity. <b>2023</b> , 24, 391	2
259	Machine Learning Informs RNA-Binding Chemical Space.	1
258	Chemoselective Synthesis of Mannich Adducts from 1,4-Naphthoquinones and Profile as Autophagic Inducers in Oral Squamous Cell Carcinoma. <b>2023</b> , 28, 309	1
257	Machine Learning Informs RNA-Binding Chemical Space.	O
256	In silico docking based screening of constituents from Persian shallot as modulators of human glucokinase.	O
255	Ultrasound-assisted green synthesis of triazole-based azomethine/thiazolidin-4-one hybrid inhibitors for cancer therapy through targeting dysregulation signatures of some Rab proteins. <b>2023</b> , 16,	O
254	Modulation Effect on Tubulin Polymerization, Cytotoxicity and Antioxidant Activity of 1H-Benzimidazole-2-Yl Hydrazones. <b>2023</b> , 28, 291	O
253	Antibacterial Nanomaterials: 'Mechanisms, Impacts on Antimicrobial Resistance and Design Principles.	O
252	Robust anti-inflammatory activity of genistein against neutrophil elastase: a microsecond molecular dynamics simulation study. 1-17	1
251	Structural and Molecular Determinants for Isoform Bias at Human Histamine H3 Receptor Isoforms.	O
250	In silico identification and biological evaluation of a selective MAP4K4 inhibitor against pancreatic cancer. <b>2023</b> , 38,	1
249	In Silico Design and Experimental Validation of Novel Oxazole Derivatives Against Varicella zoster virus.	О
248	Permeability Assessment of a High-Throughput Mucosal Platform. <b>2023</b> , 15, 380	O

247	DARK Classics in Chemical Neuroscience: Methaqualone. <b>2023</b> , 14, 340-350	0
246	Genomic landscape of the emerging XDR Salmonella Typhi for mining druggable targets clpP, hisH, folP and gpmI and screening of novel TCM inhibitors, molecular docking and simulation analyses. <b>2023</b> , 23,	Ο
245	Drug Discovery in Real Life: An Online Learning Activity for Bioinformatics Students.	0
244	Promising Antifungal Molecules against Mucormycosis Agents Identified from Pandemic Response Box[]: In Vitro and In Silico Analyses. <b>2023</b> , 9, 187	O
243	Pharmacophore-based virtual screening of large compound databases can aid Big data[broblems in drug discovery. <b>2023</b> , 231-246	0
242	Mutagenicity of N-acyloxy-N-alkoxyamides IQSAR determination of factors controlling activity. <b>2023</b> ,	O
241	Water-SDS-Ionic Liquid Catalytic System for the Synthesis of Pyrano-chromenes and in-silicio Approach to Predict Inhibitory Activity Against Mpro of SARS-CoV-2**. <b>2023</b> , 8,	O
240	Molecular Modeling and In Vitro Antiproliferative Activity Studies of Some Imidazole and Isoxazole Derivatives. <b>2023</b> , 135066	1
239	Recent advances in the area of plant-based anti-cancer drug discovery using computational approaches.	0
238	Inhibition of Neutral Sphingomyelinase 2 by Novel Small Molecule Inhibitors Results in Decreased Release of Extracellular Vesicles by Vascular Smooth Muscle Cells and Attenuated Calcification. <b>2023</b> , 24, 2027	1
237	Preparation of Tryptanthrin Derivates Bearing a Thiosemicarbazone Moiety to Inhibit SARS-CoV-2 Replication. <b>2023</b> , 10, 73	0
236	Computational approaches for the design of modulators targeting protein-protein interactions.	2
235	Cytotoxicity of Isoxazole Curcumin Analogs on Chronic Myeloid Leukemia-Derived K562 Cell Lines Sensitive and Resistant to Imatinib. <b>2023</b> , 24, 2356	0
234	Acacia Honey-derived Bioactive Compounds Exhibit Induction of p53-dependent Apoptosis in the MCF-7 Human Breast Cancer Cell Line. 097312962211450	o
233	Molecular interaction modeling of carbon nanotubes and fullerene toward prioritized targets of SARS-CoV-2 by computer-aided screening and docking studies. <b>2023</b> , 157-179	0
232	Five-membered S-heterocycles. <b>2023</b> , 399-433	O
231	Quinazolinone-Peptido-Nitrophenyl-Derivatives as Potential Inhibitors of SARS-CoV-2 Main Protease. <b>2023</b> , 15, 287	0
230	Druggable sites identification in Streptococcus mutans VicRK system evaluated by catechols. 1-16	O

229	Antibacterial Nanomaterials: 'Mechanisms, Impacts on Antimicrobial Resistance and Design Principles.	О
228	Characterization of Stable Pyrazole Derivatives of Curcumin with Improved Cytotoxicity on Osteosarcoma Cell Lines. <b>2023</b> , 13, 431	О
227	Chemo-structural diversity of anti-obesity compound database. <b>2023</b> , 120, 108414	О
226	Novel thiourea derivative compounds: Thermal behavior, biological evaluation, Hirshfeld surfaces and frontier orbitals analyses, in silico ADMET profiling and molecular docking studies. <b>2023</b> , 1280, 135086	O
225	Rebellion of the deregulated regulators: What is the clinical relevance of studying intrinsically disordered proteins?. <b>2022</b> , 19, 279-282	O
224	Interaction Mechanism of Inhibition of Palmitic Acid and ßelinene Targeting FabH and FabI Enzymes in Escherichia coli: In Silico Study. <b>2022</b> , 25, 427-435	O
223	Reactions of cobalt(ii) chloride and cobalt(ii) acetate with hemisalen-type ligands: ligand transformation, oxidation of cobalt and complex formation. Preliminary study on the cytotoxicity of Co(ii) and Co(iii) hemisalen complexes. <b>2023</b> , 13, 8830-8843	О
222	Controlling cell proliferation by targeting cyclin-dependent kinase 6 using drug repurposing approach. <b>2023</b> , 97-124	О
221	Identification of multidentate tyrosyl-DNA phosphodiesterase 1 (TDP1) inhibitors that simultaneously access the DNA, protein and catalytic-binding sites by oxime diversification.	О
220	Drug discovery: Standing on the shoulders of giants. <b>2023</b> , 207-338	O
219	The development of highly dense highly protected surfactant ionizable lipid RNA loaded nanoparticles. 14,	O
218	Scalable Inhibitors of the Nsp3Nsp4 Coupling in SARS-CoV-2. <b>2023</b> , 8, 5349-5360	O
217	In Silico Identification of Novel Derivatives of Rifampicin Targeting Ribonuclease VapC2 of M. tuberculosis H37Rv: Rifampicin Derivatives Target VapC2 of Mtb H37Rv. <b>2023</b> , 28, 1652	O
216	Comparison of Target Pocket Similarity and Progress into Research on Inhibitors of Picornavirus 3C Proteases. <b>2023</b> , 20,	O
215	Scouting Different Phosphodiesterase 4 Inhibitor Chemotypes in Silico To Guide the Design of Anti-inflammatory/Antioxidant Agents.	0
214	Natural Lipid Extracts as an Artificial Membrane for Drug Permeability Assay: In Vitro and In Silico Characterization. <b>2023</b> , 15, 899	O
213	Multi-dimensional structural footprint identification for the design of potential scaffolds targeting METTL3 in cancer treatment from natural compounds. <b>2023</b> , 29,	0
212	Design & synthesis of hybrid pharmacophore of <code>Actam</code> , 1,8-naphthyridine, and secondary amines; Discover their in vitro antimicrobial, anticancer properties & DFT and ADMET prediction studies.	О

211	Spectroscopic investigations, hirshfeld surface analysis, anticancer and molecular docking studies of new novel NLO 3-hydroxy-3?,4?,5,7-tetramethoxyflavone. <b>2023</b> , 101000	O
210	A consensual machine-learning-assisted QSAR model for effective bioactivity prediction of xanthine oxidase inhibitors using molecular fingerprints.	O
209	Conformation-dependent ligand hot spots in the spliceosomal RNA helicase BRR2. 2023, 79, 304-317	О
208	Meta-Analysis of Material Properties Influencing Nanoparticle Plasma Pharmacokinetics. 2023, 122951	Ο
207	Molecular Docking and Dynamics Simulation Studies Predict Potential Anti-ADAR2 Inhibitors: Implications for the Treatment of Cancer, Neurological, Immunological and Infectious Diseases. <b>2023</b> , 24, 6795	О
206	Deciphering antidiarrheal effects of Meda pata (Litsea glutinosa (Lour.) C.B.Rob.) leaf extract in chemical-induced models of albino rats. <b>2023</b> , 308, 116189	O
205	Allosteric targeting resolves limitations of earlier LFA-1 directed modalities. 2023, 211, 115504	O
204	Multimodal study of CHI3L1 inhibition and its effect on angiogenesis, migration, immune response and refractive index of cellular structures in glioblastoma. <b>2023</b> , 161, 114520	O
203	In silico evaluation of geroprotective phytochemicals as potential sirtuin 1 interactors. 2023, 161, 114425	О
202	New thieno[2,3-b]pyridine-fused pyrimidin-4(3H)-ones as potential thymidylate synthase inhibitors: Synthesis, SAR, in vitro and in silico study. <b>2023</b> , 1282, 135236	O
201	Molecular level solvent interaction (microscopic), electronic, covalent assembly (RDG, AIM & amp; ELF), ADMET prediction and anti-cancer activity of 1-(4-Fluorophenyl)-1-propanone): Cytotoxic agent. <b>2023</b> , 380, 121714	О
200	Towards the Development of Dual Hypouricemic and Anti-inflammatory Candidates: Design, Synthesis, Stability Studies and Biological Evaluation of Some Mutual Ester Prodrugs of Febuxostat-NSAIDs. <b>2023</b> , 135, 106502	O
199	Structural design, synthesis, and anti-Trypanosomatidae profile of new Pyridyl-thiazolidinones. <b>2023</b> , 254, 115310	O
198	Modification of novel gymnemic acid enrich extract to Ag-nanoparticles and lipid soluble derivative for the amelioration of insulin impairment in L6 myoblasts. <b>2023</b> , 83, 104410	O
197	Zn(II) complexes with pyridyl-based 1,3-selen/thiazolyl-hydrazones: A comparative study. <b>2023</b> , 1281, 135193	О
196	In silico and in vitro studies of GENT-EDTA encapsulated niosomes: A novel approach to enhance the antibacterial activity and biofilm inhibition in drug-resistant Klebsiella pneumoniae. <b>2023</b> , 149, 213384	О
195	Computational docking investigation of phytocompounds from bergamot essential oil against Serratia marcescens protease and Fabl: Alternative pharmacological strategy. <b>2023</b> , 104, 107829	О
194	Applications of molecular docking in natural products-based drug discovery. <b>2023</b> , 20, e01593	О

193	New oxadiazole/triazole derivatives with antimicrobial and antioxidant properties. 2023, 1282, 135213	1
192	Effective bioactive compounds and their antiviral properties from some selected aquatic plants through in silico and in vitro approaches. <b>2023</b> , 573, 739574	O
191	Organyltellurium(IV) Complexes Incorporating Schiff Base Ligand Derived from 2-Hydroxy-1-Naphthaldehyde: Preparation, Spectroscopic Investigations, Antimicrobial, Antioxidant Activities, DFT, MESP, NBO, Molecular Docking and ADMET Evaluation. <b>2023</b> , 135590	О
190	Synthetic hydrazones: In silico studies and in vitro evaluation of the antileishmania potential. <b>2023</b> , 88, 105560	O
189	Non-targeted screening for contaminants derived from food contact water-borne coatings and risk assessment based on (Q)SAR matrix. <b>2023</b> , 35, 101036	O
188	Galantamine Based Novel Acetylcholinesterase Enzyme Inhibitors: A Molecular Modeling Design Approach. <b>2023</b> , 28, 1035	1
187	Computational and Experimental Evidence for Templated Macrocyclization: The Role of a Hydrogen Bond Network in the Quantitative Dimerization of 24-Atom Macrocycles. <b>2023</b> , 28, 1144	1
186	Investigating the Lack of Translation from Cruzain Inhibition to Trypanosoma cruzi Activity with Machine Learning and Chemical Space Analyses. <b>2023</b> , 18,	O
185	Design, synthesis and in vitro biological evaluation of 2-aminopyridine derivatives as novel PI3KI inhibitors for hematological cancer. <b>2023</b> , 82, 129152	O
184	Design, synthesis, and biological evaluation of indolin-2-one derivatives as novel cyclin-dependent protein kinase 8 (CDK8) inhibitors. <b>2023</b> , 159, 114258	O
183	Novel 4-arylaminoquinazoline derivatives: design, synthesis, crystal structure and biological evaluation as potent antitumor agents. 1-19	O
182	Structural Optimization of Cannabidiol as Multifunctional Cosmetic Raw Materials. 2023, 12, 314	O
181	Sustainable Synthesis, Antiproliferative and Acetylcholinesterase Inhibition of 1,4- and 1,2-Naphthoquinone Derivatives. <b>2023</b> , 28, 1232	O
180	A Novel Approach to Develop New and Potent Inhibitors for the Simultaneous Inhibition of Protease and Helicase Activities of HCV NS3/4A Protease: A Computational Approach. <b>2023</b> , 28, 1300	O
179	Investigating Therapeutic Effects of Indole Derivatives Targeting Inflammation and Oxidative Stress in Neurotoxin-Induced Cell and Mouse Models of Parkinson Disease. <b>2023</b> , 24, 2642	1
178	Predictive Modeling of PROTAC Cell Permeability with Machine Learning. 2023, 8, 5901-5916	O
177	Chemistry42: An Al-Driven Platform for Molecular Design and Optimization. 2023, 63, 695-701	О
176	Identification of corticosteroids as potential inhibitor against glycolytic enzyme hexokinase II role in cancer glycolysis pathway: a molecular docking study. <b>2023</b> , 36, 173-180	O

175	Discovery of second generation heat shock protein 110 (HSP110) inhibitors for potential treatment of colorectal cancer. <b>2023</b> , 7, 100103	0
174	StructureActivity Relationship (SAR) Study of trans-Cinnamic Acid and Derivatives on the Parasitic Weed Cuscuta campestris. <b>2023</b> , 12, 697	Ο
173	Unveiling the Potentiality of Shikonin Derivatives Inhibiting SARS-CoV-2 Main Protease by Molecular Dynamic Simulation Studies. <b>2023</b> , 24, 3100	0
172	In Silico Prediction, Characterization and Molecular Docking Studies on New Benzamide Derivatives. <b>2023</b> , 11, 479	0
171	Deucravacitinib is an allosteric TYK2 protein kinase inhibitor FDA-approved for the treatment of psoriasis. <b>2023</b> , 189, 106642	0
170	Diazo chemistry in the access to novel fatty acids linked to spiro-fused oxetane-pyrazolone scaffold. <b>2023</b> , 33, 21-23	0
169	Small molecule inhibiting microglial nitric oxide release could become a potential treatment for neuroinflammation. <b>2023</b> , 18, e0278325	0
168	Synthesis and structure-activity optimization of 7-azaindoles containing aza-軸mino acids targeting the influenza PB2 subunit. <b>2023</b> , 250, 115185	0
167	Development of artificial neural network models to predict the PAMPA effective permeability of new, orally administered drugs active against the coronavirus SARS-CoV-2. <b>2023</b> , 12,	0
166	In Silico Study of Coumarins: Wedelolactone as a Potential Inhibitor of the Spike Protein of the SARS-CoV-2 Variants. <b>2023</b> , 2023, 1-19	Ο
165	Structure and Microbiological Activity of 1H-benzo[d]imidazole Derivatives. 2023, 24, 3319	О
164	Identification of HER2 inhibitors from curcumin derivatives using combination of in silico screening and molecular dynamics simulation. 1-10	0
163	Trends in Molecular Properties, Bioavailability, and Permeability across the Bayer Compound Collection. <b>2023</b> , 66, 2347-2360	0
162	DFT calculations, molecular docking, in vitro antimicrobial and antidiabetic studies of green synthesized Schiff bases: as Covid-19 inhibitor. 1-18	0
161	Discovery of Prodrug of MRTX1133 as an Oral Therapy for Cancers with KRASG12D Mutation. <b>2023</b> , 8, 7211-7221	0
160	Discovery of SI 1/20 and SI 1/22 as Mutual Prodrugs of 5-Fluorouracil and Imidazole-Based Heme Oxygenase 1 Inhibitor with Improved Cytotoxicity in DU145 Prostate Cancer Cells. <b>2023</b> , 18,	0
159	Synthesis, molecular docking study and anticancer activity of novel 1,3,4-oxadiazole derivatives as potential tubulin inhibitors. <b>2023</b> , 9, e13460	О
158	Recent advances in oridonin derivatives with anticancer activity. 11,	0

157	Exploration of ethylene glycol linked nitrofurantoin derivatives against Leishmania: Synthesis and in vitro activity.	Ο
156	Fast-Killing Tyrosine Amide ((S)-SW228703) with Blood- and Liver-Stage Antimalarial Activity Associated with the Cyclic Amine Resistance Locus (PfCARL). <b>2023</b> , 9, 527-539	Ο
155	Scaffold Hopping and Screening for Potent Small Molecule Agonists for GRP94: Implications to Alleviate ER Stress-Associated Pathogenesis.	0
154	ENZYMES IN HUMAN HEALTH. <b>2023</b> , 487-541	O
153	Screening for bilayer-active and likely cytotoxic molecules reveals bilayer-mediated regulation of cell function. <b>2023</b> , 155,	0
152	Computer-aided multi-objective optimization in small molecule discovery. <b>2023</b> , 4, 100678	Ο
151	Design, synthesis and anti-cancer evaluation of genistein-1,3,5-triazine derivatives. <b>2023</b> , 134, 133293	0
150	Unveiling Hidden Zeolitic Imidazolate Frameworks Guided by Intuition-Based Geometrical Factors. <b>2023</b> , 19,	O
149	Protein degraders enter the clinic ha new approach to cancer therapy. <b>2023</b> , 20, 265-278	1
148	Coumarin derivatives with potential anticancer and antibacterial activity: Design, synthesis, VEGFR-2 and DNA gyrase inhibition, and in silico studies.	Ο
147	In silico anti-quorum sensing activities of phytocompounds of Psidium guajava in Salmonella enterica serovar Typhi.	Ο
146	Active enterohepatic cycling is not required for the choleretic actions of 24-norUrsodeoxycholic acid in mice. <b>2023</b> , 8,	Ο
145	Virtual Screening of Hepatitis B Virus Pre-Genomic RNA as a Novel Therapeutic Target. <b>2023</b> , 28, 1803	Ο
144	Systematic Description of the Content Variation of Natural Products (NPs): To Prompt the Yield of High-Value NPs and the Discovery of New Therapeutics. <b>2023</b> , 63, 1615-1625	O
143	Ligand- and structure-based identification of GPER-binding small molecules. 2023, 49, 489-496	Ο
142	In Silico, In Vitro, and Ex Vivo Biological Activity of Some Novel Mebeverine Precursors. <b>2023</b> , 11, 605	Ο
141	Synthesis and Biological Evaluation of Octahydroquinazolinones as Phospholipase A2, and Protease Inhibitors: Experimental and Theoretical Exploration. <b>2023</b> , 28, 1944	0
140	Evaluation of antifungal activity, mechanisms of action and toxicological profile of the synthetic amide 2-chloro-N-phenylacetamide. 1-12	O

139	A New and an Eco-Friendly Approach for the Construction of Multi-Functionalized Benzenes with Computational Studies.	О
138	Docking-based virtual screening and molecular dynamic studies to identify new RIOK2 inhibitors.	Ο
137	Targeting Epigenetic Changes Mediated by Members of the SMYD Family of Lysine Methyltransferases. <b>2023</b> , 28, 2000	О
136	Inhibition Kinetics and Theoretical Studies on Zanthoxylum´chalybeum Engl. Dual Inhibitors of EGlucosidase and EAmylase. <b>2023</b> , 13, 102-120	O
135	Docking and PASS-Assisted Evaluation of Furaldehyde Substituted Benzimidazoles as Anthelmintic Agents.	0
134	Trust Your Gut: Strategies and Tactics for Intestinally Restricted Drugs. <b>2023</b> , 14, 233-243	O
133	Computer-Aided drug design of new 2-amino-thiophene derivatives as anti-leishmanial agents. <b>2023</b> , 250, 115223	0
132	Identifying Drug Candidates for COVID-19 with Large-Scale Drug Screening. <b>2023</b> , 24, 4397	1
131	Blocking xCT and PI3K/Akt pathway synergized with DNA damage of Riluzole-Pt(IV) prodrugs for cancer treatment. <b>2023</b> , 250, 115233	0
130	IMPPAT 2.0: An Enhanced and Expanded Phytochemical Atlas of Indian Medicinal Plants. <b>2023</b> , 8, 8827-8845	Ο
129	FRET assay for live-cell high-throughput screening of the cardiac SERCA pump yields multiple classes of small-molecule allosteric modulators.	0
128	Development and test of highly accurate endpoint free energy methods. 2: Prediction of logarithm of n -octanol water partition coefficient (logP) for druglike molecules using MM-PBSA method. <b>2023</b> , 44, 1300-1311	O
127	Lessons Learnt from COVID-19: Computational Strategies for Facing Present and Future Pandemics. <b>2023</b> , 24, 4401	0
126	Physicochemical assessment and insilico studies on the interaction of 5-HT2c receptor with herbal medication bioactive compounds used in the treatment of premature ejaculation. <b>2023</b> ,	O
125	GPCRLigNet: rapid screening for GPCR active ligands using machine learning. 2023, 37, 147-156	0
124	Computer aided drug design in the development of proteolysis targeting chimeras. 2023, 21, 2058-2067	0
123	FRET assay for live-cell high-throughput screening of the cardiac SERCA pump yields multiple classes of small-molecule allosteric modulators.	0
122	Hydroxy-xanthones as promising antiviral agents: Synthesis and biological evaluation against human coronavirus OC43. <b>2023</b> , 84, 129211	O

121	Synthesis, inhibition effects, molecular docking and theoretical studies as Paraoxonase 1 (PON1) inhibitors of novel 1,4-dihydropyridine substituted sulfonamide derivatives. <b>2023</b> , 32, 841-855	O
120	Abiotic peptides as carriers of information for the encoding of small-molecule library synthesis. <b>2023</b> , 379, 939-945	1
119	Triterpene Derivatives as Potential Inhibitors of the RBD Spike Protein from SARS-CoV-2: An In Silico Approach. <b>2023</b> , 28, 2333	O
118	Design and Synthesis of 1,3-Diynes as Potent Antifungal Agents against Aspergillus fumigatus.	O
117	Identification of Dietary Bioflavonoids as Potential Inhibitors against KRAS G12D Mutant <b>N</b> ovel Insights from Computer-Aided Drug Discovery. <b>2023</b> , 45, 2136-2156	O
116	Modeling structurelictivity relationships with machine learning to identify GSK3-targeted small molecules as potential COVID-19 therapeutics. 14,	O
115	Treating Lower Urinary Tract Symptoms in Older Adults: Intravesical Options. 2023, 40, 241-261	Ο
114	Virtual Screening of Benzimidazole Derivatives as Potential Triose Phosphate Isomerase Inhibitors with Biological Activity against Leishmania mexicana. <b>2023</b> , 16, 390	O
113	Co-delivery of paclitaxel and etoposide prodrug by human serum albumin and PLGA nanoparticles: synergistic cytotoxicity in brain tumour cells. 1-17	O
112	In silico studies of bioactive compounds from Alpinia officinarum as inhibitors of Zika virus protease. <b>2023</b> , 38, 101214	O
111	In Silico Binding of 2-Aminocyclobutanones to SARS-CoV-2 Nsp13 Helicase and Demonstration of Antiviral Activity. <b>2023</b> , 24, 5120	1
110	Effectiveness of ALK inhibitors in treatment of CNS metastases in NSCLC patients. <b>2023</b> , 55, 1018-1028	O
109	Leaf metabolic traits reveal hidden dimensions of plant form and function.	Ο
108	Target-driven machine learning-enabled virtual screening (TAME-VS) platform for early-stage hit identification. 10,	O
107	Investigating the cell permeability of proteolysis-targeting chimeras (PROTACs). 2023, 18, 357-361	O
106	Network Pharmacology Revealed the Mechanisms of Action of Lithospermum erythrorhizon Sieb on Atopic Dermatitis. Volume 16, 651-658	O
105	Virtual screening and structurelictivity relationship study of novel BTK inhibitors in Traditional Chinese Medicine for the treatment of rheumatoid arthritis. 1-15	O
104	High throughput screening of a new fluorescent G-quadruplex ligand having telomerase inhibitory activity in human A549 cells. 1-22	O

103	Synthesis and in vitro anticancer activity of some 2-oxindoline derivatives as potential CDK2 inhibitors. 1-14	О
102	Chemoinformatics approach to design and develop vanillin analogs as COX-1 inhibitor.	O
101	Exhaustive in silico design and screening of novel antipsychotic compounds with improved pharmacodynamics and blood-brain barrier permeation properties. 1-22	0
100	Investigation of halogenated furanones as inhibitors of quorum sensing-regulated bioluminescence in Vibrio harveyi. <b>2023</b> , 15, 317-332	Ο
99	Intracellular Antibodies for Drug Discovery and as Drugs of the Future. 2023, 12, 24	O
98	Interactions of N-Mannich Bases of Pyrrolo[3,4-c]pyrrole with Artificial Models of Cell Membranes and Plasma Proteins, Evaluation of Anti-Inflammatory and Antioxidant Activity. <b>2023</b> , 13, 349	O
97	Sappanin-type homoisoflavonoids from Scilla nervosa inhibits acetylcholinesterase enzyme: a combined in silico and in vitro approach. 1-12	0
96	Molecular docking and dynamics simulation study of quinones and pyrones from Alternaria solani and Alternaria alternata with HSP90: an important therapeutic target of cancer. 1-13	O
95	Identification of potential inhibitors of thymidylate synthase (TS) (PDB ID: 6QXH) and nuclear factor kappa-B (NFB) (PDB ID: 1A3Q) from Capsicum annuum (bell pepper) towards the development of new therapeutic drugs against colorectal cancer (CRC). 2023,	0
94	Pharmacological Chaperones and Protein Conformational Diseases: Approaches of Computational Structural Biology. <b>2023</b> , 24, 5819	O
93	Prospects of Using Protein Engineering for Selective Drug Delivery into a Specific Compartment of Target Cells. <b>2023</b> , 15, 987	0
92	Novel thienocycloalkylpyridazinones as useful scaffolds for acetylcholinesterase inhibition and serotonin 5-HT6 receptor interaction. <b>2023</b> , 84, 117256	Ο
91	Structure-based in silico investigation of antagonists of human ribonucleotide reductase from Annona muricata. <b>2023</b> , 38, 101225	O
90	Ligand-based pharmacophore modelling, virtual screening and docking studies to identify potential compounds against FtsZ of Mycobacterium tuberculosis. <b>2023</b> ,	0
89	An overview of compound properties, multiparameter optimization, and computational drug design methods for PARP-1 inhibitor drugs. <b>2023</b> , 252, 115300	O
88	Computational studies of potential antiviral compounds from some selected Nigerian medicinal plants against SARS-CoV-2 proteins. <b>2023</b> , 38, 101230	O
87	Development of a Novel Tool to Demystify Drug Distribution at Tissue-Blood Barriers.	О
86	Computational design, molecular properties, ADME, and toxicological analysis of substituted 2,6-diarylidene cyclohexanone analogs as potent pyridoxal kinase inhibitors. <b>2023</b> , 11,	O

85	1-(2-Chlorophenyl)-6,7-dimethoxy-3-methyl-3,4-dihydroisoquinoline. <b>2023</b> , 2023, M1608	О
84	New Arylazo-Based (Chromene-Thiazole) Hybrids as Potential MRSA Inhibitors.	O
83	Pyrrole-Based Schiff-Bases: Synthesis, Fluorescent Properties, Molecular Docking and in silico ADME/Tox Profiling Studies. <b>2023</b> , 8,	O
82	Integrity and efficiency: AbbVie⊠journey of building an integrated nonregulated bioanalytical laboratory. <b>2023</b> , 15, 161-176	O
81	Cost-Effective Pipeline for a Rational Design and Selection of Capsaicin Analogues Targeting TRPV1 Channels. <b>2023</b> , 8, 11736-11749	0
8o	Identification of Natural Compounds of the Apple as Inhibitors against Cholinesterase for the Treatment of Alzheimer Disease: An In Silico Molecular Docking Simulation and ADMET Study. <b>2023</b> , 15, 1579	0
79	Exploration of bioactive compounds from Mangifera indica (Mango) as probable inhibitors of thymidylate synthase and nuclear factor kappa-B (NF-B) in colorectal cancer management. <b>2023</b> ,	0
78	Chemical Space Virtual Screening against Hard-to-Drug RNA Methyltransferases DNMT2 and NSUN6. <b>2023</b> , 24, 6109	O
77	QSAR Analysis of HDAC6 Inhibitors. <b>2022</b> , 77, S25-S35	О
76	Concise route to stereoselective chlorobenzene-based spiropyrrolidine oxindoles for pursuit as antitubercular agents. <b>2023</b> , 135,	O
75	Phenyl Pentyl Ketone and m-isobutyl Methoxy Benzoate Produced by Streptomyces Chrestomyceticus ADP4 are Potent Antimicrobial Agents Displaying Broad Spectrum Activities.	0
74	Drug development, Brazilian biodiversity and political choices: Where are we heading?. 1-18	O
73	3D interaction homology: The hydrophobic residues alanine, isoleucine, leucine, proline and valine play different structural roles in soluble and membrane proteins. 10,	О
7 <sup>2</sup>	Screening Efficient Tandem Organic Solar Cells with Machine Learning and Genetic Algorithms. <b>2023</b> , 127, 6179-6191	O
71	A theoretical survey to find potential natural compound for inhibition of binding the RBD domain to ACE2 receptor based on plant antivirals. 1-26	0
70	Cheminformatics identification of phenolics as modulators of penicillin-binding protein-3 of Pseudomonas aeruginosa towards interventive antibacterial therapy. 1-16	O
69	Diffusion and Flux Improvement of Drugs through Complexation.	0
68	Target Class Profiling of Small-Molecule Methyltransferases. <b>2023</b> , 18, 969-981	O

67	Cheminformatics-Based Study Identifies Potential Ebola VP40 Inhibitors. 2023, 24, 6298	1
66	Discovery of Potential Phytochemicals from Carica papaya Targeting BRCA-1 in Breast Cancer Treatment.	Ο
65	Hydroxamic acid derivatives as selective HDAC3 inhibitors: computer-aided drug design strategies. 1-22	0
64	Microwave assisted synthesis and AChE inhibition studies of novel thiazolo and thiadiazolo [3,2-a]pyrimidinone fused dihydrofuran compounds.	O
63	Curcumin-Based Heterocycles: Synthesis, Antimicrobial Genotoxicity and Molecular Docking. <b>2023</b> , 35, 951-960	0
62	Identifying novel therapeutic inhibitors to target FMS-like tyrosine kinase-3 (FLT3) against acute myeloid leukemia: a molecular docking, molecular dynamics, and DFT study. 1-19	O
61	Cleistocalyx nervosum var. paniala Berry Seed Protects against TNF-Btimulated Neuroinflammation by Inducing HO-1 and Suppressing NF-B Mechanism in BV-2 Microglial Cells. <b>2023</b> , 28, 3057	0
60	Synthesis and in Silico Investigation of Organoselenium-Clubbed Schiff Bases as Potential Mpro Inhibitors for the SARS-CoV-2 Replication. <b>2023</b> , 13, 912	O
59	Quantitative structure activity relationship studies of androgen receptor binding affinity of endocrine disruptor chemicals with index of ideality of correlation, their molecular docking, molecular dynamics and ADME studies. 1-16	0
58	Click chemistry inspired syntheses of new amide linked 1,2,3-triazoles from naphthols: biological evaluation and in silico computational study.	O
57	CDGCN: Conditional de novo Drug Generative Model Using Graph Convolution Networks. 2023, 104-119	O
56	Screening of Chemical Libraries UsingXenopusEmbryos and Tadpoles for Phenotypic Drug Discovery. <b>2023</b> , 2023, pdb.prot098269	O
55	Biophysical and computational approaches to study ternary complexes: A 'cooperative relationship' to rationalize targeted protein degradation.	O
54	Synthesis of 1-oxa-9-azaspiro[5.5]undecane-9-sulfonamides bearing a diverse molecular periphery and a rare zinc-binding group for carbonic anhydrase interrogation. <b>2023</b> , 33, 191-193	O
53	Differences in tissue distribution ability of evodiamine and dehydroevodiamine are due to the dihedral angle of the molecule stereo-structure. 14,	0
52	Carbazole derivatives as promising competitive and allosteric inhibitors of human serotonin transporter: computational pharmacology. 1-22	O
51	Repurposing immune boosting and anti-viral efficacy of Parkia bioactive entities as multi-target directed therapeutic approach for SARS-CoV-2: exploration of lead drugs by drug likeness, molecular docking and molecular dynamics simulation methods. 1-39	О
50	Integrated computational approach identifies potential inhibitors of ASK1-(JNK/P38) interaction signaling: new insights into cancer therapeutics. 1-14	Ο

49	Flavonoids as Promising Multitarget Agents in Alzheimer Disease Therapy. 2023, 13, 4651	O
48	Computational analysis of natural compounds targeted for NICD of notch pathway in hepatocellular carcinoma. <b>2023</b> ,	O
47	A combined spectroscopic and quantum chemical approach to study the molecular interaction between anti-inflammatory drug Hydrocortisone and amino acid L-Phenylalanine. <b>2023</b> , 135546	O
46	Computational biomedical modeling and screening for prediction of molecular mechanisms of Simiao Pill against hyperuricemia. <b>2023</b> , 381, 121827	O
45	Tadalafil Rescues the p.M325T Mutant of Best1 Chloride Channel. 2023, 28, 3317	O
44	A DFT study of antioxidant potential of vanilla seed extracts by double H + /e Imechanism.	O
43	Green Synthesis, Antimycobacterial Evaluation and Molecular Docking Studies of Novel 2,3-Dihydro-1H-pyrazol-4-ylnaphthalene-1,4-diones. <b>2023</b> , 135556	O
42	The discovery of potential tumor necrosis factor alpha converting enzyme inhibitors via implementation of K Nearest Neighbor QSAR analysis. <b>2023</b> , 70, 247-261	O
41	Synthesis, Computational Studies, Molecular Docking, Anti-inflammatory and Antioxidant Activities of Aminophosphonates Incorporating an Azo Chromophore for Polyester Printing Application. <b>2023</b> , 8,	O
40	Integrated LC-MS/MS and network pharmacology approach for predictingactive ingredients and pharmacological mechanisms of Tribulus terrestris L. against cardiac diseases. 1-16	O
39	Versatile Diazomethane Sulfonamide for Expedited Exploration of Azole-Based Carbonic Anhydrase Inhibitors via [3+2] Cycloaddition.	O
38	Interaction between escitalopram and ibuprofen or paracetamol: DFT and molecular docking on the drugdrug interactions. 1-15	O
37	Virtual Screening Strategy to Identify Retinoic Acid-Related Orphan Receptor E Modulators. <b>2023</b> , 28, 3420	О
36	Targeting miRNAs and Other Non-Coding RNAs as a Therapeutic Approach: An Update. <b>2023</b> , 9, 27	O
35	Elucidating the Potential Inhibitor against Type 2 Diabetes Mellitus Associated Gene of GLUT4. <b>2023</b> , 13, 660	O
34	Bioactive compound C498-0670 alleviates LPS-induced sepsis via JAK/STAT and NFB signaling pathways. 14,	O
33	Presence of potent inhibitors of bacterial biofilm associated proteins is the key to Citrus limon antibiofilm activity against pathogenic Escherichia coli. 1-18	О
32	Identification of novel drug targets in Porphyromonas gingivalis and proposing inhibitors against Acetate kinase using structure-based virtual screening. <b>2023</b> ,	O

31	Reverse Screening of Boronic Acid Derivatives: Analysis of Potential Antiproliferative Effects on a Triple-Negative Breast Cancer Model In Vitro. <b>2023</b> , 11, 165	Ο
30	AiKPro: Deep Learning Model for Kinome-Wide Bioactivity Profiling Using Structure-based Sequence Alignments and Molecular 3D Conformer Ensemble Descriptors.	O
29	Rule of five violations among the FDA-approved small molecule protein kinase inhibitors. 2023, 106774	Ο
28	Development of phosphoinositide 3-kinase delta (PI3K) inhibitors as potential anticancer agents through the generation of ligand-based pharmacophores and biological screening.	0
27	Targeting the PEDV 3CL protease for identification of small molecule inhibitors: an insight from virtual screening, ADMET prediction, molecular dynamics, free energy landscape, and binding energy calculations. <b>2023</b> , 17,	О
26	Synthesis, anticancer activity, molecular docking and molecular dynamics studies of some pyrazole@halcone hybrids. 1-11	Ο
25	Potential Benefits of Dietary Plant Compounds on Normal and Tumor Brain Cells in Humans: In Silico and In Vitro Approaches. <b>2023</b> , 24, 7404	О
24	Molecular Filters in Medicinal Chemistry. <b>2023</b> , 3, 501-511	O
23	Bioisosteric Design Identifies Inhibitors of Mycobacterium tuberculosis DNA Gyrase ATPase Activity.	O
22	The Cytotoxicity Profile, Apoptosis Mechanism, and Molecular Docking Studies of a Series of Benzimidazolium Derivative Morpholine-Substituted Ag(I) Heterocyclic Carbene Complexes.	O
21	Liposomal Permeation Assay for Droplet-Scale Pharmacokinetic Screening.	O
20	Structure based virtual screening, molecular dynamic simulation to identify the oxadiazole derivatives as inhibitors of Enterococcus D-Ala-D-Ser ligase for combating vancomycin resistance. <b>2023</b> , 106965	O
19	Synthesis and Properties of 1,3-Disubstituted Ureas Containing (Adamantan-1-yl)(phenyl)methyl Fragment Based on One-Pot Direct Adamantane Moiety Inclusion. <b>2023</b> , 28, 3577	Ο
18	Compounds Interacting with Cholecystokinin as Potential Drugs Against Excessive Weight Gain and Obesity. <b>2023</b> , 8,	Ο
17	MOLECULAR HYBRID OF 1,2,3-TRIAZOLE AND SCHIFF BASE AS POTENTIAL ANTIBACTERIAL AGENTS: DFT, MOLECULAR DOCKING AND ADME STUDIES. <b>2023</b> , 135617	0
16	Experimental Elucidation of Templated Crystallization and Secondary Processing of Peptides. <b>2023</b> , 15, 1288	O
15	Discovery of Selective P2Y6R Antagonists with High Affinity and In Vivo Efficacy for Inflammatory Disease Therapy.	O
14	Bioactive phytoconstituents of ethanolic extract from Chromolaena odorata leaves interact with vascular endothelial growth factor and cyclooxygenase-2: A molecular docking study. <b>2023</b> , 14, 29	O

13	Principles of computational drug designing and drug repurposing An algorithmic approach. 2023, 129-146	O
12	Identification of novel phytochemicals from Hibiscus rosa sinensis flower as a prospective inhibitor targeting the 3CLpro enzyme of SARS-CoV-2 using computational approaches	O
11	Identification of fungus-growing termite-associated halogenated-PKS maduralactomycin a as a potential inhibitor of MurF protein of multidrug-resistant Acinetobacter baumannii. 10,	O
10	Novel fluorescent mono-Br-BODIPYs as potential theranostic agents and their nanoscale zeolitic imidazolate framework delivery systems. <b>2023</b> , 121892	O
9	Identification of novel Zika virus NS3 protease inhibitors with different inhibition modes by integrative experimental and computational approaches. <b>2023</b> ,	O
8	Degradation of neurodegenerative disease-associated TDP-43 aggregates and oligomers via a proteolysis-targeting chimera. <b>2023</b> , 30,	O
7	Optimization of 3-aminotetrahydrothiophene 1,1-dioxides with improved potency and efficacy as non-electrophilic antioxidant response element (ARE) activators. <b>2023</b> , 89, 129306	O
6	Two new fluorescent fluorenone azine derivatives: synthesis, physicochemical properties, experimental and theoretical study.	O
5	Targeting the vital non-structural proteins (NSP12, NSP7, NSP8 and NSP3) from SARS-CoV-2 and inhibition of RNA polymerase by natural bioactive compound naringenin as a promising drug candidate against COVID-19. <b>2023</b> , 1287, 135642	O
4	DeepAR: a novel deep learning-based hybrid framework for the interpretable prediction of androgen receptor antagonists. <b>2023</b> , 15,	O
3	Modifications of geldanamycin via CuAAC altering affinity to chaperone protein Hsp90 and cytotoxicity. <b>2023</b> , 256, 115450	O
2	Review: Structure-Activity Relationship of Antimicrobial Peptoids. <b>2023</b> , 15, 1506	O
1	Spectroscopic analysis of 2-amino-1-naphthalenesulfonic acid, molecular docking, and evaluation of the electronic properties of several solvents. 1-20	О