

Ricardo L Mancera

List of Publications by Year in descending order

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131
papers

4,210
citations

109321

35
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133252

59
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136
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136
docs citations

136
times ranked

5607
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structure of Glycosaminoglycans and their Interactions with Proteins. <i>Chemical Biology and Drug Design</i> , 2008, 72, 455-482.	3.2	820
2	WaterScore: a novel method for distinguishing between bound and displaceable water molecules in the crystal structure of the binding site of protein-ligand complexes. <i>Journal of Molecular Modeling</i> , 2003, 9, 172-182.	1.8	130
3	Ligand-Protein Docking with Water Molecules. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 397-408.	5.4	128
4	New anti-tuberculosis drugs in clinical trials with novel mechanisms of action. <i>Drug Discovery Today</i> , 2008, 13, 1090-1098.	6.4	121
5	Heparin/heparan sulphate-based drugs. <i>Drug Discovery Today</i> , 2010, 15, 1058-1069.	6.4	98
6	Prediction of heparin binding sites in bone morphogenetic proteins (BMPs). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 1374-1381.	2.3	80
7	Ligand-Protein Cross-Docking with Water Molecules. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 415-421.	5.4	77
8	A molecular mechanism of solvent cryoprotection in aqueous DMSO solutions. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3839.	2.8	77
9	Molecular Dynamics Simulations of the Interactions of DMSO with DPPC and DOPC Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11911-11923.	2.6	70
10	Expanded Interaction Fingerprint Method for Analyzing Ligand Binding Modes in Docking and Structure-Based Drug Design. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 1942-1951.	2.8	69
11	Waking up dormant tumor suppressor genes with zinc fingers, TALEs and the CRISPR/dCas9 system. <i>Oncotarget</i> , 2016, 7, 60535-60554.	1.8	61
12	Molecular dynamics simulation of dilute aqueous DMSO solutions. A temperature-dependence study of the hydrophobic and hydrophilic behaviour around DMSO. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 94.	2.8	60
13	Inhibitors of Xanthine Oxidase: Scaffold Diversity and Structure-Based Drug Design. <i>ChemMedChem</i> , 2019, 14, 714-743.	3.2	60
14	Free energy calculations of glycosaminoglycan-protein interactions. <i>Glycobiology</i> , 2009, 19, 1103-1115.	2.5	56
15	Computer simulation of the structural effect of pressure on the hydrophobic hydration of methane. <i>Molecular Physics</i> , 1999, 96, 109-122.	1.7	55
16	New arylated benzo[h]quinolines induce anti-cancer activity by oxidative stress-mediated DNA damage. <i>Scientific Reports</i> , 2016, 6, 38128.	3.3	54
17	Including Tightly-Bound Water Molecules in de Novo Drug Design. Exemplification through the in Silico Generation of Poly(ADP-ribose)polymerase Ligands. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 624-633.	5.4	51
18	The concentration effect on the hydrophobic and hydrophilic behaviour around DMSO in dilute aqueous DMSO solutions. A computer simulation study. <i>Journal of Molecular Liquids</i> , 2004, 110, 147-153.	4.9	50

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19	New Anti-Tuberculosis Drugs with Novel Mechanisms of Action. <i>Current Medicinal Chemistry</i> , 2008, 15, 1956-1967.	2.4	49
20	Molecular dynamics simulations of the interactions of DMSO, mono- and polyhydroxylated cryosolvents with a hydrated phospholipid bilayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2041-2055.	2.6	48
21	Role of the cell membrane interface in modulating production and uptake of Alzheimer's beta amyloid protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1639-1651.	2.6	47
22	Cryopreservation of threatened native Australian species—what have we learned and where to from here?. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2011, 47, 17-25.	2.1	45
23	A Comparative Structural Bioinformatics Analysis of the Insulin Receptor Family Ectodomain Based on Phylogenetic Information. <i>PLoS ONE</i> , 2008, 3, e3667.	2.5	45
24	Assessment of Multiple Binding Modes in Ligand-Protein Docking. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 3334-3337.	6.4	44
25	Computational analyses of the catalytic and heparin-binding sites and their interactions with glycosaminoglycans in glycoside hydrolase family 79 endo- β -d-glucuronidase (heparanase). <i>Glycobiology</i> , 2012, 22, 35-55.	2.5	44
26	Current issues in plant cryopreservation and importance for ex situ conservation of threatened Australian native species. <i>Australian Journal of Botany</i> , 2019, 67, 1.	0.6	44
27	The emerging application of ultrasound in lactose crystallisation. <i>Trends in Food Science and Technology</i> , 2014, 38, 47-59.	15.1	43
28	A Phosphorylation-Induced Turn Defines the Alzheimer's Disease AT8 Antibody Epitope on the Tau Protein. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6819-6823.	13.8	41
29	The self-association of HMGB1 and its possible role in the binding to DNA and cell membrane receptors. <i>FEBS Letters</i> , 2017, 591, 282-294.	2.8	40
30	Novel Structural Features of CDK Inhibition Revealed by an ab Initio Computational Method Combined with Dynamic Simulations. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5141-5153.	6.4	37
31	The effect of a tightly bound water molecule on scaffold diversity in the computer-aided de novo ligand design of CDK2 inhibitors. <i>Journal of Molecular Modeling</i> , 2006, 12, 422-431.	1.8	37
32	Platelet Endothelial Cell Adhesion Molecule 1 (PECAM-1) and Its Interactions with Glycosaminoglycans: 1. Molecular Modeling Studies. <i>Biochemistry</i> , 2008, 47, 4851-4862.	2.5	37
33	Free Energy Calculations of Mutations Involving a Tightly Bound Water Molecule and Ligand Substitutions in a Ligand-Protein Complex. <i>Molecular Informatics</i> , 2010, 29, 589-600.	2.5	37
34	Understanding Insulin Endocrinology in Decapod Crustacea: Molecular Modelling Characterization of an Insulin-Binding Protein and Insulin-Like Peptides in the Eastern Spiny Lobster, <i>Sagmariasus verreauxi</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1832.	4.1	37
35	Molecular Dynamics Simulation of Small Molecules Interacting with Biological Membranes. <i>ChemPhysChem</i> , 2020, 21, 1486-1514.	2.1	37
36	The aggregation of methane in aqueous solution. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 2263-2267.	1.7	36

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37	Further evidence for a temperature-dependent hydrophobic interaction: the aggregation of ethane in aqueous solutions. <i>Chemical Physics Letters</i> , 1995, 234, 296-303.	2.6	35
38	De novo ligand design with explicit water molecules: an application to bacterial neuraminidase. <i>Journal of Computer-Aided Molecular Design</i> , 2002, 16, 479-499.	2.9	35
39	The effect of tightly bound water molecules on the structural interpretation of ligand-derived pharmacophore models. <i>Journal of Computer-Aided Molecular Design</i> , 2004, 18, 89-100.	2.9	34
40	Does salt increase the magnitude of the hydrophobic effect? A computer simulation study. <i>Chemical Physics Letters</i> , 1998, 296, 459-465.	2.6	33
41	Can current force fields reproduce ring puckering in 2-O-sulfo- α -L-iduronic acid? A molecular dynamics simulation study. <i>Carbohydrate Research</i> , 2010, 345, 689-695.	2.3	33
42	Computer simulation studies of the hydration and aggregation of simple hydrophobic molecules. <i>Faraday Discussions</i> , 1996, 103, 141.	3.2	32
43	Computer simulation of the effect of salt on the hydrophobic effect. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3549-3559.	1.7	32
44	Molecular Dynamics Simulations of CXCL-8 and Its Interactions with a Receptor Peptide, Heparin Fragments, and Sulfated Linked Cyclitols. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 335-358.	5.4	32
45	Molecular dynamics simulation of the phosphorylation-induced conformational changes of a tau peptide fragment. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1907-1923.	2.6	31
46	Studies of the benzopyran class of selective COX-2 inhibitors using 3D-QSAR and molecular docking. <i>Archives of Pharmacal Research</i> , 2018, 41, 1178-1189.	6.3	31
47	Platelet Endothelial Cell Adhesion Molecule 1 (PECAM-1) and Its Interactions with Glycosaminoglycans: 2. <i>Biochemical Analyses. Biochemistry</i> , 2008, 47, 4863-4875.	2.5	29
48	Molecular modeling of hydration in drug design. <i>Current Opinion in Drug Discovery & Development</i> , 2007, 10, 275-80.	1.9	29
49	Characterisation of the Structure and Oligomerisation of Islet Amyloid Polypeptides (IAPP): A Review of Molecular Dynamics Simulation Studies. <i>Molecules</i> , 2018, 23, 2142.	3.8	28
50	Influence of Salt on Hydrophobic Effects: A Molecular Dynamics Study Using the Modified Hydration-Shell Hydrogen-Bond Model. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3774-3777.	2.6	27
51	Molecular dynamics simulations of mixed DOPC α -sitosterol bilayers and their interactions with DMSO. <i>Soft Matter</i> , 2013, 9, 2920.	2.7	27
52	The Effects of Cryosolvents on DOPC α -Sitosterol Bilayers Determined from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3362-3375.	2.6	27
53	An automated and combinative method for the predictive ranking of candidate effector proteins of fungal plant pathogens. <i>Scientific Reports</i> , 2021, 11, 19731.	3.3	27
54	Advances in understanding the fundamental aspects required for successful cryopreservation of Australian flora. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 289-298.	2.1	26

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55	Electrochemistry of proteins at the interface between two immiscible electrolyte solutions. <i>Current Opinion in Electrochemistry</i> , 2018, 12, 27-32.	4.8	26
56	Ligand-protein docking using a quantum stochastic tunneling optimization method. <i>Journal of Computational Chemistry</i> , 2004, 25, 858-864.	3.3	24
57	Development and application of site mapping methods for the design of glycosaminoglycans. <i>Glycobiology</i> , 2014, 24, 840-851.	2.5	24
58	Does the SARS-CoV-2 Spike Protein Receptor Binding Domain Interact Effectively with the DPP4 (CD26) Receptor? A Molecular Docking Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7001.	4.1	24
59	Hydrogen-bonding behaviour in the hydrophobic hydration of simple hydrocarbons in water. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2547.	1.7	22
60	Molecular modelling prediction of ligand binding site flexibility. <i>Journal of Computer-Aided Molecular Design</i> , 2004, 18, 235-250.	2.9	22
61	A New Method for Estimating the Importance of Hydrophobic Groups in the Binding Site of a Protein. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1069-1078.	6.4	22
62	Acclimation-induced changes in cell membrane composition and influence on cryotolerance of <i>in vitro</i> shoots of native plant species. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 83-96.	2.3	22
63	Molecular Dynamics Visualization (MDV): Stereoscopic 3D Display of Biomolecular Structure and Interactions Using the Unity Game Engine. <i>Journal of Integrative Bioinformatics</i> , 2018, 15, .	1.5	22
64	Comparative estimation of vibrational entropy changes in proteins through normal modes analysis. <i>Journal of Molecular Graphics and Modelling</i> , 2004, 23, 167-174.	2.4	20
65	Molecular Mechanism of the Synergistic Effects of Vitrification Solutions on the Stability of Phospholipid Bilayers. <i>Biophysical Journal</i> , 2014, 106, 2617-2624.	0.5	20
66	Ex situ conservation of the endangered species <i>Androcalva perlaria</i> (Malvaceae) by micropropagation and cryopreservation. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 341-352.	2.3	20
67	Molecular modeling of Bt Cry1Ac (DII) ASAL (<i>Allium sativum</i> lectin) fusion protein and its interaction with aminopeptidase N (APN) receptor of <i>Manduca sexta</i> . <i>Journal of Molecular Graphics and Modelling</i> , 2012, 33, 61-76.	2.4	19
68	A new quantum stochastic tunnelling optimisation method for protein-ligand docking. <i>Chemical Physics Letters</i> , 2003, 369, 257-263.	2.6	18
69	Prediction of the glass transition in aqueous solutions of simple amides by molecular dynamics simulations. <i>Chemical Physics Letters</i> , 2011, 501, 273-277.	2.6	18
70	Characterization of Protein-Facilitated Ion-Transfer Mechanism at a Polarized Aqueous/Organic Interface. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7436-7444.	2.6	18
71	Does Sucrose Change Its Mechanism of Stabilization of Lipid Bilayers during Desiccation? Influences of Hydration and Concentration. <i>Langmuir</i> , 2019, 35, 15389-15400.	3.5	18
72	Thermodynamics of the hydration of non-polar substances. <i>Biophysical Chemistry</i> , 1998, 70, 57-63.	2.8	16

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73	Adsorption and Unfolding of Lysozyme at a Polarized Aqueous/Organic Liquid Interface. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3100-3112.	2.6	16
74	Influence of Bilayer Size and Number in Multi-Bilayer DOPC Simulations at Full and Low Hydration. <i>Langmuir</i> , 2019, 35, 2399-2411.	3.5	16
75	Revisiting the Interaction of Melittin with Phospholipid Bilayers: The Effects of Concentration and Ionic Strength. <i>International Journal of Molecular Sciences</i> , 2020, 21, 746.	4.1	16
76	Calculations of the Free Energy of Interaction of the c-Fos/c-Jun Coiled Coil: Effects of the Solvation Model and the Inclusion of Polarization Effects. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 2201-2212.	5.4	15
77	Monitoring of oxidative status in three native Australian species during cold acclimation and cryopreservation. <i>Plant Cell Reports</i> , 2017, 36, 1903-1916.	5.6	15
78	Gomesin peptides prevent proliferation and lead to the cell death of devil facial tumour disease cells. <i>Cell Death Discovery</i> , 2018, 4, 19.	4.7	15
79	The Biological and Biophysical Properties of the Spider Peptide Gomesin. <i>Molecules</i> , 2018, 23, 1733.	3.8	15
80	AutoMap: A tool for analyzing protein/ligand recognition using multiple ligand binding modes. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 40, 80-90.	2.4	14
81	Enhanced Transdermal Peptide Delivery and Stability by Lipid Conjugation: Epidermal Permeation, Stereoselectivity and Mechanistic Insights. <i>Pharmaceutical Research</i> , 2014, 31, 3304-3312.	3.5	13
82	Assignment of aromaticity of the classic heterobenzenes by three aromatic criteria. <i>Computational and Theoretical Chemistry</i> , 2014, 1046, 20-24.	2.5	12
83	The effect of physicochemical factors on the self-association of HMGB1: A surface plasmon resonance study. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1620-1629.	2.3	12
84	Current methods for the prediction of T-cell epitopes. <i>Peptide Science</i> , 2018, 110, e24046.	1.8	12
85	Molecular dynamics simulations of a DMSO/water mixture using the AMBER force field. <i>Journal of Molecular Modeling</i> , 2018, 24, 174.	1.8	11
86	Free energy calculations of the interactions of c-Jun-based synthetic peptides with the c-Fos protein. <i>Biopolymers</i> , 2012, 97, 899-909.	2.4	10
87	Cold-induced changes affect survival after exposure to vitrification solution during cryopreservation in the south-west Australian Mediterranean climate species <i>Lomandra sonderi</i> (Asparagaceae). <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 119, 347-358.	2.3	10
88	Optimization of protein/protein docking for predicting Fc/protein interactions. <i>Journal of Molecular Recognition</i> , 2016, 29, 555-568.	2.1	10
89	The unusual conformation of cross-strand disulfide bonds is critical to the stability of hairpin peptides. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 485-502.	2.6	10
90	The acidic tail of HMGB1 regulates its secondary structure and conformational flexibility: A circular dichroism and molecular dynamics simulation study. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1160-1172.	4.1	10

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91	Influence of abiotic stress preconditioning on antioxidant enzymes in shoot tips of <i>Lomandra sonderi</i> (Asparagaceae) prior to cryostorage. <i>Australian Journal of Botany</i> , 2016, 64, 260.	0.6	9
92	Secondary Structural Changes in Proteins as a Result of Electroadsorption at Aqueous“Organogel Interfaces. <i>Langmuir</i> , 2019, 35, 5821-5829.	3.5	9
93	Atomistic molecular dynamics simulations of bioactive engrailed 1 interference peptides (EN1-iPeps). <i>Oncotarget</i> , 2018, 9, 22383-22397.	1.8	9
94	Review: The case for studying mitochondrial function during plant cryopreservation. <i>Plant Science</i> , 2022, 315, 111134.	3.6	9
95	A new method for estimating the importance of hydrogen-bonding groups in the binding site of a protein. <i>Journal of Computer-Aided Molecular Design</i> , 2003, 17, 401-414.	2.9	8
96	Cryopreservation of <i>Lomandra sonderi</i> (Asparagaceae) shoot tips using droplet-vitrification. <i>Cryo-Letters</i> , 2012, 33, 259-70.	0.3	8
97	Development of cryopreservation for <i>Loxocarya cinerea</i> —an endemic Australian plant species important for post-mining restoration. <i>Cryo-Letters</i> , 2013, 34, 508-19.	0.3	8
98	Towards an understanding of the molecular basis of hydrophobicity. <i>Journal of Computer-Aided Molecular Design</i> , 1996, 10, 321-326.	2.9	7
99	Optimization of surface plasmon resonance experiments: Case of high mobility group box 1 (HMGB1) interactions. <i>Analytical Biochemistry</i> , 2016, 499, 43-50.	2.4	7
100	BZD9L1 sirtuin inhibitor: Identification of key molecular targets and their biological functions in HCT 116 colorectal cancer cells. <i>Life Sciences</i> , 2021, 284, 119747.	4.3	7
101	Molecular dynamics simulations of ligand-induced backbone conformational changes in the binding site of the periplasmic lysine-, arginine-, ornithine-binding protein. <i>Journal of Computer-Aided Molecular Design</i> , 2008, 22, 799-814.	2.9	6
102	Characterization of the Glass Transition of Water Predicted by Molecular Dynamics Simulations Using Nonpolarizable Intermolecular Potentials. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1867-1880.	2.6	6
103	Molecular Dynamics Simulation of Tau Peptides for the Investigation of Conformational Changes Induced by Specific Phosphorylation Patterns. <i>Methods in Molecular Biology</i> , 2017, 1523, 33-59.	0.9	6
104	Evaluation of the new vacuum infiltration vitrification (viv) cryopreservation technique for native Australian plant shoot tips. <i>Cryo-Letters</i> , 2015, 36, 104-13.	0.3	6
105	Myrtaceae in Australia: Use of Cryobiotechnologies for the Conservation of a Significant Plant Family under Threat. <i>Plants</i> , 2022, 11, 1017.	3.5	6
106	Comparative Analysis of the Surface Interaction Properties of the Binding Sites of CDK2, CDK4, and ERK2. <i>ChemMedChem</i> , 2006, 1, 366-375.	3.2	5
107	Hydrogen Bond Disruption in DNA Base Pairs from ¹⁴ C Transmutation. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10430-10435.	2.6	5
108	Structure and intermolecular interactions in spheroidal high-density lipoprotein subpopulations. <i>Journal of Structural Biology: X</i> , 2021, 5, 100042.	1.3	5

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109	Identification and characterisation of putative drug binding sites in human ATP-binding cassette B5 (ABCB5) transporter. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 691-704.	4.1	5
110	Mechanisms of Interaction of Small Hydroxylated Cryosolvents with Dehydrated Model Cell Membranes: Stabilization vs Destruction. <i>Journal of Physical Chemistry B</i> , 2022, 126, 197-216.	2.6	5
111	Characterization of sequence and structural features of the <i>Candida krusei</i> enolase. <i>In Silico Biology</i> , 2008, 8, 449-60.	0.9	5
112	Quantitative structure-activity relationships of competitive inhibitors of phosphoenolpyruvate carboxylase. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 217-225.	3.0	4
113	A new explicit hydration penalty score for ligand-protein interactions. <i>Chemical Physics Letters</i> , 2004, 399, 271-275.	2.6	4
114	Computational site-directed mutagenesis studies of the role of the hydrophobic triad on substrate binding in cholesterol oxidase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1645-1655.	2.6	4
115	Design and Characterization of a Cell-Penetrating Peptide Derived from the SOX2 Transcription Factor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9354.	4.1	4
116	Pharmacological and structure-activity relationship studies of oleoyl-lysophosphatidylinositol synthetic mimetics. <i>Pharmacological Research</i> , 2021, 172, 105822.	7.1	4
117	Redefining the Molecular Interplay between Dimethyl Sulfoxide, Lipid Bilayers, and Dehydration. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2513-2529.	2.6	4
118	The molecular binding interactions of inhibitors and activators of phosphoenolpyruvate carboxylase. <i>Computational and Theoretical Chemistry</i> , 2005, 755, 151-159.	1.5	3
119	Computational Methods for the Prediction of the Structure and Interactions of Coiled-Coil Peptides. <i>Current Bioinformatics</i> , 2008, 3, 149-161.	1.5	3
120	Docking Study and Three-Dimensional Quantitative Structure-Activity Relationship (3D-QSAR) Analyses of Transforming Growth Factor- β Type I Receptor Kinase Inhibitors. <i>QSAR and Combinatorial Science</i> , 2009, 28, 1300-1308.	1.4	3
121	Free Energy of Binding of Coiled-Coil Complexes with Different Electrostatic Environments: The Influence of Force Field Polarisation and Capping. <i>Natural Products and Bioprospecting</i> , 2014, 4, 285-295.	4.3	3
122	Seed storage behaviour of tropical members of the aquatic basal angiosperm genus <i>Nymphaea</i> L. (<i>Nymphaeaceae</i>). , 2019, 7, coz021.		3
123	Recent Advances in the Understanding of Hydrophobic and Hydrophilic Effects: A Theoretical and Computer Simulation Perspective. , 2004, , 387-396.		2
124	Novel Amylin Analogues Reduce Amyloid- β Cross-Seeding Aggregation and Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-18.	2.6	2
125	Kinetics of the crystallisation of Ni-Zn ferrite powders prepared by the hydrothermal method. <i>Materials Science and Technology</i> , 2005, 21, 1059-1062.	1.6	1
126	Definition of the Minimal Contents for the Molecular Simulation of the Yeast Cytoplasm. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 97.	3.5	1

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127	Assessing Plant Metabolic Rates During Cryopreservation. <i>Cryobiology</i> , 2021, 103, 169.	0.7	1
128	Expanded Interaction Fingerprint Method for Analyzing Ligand Binding Modes in Docking and Structure-Based Drug Design.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
129	Including Tightly-Bound Water Molecules in de Novo Drug Design. Exemplification Through the in Silico Generation of Poly(ADP-ribose)polymerase Ligands.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
130	Developing Drugs from Sugars. , 2012, , 259-296.		0
131	Cryostorage of Macadamia Nut Embryonic Axes Using Droplet-Vitrification. <i>Cryobiology</i> , 2021, 103, 163.	0.7	0