

List of Publications by Citations

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

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|--------------------|-------------------------|----------------|-----------------|
| 120 papers | 3,506 citations | 32 h-index | 56 g-index |
| 134 ext. papers | 4,393 ext. citations | 5.9 avg, IF | 5.97 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 120 | MN15: A Kohn-Sham global-hybrid exchange-correlation density functional with broad accuracy for multi-reference and single-reference systems and noncovalent interactions. <i>Chemical Science</i> , 2016 , 7, 5032-5051 | 9.4 | 491 |
| 119 | MN15-L: A New Local Exchange-Correlation Functional for Kohn-Sham Density Functional Theory with Broad Accuracy for Atoms, Molecules, and Solids. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 1280-93 | 6.4 | 246 |
| 118 | Fragment quantum mechanical calculation of proteins and its applications. <i>Accounts of Chemical Research</i> , 2014 , 47, 2748-57 | 24.3 | 129 |
| 117 | Revised M06-L functional for improved accuracy on chemical reaction barrier heights, noncovalent interactions, and solid-state physics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8487-8492 | 11.5 | 120 |
| 116 | Divide-and-Conquer Hartree-Fock Calculations on Proteins. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 405-411 | 6.4 | 117 |
| 115 | Formal Estimation of Errors in Computed Absolute Interaction Energies of Protein-ligand Complexes. <i>Journal of Chemical Theory and Computation</i> , 2011 , 7, 790-797 | 6.4 | 116 |
| 114 | A new method for direct calculation of total energy of protein. <i>Journal of Chemical Physics</i> , 2005 , 122, 31103 | 3.9 | 103 |
| 113 | Nonseparable exchange-correlation functional for molecules, including homogeneous catalysis involving transition metals. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 12146-60 | 3.6 | 92 |
| 112 | Protein NMR chemical shift calculations based on the automated fragmentation QM/MM approach. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 10380-8 | 3.4 | 79 |
| 111 | The generalized molecular fractionation with conjugate caps/molecular mechanics method for direct calculation of protein energy. <i>Journal of Chemical Physics</i> , 2006 , 124, 184703 | 3.9 | 77 |
| 110 | Electrostatically embedded generalized molecular fractionation with conjugate caps method for full quantum mechanical calculation of protein energy. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 7149-61 | 2.8 | 75 |
| 109 | Further analysis and comparative study of intermolecular interactions using dimers from the S22 database. <i>Journal of Chemical Physics</i> , 2009 , 131, 065102 | 3.9 | 75 |
| 108 | Hydrogen-bond structure dynamics in bulk water: insights from simulations with coupled cluster theory. <i>Chemical Science</i> , 2018 , 9, 2065-2073 | 9.4 | 68 |
| 107 | Revised M06 density functional for main-group and transition-metal chemistry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10257-10262 | 11.5 | 67 |
| 106 | Fragment density functional theory calculation of NMR chemical shifts for proteins with implicit solvation. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 7837-45 | 3.6 | 66 |
| 105 | Ab initio molecular crystal structures, spectra, and phase diagrams. <i>Accounts of Chemical Research</i> , 2014 , 47, 2721-30 | 24.3 | 65 |
| 104 | Second-order many-body perturbation study of ice Ih. <i>Journal of Chemical Physics</i> , 2012 , 137, 204505 | 3.9 | 65 |

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| 103 | Automated Fragmentation QM/MM Calculation of Amide Proton Chemical Shifts in Proteins with Explicit Solvent Model. <i>Journal of Chemical Theory and Computation</i> , 2013 , 9, 2104-14 | 6.4 | 63 |
| 102 | Importance of dispersion and electron correlation in ab initio protein folding. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5290-300 | 3.4 | 61 |
| 101 | Quantum computational analysis for drug resistance of HIV-1 reverse transcriptase to nevirapine through point mutations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005 , 61, 423-32 | 4.2 | 49 |
| 100 | Effect of strong electric field on the conformational integrity of insulin. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 8942-52 | 2.8 | 47 |
| 99 | Revised M11 Exchange-Correlation Functional for Electronic Excitation Energies and Ground-State Properties. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 2966-2990 | 2.8 | 45 |
| 98 | Fragment quantum chemical approach to geometry optimization and vibrational spectrum calculation of proteins. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 1864-75 | 3.6 | 45 |
| 97 | Quantum Fragment Based ab Initio Molecular Dynamics for Proteins. <i>Journal of Chemical Theory and Computation</i> , 2015 , 11, 5897-905 | 6.4 | 43 |
| 96 | Quantum study of mutational effect in binding of efavirenz to HIV-1 RT. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005 , 59, 489-95 | 4.2 | 42 |
| 95 | The energy computation paradox and ab initio protein folding. <i>PLoS ONE</i> , 2011 , 6, e18868 | 3.7 | 41 |
| 94 | Fragment Quantum Mechanical Method for Large-Sized Ion-Water Clusters. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 2021-2034 | 6.4 | 39 |
| 93 | Structure of liquid water - a dynamical mixture of tetrahedral and Ring-and-chain-like structures. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 11931-11936 | 3.6 | 37 |
| 92 | AFNMR: automated fragmentation quantum mechanical calculation of NMR chemical shifts for biomolecules. <i>Journal of Biomolecular NMR</i> , 2015 , 63, 125-39 | 3 | 36 |
| 91 | Improving the scoring of protein-ligand binding affinity by including the effects of structural water and electronic polarization. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 1306-14 | 6.1 | 34 |
| 90 | AIE-Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9507-9515 | 16.4 | 33 |
| 89 | Calculation of protein-ligand binding affinities based on a fragment quantum mechanical method. <i>RSC Advances</i> , 2015 , 5, 107020-107030 | 3.7 | 32 |
| 88 | Acteoside Binds to Caspase-3 and Exerts Neuroprotection in the Rotenone Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2016 , 11, e0162696 | 3.7 | 30 |
| 87 | Accurate prediction of energetic properties of ionic liquid clusters using a fragment-based quantum mechanical method. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 20657-20666 | 3.6 | 28 |
| 86 | Conformational variability of benzamidinium-based inhibitors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7742-54 | 16.4 | 28 |

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| 85 | An improved fragment-based quantum mechanical method for calculation of electrostatic solvation energy of proteins. <i>Journal of Chemical Physics</i> , 2013 , 139, 214104 | 3.9 | 27 |
| 84 | On the Kohn-Luttinger conundrum. <i>Journal of Chemical Physics</i> , 2013 , 138, 204112 | 3.9 | 23 |
| 83 | Anisotropic Gas Separation in Oriented ZIF-95 Membranes Prepared by Vapor-Assisted In-Plane Epitaxial Growth. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20858-20862 | 16.4 | 23 |
| 82 | Predicting the phase diagram of solid carbon dioxide at high pressure from first principles. <i>Npj Quantum Materials</i> , 2019 , 4, | 5 | 21 |
| 81 | Second-order many-body perturbation theory: an eternal frontier. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 655-72 | 2.8 | 21 |
| 80 | Multiconfiguration Pair-Density Functional Theory Is Free From Delocalization Error. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 5616-5620 | 6.4 | 21 |
| 79 | Predicting mutation-induced Stark shifts in the active site of a protein with a polarized force field. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 6015-23 | 2.8 | 21 |
| 78 | How Well Can the M06 Suite of Functionals Describe the Electron Densities of Ne, Ne, and Ne?. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 6068-6077 | 6.4 | 19 |
| 77 | Finite-temperature second-order many-body perturbation and Hartree-Fock theories for one-dimensional solids: an application to Peierls and charge-density-wave transitions in conjugated polymers. <i>Journal of Chemical Physics</i> , 2014 , 140, 024702 | 3.9 | 17 |
| 76 | Accurate benchmark calculations on the gas-phase basicities of small molecules. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 10096-103 | 2.8 | 17 |
| 75 | Full QM Calculation of RNA Energy Using Electrostatically Embedded Generalized Molecular Fractionation with Conjugate Caps Method. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 2503-2514 | 2.8 | 16 |
| 74 | Fragment-based quantum mechanical approach to biomolecules, molecular clusters, molecular crystals and liquids. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 12341-12367 | 3.6 | 16 |
| 73 | M06-SX screened-exchange density functional for chemistry and solid-state physics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2294-2301 | 11.5 | 16 |
| 72 | A Coupled Ionization-Conformational Equilibrium Is Required To Understand the Properties of Ionizable Residues in the Hydrophobic Interior of Staphylococcal Nuclease. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1639-1648 | 16.4 | 16 |
| 71 | Prediction of Excited-State Properties of Oligoacene Crystals Using Fragment-Based Quantum Mechanical Method. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 5407-5417 | 2.8 | 15 |
| 70 | Stability, Vibrations, and Diffusion of Hydrogen Gas in Clathrate Hydrates: Insights from Ab Initio Calculations on Condensed-Phase Crystalline Structures. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 12052-12067 | 3.8 | 15 |
| 69 | Combining the Fragmentation Approach and Neural Network Potential Energy Surfaces of Fragments for Accurate Calculation of Protein Energy. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 3027-3035 | 3.4 | 15 |
| 68 | Quantitative Prediction of Aggregation-Induced Emission: A Full Quantum Mechanical Approach to the Optical Spectra. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11550-11555 | 16.4 | 14 |

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| 67 | Fragment-based quantum mechanical calculation of protein-protein binding affinities. <i>Journal of Computational Chemistry</i> , 2018 , 39, 1617-1628 | 3.5 | 14 |
| 66 | Rational Crystal Polymorph Design of Olanzapine. <i>Crystal Growth and Design</i> , 2019 , 19, 2388-2395 | 3.5 | 13 |
| 65 | Computational search for aflatoxin binding proteins. <i>Chemical Physics Letters</i> , 2017 , 685, 1-8 | 2.5 | 13 |
| 64 | Polymer-supported graphene/IrO ₂ doped with nonmetallic elements with enhanced photocatalytic reaction under visible light. <i>Journal of Materials Science</i> , 2020 , 55, 1577-1591 | 4.3 | 13 |
| 63 | From CuFeS to BaCuFeGeS: rational band gap engineering achieves large second-harmonic-generation together with high laser damage threshold. <i>Chemical Communications</i> , 2019 , 55, 14510-14513 | 5.8 | 13 |
| 62 | Probing the Ion-Specific Effects at the Water/Air Interface and Water-Mediated Ion Pairing in Sodium Halide Solution with Ab Initio Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 10202-10209 | 3.4 | 13 |
| 61 | Fragment Quantum Mechanical Method for Excited States of Proteins: Development and Application to the Green Fluorescent Protein. <i>Journal of Chemical Theory and Computation</i> , 2020 , 16, 5174-5188 | 6.4 | 12 |
| 60 | Quantum Mechanical Study of Vicinal J Spin-Spin Coupling Constants for the Protein Backbone. <i>Journal of Chemical Theory and Computation</i> , 2013 , 9, 4653-9 | 6.4 | 12 |
| 59 | M11plus: A Range-Separated Hybrid Meta Functional with Both Local and Rung-3.5 Correlation Terms and High Across-the-Board Accuracy for Chemical Applications. <i>Journal of Chemical Theory and Computation</i> , 2019 , 15, 4804-4815 | 6.4 | 11 |
| 58 | Quantum mechanical calculation of electric fields and vibrational Stark shifts at active site of human aldose reductase. <i>Journal of Chemical Physics</i> , 2015 , 143, 184111 | 3.9 | 10 |
| 57 | AIE-Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 9593-9601 | 3.6 | 10 |
| 56 | DeepBSP-a Machine Learning Method for Accurate Prediction of Protein-Ligand Docking Structures. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 2231-2240 | 6.1 | 10 |
| 55 | A systematic study on RNA NMR chemical shift calculation based on the automated fragmentation QM/MM approach. <i>RSC Advances</i> , 2016 , 6, 108590-108602 | 3.7 | 10 |
| 54 | A Fragment Quantum Mechanical Method for Metalloproteins. <i>Journal of Chemical Theory and Computation</i> , 2019 , 15, 1430-1439 | 6.4 | 9 |
| 53 | A coupled two-dimensional main chain torsional potential for protein dynamics: generation and implementation. <i>Journal of Molecular Modeling</i> , 2013 , 19, 3647-57 | 2 | 9 |
| 52 | Comparison of quantum and mixed quantum/classical semirigid vibrating rotor target studies for isotopic reactions H(D,T)+CH ₄ -HH(D,T)+CH ₃ . <i>Journal of Chemical Physics</i> , 2003 , 119, 9455-9460 | 3.9 | 9 |
| 51 | Anisotropic Gas Separation in Oriented ZIF-95 Membranes Prepared by Vapor-Assisted In-Plane Epitaxial Growth. <i>Angewandte Chemie</i> , 2020 , 132, 21044-21048 | 3.6 | 9 |
| 50 | PBSA_E: A PBSA-Based Free Energy Estimator for Protein-Ligand Binding Affinity. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 854-61 | 6.1 | 9 |

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| 49 | Exploring Protein Structures by DNP-Enhanced Methyl Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19888-19901 | 16.4 | 9 |
| 48 | Automated Fragmentation QM/MM Calculation of NMR Chemical Shifts for Protein-Ligand Complexes. <i>Frontiers in Chemistry</i> , 2018 , 6, 150 | 5 | 7 |
| 47 | Benchmark study of ionization potentials and electron affinities of armchair single-walled carbon nanotubes using density functional theory. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 215501 | 1.8 | 7 |
| 46 | An Ab Initio QM/MM Study of the Electrostatic Contribution to Catalysis in the Active Site of Ketosteroid Isomerase. <i>Molecules</i> , 2018 , 23, | 4.8 | 7 |
| 45 | Crystal Structure Optimization and Gibbs Free Energy Comparison of Five Sulfathiazole Polymorphs by the Embedded Fragment QM Method at the DFT Level. <i>Crystals</i> , 2019 , 9, 256 | 2.3 | 6 |
| 44 | Structure, mechanism, and enantioselectivity shifting of lipase LipK107 with a simple way. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 1183-92 | 4 | 6 |
| 43 | Towards complete assignment of the infrared spectrum of the protonated water cluster H(HO). <i>Nature Communications</i> , 2021 , 12, 6141 | 17.4 | 6 |
| 42 | Ab initio-enabled phase transition prediction of solid carbon dioxide at ultra-high temperatures.. <i>RSC Advances</i> , 2019 , 10, 236-243 | 3.7 | 6 |
| 41 | Atmospheric Kinetics: Bimolecular Reactions of Carbonyl Oxide by a Triple-Level Strategy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8402-8413 | 16.4 | 6 |
| 40 | Assessing the performance of popular QM methods for calculation of conformational energies of trialanine. <i>Chemical Physics Letters</i> , 2016 , 652, 136-141 | 2.5 | 6 |
| 39 | Functional roles of tyrosine 185 during the bacteriorhodopsin photocycle as revealed by in situ spectroscopic studies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018 , 1859, 1006-1014 | 4.6 | 6 |
| 38 | Syntheses, structures, optical properties, and electronic structures of Ba ₆ Cu ₂ GSn ₄ S ₁₆ (G = Fe, Ni) and Sr ₆ D ₂ FeSn ₄ S ₁₆ (D = Cu, Ag). <i>Journal of Solid State Chemistry</i> , 2019 , 272, 69-77 | 3.3 | 5 |
| 37 | Correction of erroneously packed protein β side chains in the NMR structure based on ab initio chemical shift calculations. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18163-9 | 3.6 | 5 |
| 36 | Ab initio Quantum Mechanics/Molecular Mechanics Molecular Dynamics Simulation of CO in the Heme Distal Pocket of Myoglobin <i>Chinese Journal of Chemical Physics</i> , 2017 , 30, 705-716 | 0.9 | 5 |
| 35 | Room-temperature dynamic nuclear polarization enhanced NMR spectroscopy of small biological molecules in water. <i>Nature Communications</i> , 2021 , 12, 6880 | 17.4 | 5 |
| 34 | Ultrasensitive Sensing of Volatile Organic Compounds Using a Cu-Doped SnO ₂ -NiO p-n Heterostructure That Shows Significant Raman Enhancement*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26260-26267 | 16.4 | 5 |
| 33 | Elimination of Grain Boundary Defects in Zeolitic Imidazolate Framework ZIF-95 Membrane via Solvent-Free Secondary Growth. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25463-25467 | 16.4 | 5 |
| 32 | A Semiautomated Structure-Based Method To Predict Substrates of Enzymes via Molecular Docking: A Case Study with Candida antarctica Lipase B. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 1979-1994 | 6.1 | 4 |

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| 31 | Low-Temperature Polymorphic Transformation of β -Lactam Antibiotics. <i>Crystals</i> , 2019 , 9, 460 | 2.3 | 3 |
| 30 | Quantitative Prediction of Aggregation-Induced Emission: A Full Quantum Mechanical Approach to the Optical Spectra. <i>Angewandte Chemie</i> , 2020 , 132, 11647-11652 | 3.6 | 3 |
| 29 | Ab Initio Prediction of the Phase Transition for Solid Ammonia at High Pressures. <i>Scientific Reports</i> , 2020 , 10, 7546 | 4.9 | 3 |
| 28 | Binding mode of chitin and TLR2 via molecular docking and dynamics simulation. <i>Molecular Simulation</i> , 2016 , 42, 936-941 | 2 | 3 |
| 27 | Reaction mechanisms of CO oxidation on cationic, neutral, and anionic X-O-Cu (X = Au, Ag) clusters. <i>Chemical Physics Letters</i> , 2017 , 686, 116-123 | 2.5 | 3 |
| 26 | MFCC-Based Fragmentation Methods for Biomolecules 2017 , 323-348 | | 3 |
| 25 | Ab initio Ice, Dry Ice, and Liquid Water 2017 , 245-296 | | 3 |
| 24 | Novel theoretically designed HIV-1 non-nucleoside reverse transcriptase inhibitors derived from nevirapine. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2451 | 2 | 3 |
| 23 | Comparative study of Minnesota functionals performance on ferroelectric BaTiO ₃ and PbTiO ₃ . <i>Physical Review Materials</i> , 2020 , 4, | 3.2 | 3 |
| 22 | Quantum calculation of protein NMR chemical shifts based on the automated fragmentation method. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 827, 49-70 | 3.6 | 3 |
| 21 | Directional Proton Transfer in the Reaction of the Simplest Criegee Intermediate with Water Involving the Formation of Transient HO. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 3379-3386 | 6.4 | 3 |
| 20 | Drug-guided screening for pancreatic lipase inhibitors in functional foods. <i>Food and Function</i> , 2021 , 12, 4644-4653 | 6.1 | 3 |
| 19 | Phase Transition of Ice at High Pressures and Low Temperatures. <i>Molecules</i> , 2020 , 25, | 4.8 | 2 |
| 18 | Cholesterylization of Smoothed is a calcium-accelerated autoreaction involving an intramolecular ester intermediate.. <i>Cell Research</i> , 2022 , | 24.7 | 2 |
| 17 | Investigating mechanism of sweetness intensity differences through dynamic analysis of sweetener-T1R2-membrane systems.. <i>Food Chemistry</i> , 2021 , 374, 131807 | 8.5 | 2 |
| 16 | Ultrasensitive Sensing of Volatile Organic Compounds Using a Cu-Doped SnO ₂ -NiO p-n Heterostructure That Shows Significant Raman Enhancement**. <i>Angewandte Chemie</i> , 2021 , 133, 26464 | 3.6 | 2 |
| 15 | Development of a New Scoring Function for Virtual Screening: APBScore. <i>Journal of Chemical Information and Modeling</i> , 2020 , 60, 6355-6365 | 6.1 | 2 |
| 14 | Ab initio determination of crystal stability of di-p-tolyl disulfide. <i>Scientific Reports</i> , 2021 , 11, 7076 | 4.9 | 2 |

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| 13 | Accurate Prediction of Absorption Spectral Shifts of Proteorhodopsin Using a Fragment-Based Quantum Mechanical Method. <i>Molecules</i> , 2021 , 26, | 4.8 | 2 |
| 12 | Accurate Calculation of Electric Fields Inside Enzymes. <i>Methods in Enzymology</i> , 2016 , 578, 45-72 | 1.7 | 2 |
| 11 | Predicted PAR1 inhibitors from multiple computational methods. <i>Chemical Physics Letters</i> , 2016 , 659, 295-303 | 2.5 | 2 |
| 10 | COMPUTATIONAL STUDY OF HIV-1 gp41 NHR TRIMER: INHIBITION MECHANISMS OF N-SUBSTITUTED PYRROLE DERIVATIVES AND FRAGMENT-BASED VIRTUAL SCREENING. <i>Journal of Theoretical and Computational Chemistry</i> , 2013 , 12, 1341001 | 1.8 | 1 |
| 9 | Computational Analysis of Residue-Specific Binding Free Energies of Androgen Receptor to Ligands. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 646524 | 5.6 | 1 |
| 8 | Glucose-Lipopeptide Conjugates Reveal the Role of Glucose Modification Position in Complexation and the Potential of Malignant Melanoma Therapy. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 11483-11495 | 8.3 | 1 |
| 7 | Automated fragmentation quantum mechanical calculation of C and H chemical shifts in molecular crystals. <i>Journal of Chemical Physics</i> , 2021 , 154, 064502 | 3.9 | 0 |
| 6 | Discovering inhibitors of TEAD palmitate binding pocket through virtual screening and molecular dynamics simulation.. <i>Computational Biology and Chemistry</i> , 2022 , 98, 107648 | 3.6 | 0 |
| 5 | Fragment-Based Quantum Mechanical Calculation of Excited-State Properties of Fluorescent RNAs.. <i>Frontiers in Chemistry</i> , 2021 , 9, 801062 | 5 | 0 |
| 4 | Crius: A novel fragment-based algorithm of de novo substrate prediction for enzymes. <i>Protein Science</i> , 2018 , 27, 1526-1534 | 6.3 | |
| 3 | QM Implementation in Drug Design: Does It Really Help?. <i>Methods in Molecular Biology</i> , 2020 , 2114, 19-35. | 5.4 | |
| 2 | Analysis of the binding modes of the first- and second-generation antiandrogens with respect to F876L mutation. <i>Chemical Biology and Drug Design</i> , 2021 , 98, 60-72 | 2.9 | |
| 1 | A fixed multi-site interaction charge model for an accurate prediction of the QM/MM interactions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 21001-21012 | 3.6 | |