# Lalith Perera

## List of Publications by Citations



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|---|---|---|---|
| 125 papers | 19,738 citations | 39 h-index | 131 g-index |
| 131 ext. papers | 22,356 ext. citations | 6.8 avg, IF | 6.23 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 125 | A smooth particle mesh Ewald method. *Journal of Chemical Physics*, **1995**, 103, 8577-8593 | 3.9 | 14532 |
| 124 | New tricks for modelers from the crystallography toolkit: the particle mesh Ewald algorithm and its use in nucleic acid simulations. *Structure*, **1999**, 7, R55-60 | 5.2 | 497 |
| 123 | Many-body effects in molecular dynamics simulations of Na+(H2O)n and Cl(H2O)n clusters. *Journal of Chemical Physics*, **1991**, 95, 1954-1963 | 3.9 | 300 |
| 122 | Molecular Dynamics Simulation of Sodium Dodecyl Sulfate Micelle in Water: Micellar Structural Characteristics and Counterion Distribution. *Journal of Physical Chemistry B*, **2002**, 106, 3788-3793 | 3.4 | 293 |
| 121 | Towards accurate solvation dynamics of divalent cations in water using the polarizable amoeba force field: From energetics to structure. *Journal of Chemical Physics*, **2006**, 125, 054511 | 3.9 | 163 |
| 120 | Molecular Dynamics Simulations of Sodium Dodecyl Sulfate Micelle in Water: The Behavior of Water. *Journal of Physical Chemistry B*, **2002**, 106, 10902-10907 | 3.4 | 161 |
| 119 | Structures of Cl(H2O)n and F(H2O)n (n=2,3,...,15) clusters. Molecular dynamics computer simulations. *Journal of Chemical Physics*, **1994**, 100, 3085-3093 | 3.9 | 146 |
| 118 | Effect of the treatment of long-range forces on the dynamics of ions in aqueous solutions. *Journal of Chemical Physics*, **1995**, 102, 450-456 | 3.9 | 139 |
| 117 | Phenobarbital indirectly activates the constitutive active androstane receptor (CAR) by inhibition of epidermal growth factor receptor signaling. *Science Signaling*, **2013**, 6, ra31 | 8.8 | 138 |
| 116 | Plasminogen alleles influence susceptibility to invasive aspergillosis. *PLoS Genetics*, **2008**, 4, e1000101 | 6 | 131 |
| 115 | Structure and dynamics of Cl(H2O)20 clusters: The effect of the polarizability and the charge of the ion. *Journal of Chemical Physics*, **1992**, 96, 8288-8294 | 3.9 | 112 |
| 114 | The Origin of the Hydration Interaction of Lipid Bilayers from MD Simulation of Dipalmitoylphosphatidylcholine Membranes in Gel and Liquid Crystalline Phases. *Langmuir*, **1995**, 11, 4519-4531 | 4 | 110 |
| 113 | Uncovering the polymerase-induced cytotoxicity of an oxidized nucleotide. *Nature*, **2015**, 517, 635-9 | 50.4 | 102 |
| 112 | Dephosphorylation of threonine 38 is required for nuclear translocation and activation of human xenobiotic receptor CAR (NR1I3). *Journal of Biological Chemistry*, **2009**, 284, 34785-92 | 5.4 | 102 |
| 111 | Dynamics of ion solvation in a Stockmayer fluid. *Journal of Chemical Physics*, **1992**, 96, 3092-3101 | 3.9 | 100 |
| 110 | Stabilization energies of Cl, Br, and I ions in water clusters. *Journal of Chemical Physics*, **1993**, 99, 4222-4224 | 3.9 | 96 |
| 109 | The solvation of Cl, Br, and I in acetonitrile clusters: Photoelectron spectroscopy and molecular dynamics simulations. *Journal of Chemical Physics*, **1996**, 105, 2675-2685 | 3.9 | 95 |

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| 108 | Spectral shifts and structural classes in microsolutions of rare gas clusters containing a molecular chromophore. *Journal of Chemical Physics*, **1990**, 93, 4884-4897 | 3.9 | 88 |
| 107 | SAT-205 ESR1 Q375H and R394H Mutants Associated with Estrogen Insensitivity Syndrome Mediate Genome-Wide Genetic and Epigenetic Aberrances. *Journal of the Endocrine Society*, **2019**, 3, | 0.4 | 78 |
| 106 | Charge localization in negative ion dynamics: Effect on caging of Br□ in Arn and (CO2)n clusters. *Journal of Chemical Physics*, **1989**, 90, 7354-7368 | 3.9 | 76 |
| 105 | Surface solvation for an ion in a water cluster. *Journal of Chemical Physics*, **2005**, 122, 024513 | 3.9 | 74 |
| 104 | GATA3-dependent cellular reprogramming requires activation-domain dependent recruitment of a chromatin remodeler. *Genome Biology*, **2016**, 17, 36 | 18.3 | 74 |
| 103 | Role of Water in the Hydration Force Acting between Lipid Bilayers. *Langmuir*, **1996**, 12, 2625-2629 | 4 | 69 |
| 102 | Structure and dynamics of zymogen human blood coagulation factor X. *Biophysical Journal*, **2002**, 82, 1190-206 | 2.9 | 63 |
| 101 | Enthalpies of formation and stabilization energies of Br□(H2O)n (n=1,2, □15) clusters. Comparisons between molecular dynamics computer simulations and experiment. *Chemical Physics Letters*, **1994**, 218, 377-382 | 2.5 | 63 |
| 100 | Cube to cage transitions in (H2O)n (n=12, 16, and 20). *Journal of Chemical Physics*, **1996**, 105, 3715-3721 | 3.9 | 61 |
| 99 | Reaction mechanism of the epsilon subunit of E. coli DNA polymerase III: insights into active site metal coordination and catalytically significant residues. *Journal of the American Chemical Society*, **2009**, 131, 1550-6 | 16.4 | 52 |
| 98 | Serological, genomic and structural analyses of the major mite allergen Der p 23. *Clinical and Experimental Allergy*, **2016**, 46, 365-76 | 4.1 | 52 |
| 97 | Potential SARS-CoV-2 main protease inhibitors. *Drug Discovery Today*, **2021**, 26, 804-816 | 8.8 | 52 |
| 96 | Simple Formulas for Improved Point-Charge Electrostatics in Classical Force Fields and Hybrid Quantum Mechanical/Molecular Mechanical Embedding. *International Journal of Quantum Chemistry*, **2008**, 108, 1905-1912 | 2.1 | 51 |
| 95 | The structure of water at platinum/water interfaces Molecular dynamics computer simulations. *Surface Science*, **1995**, 335, 401-415 | 1.8 | 51 |
| 94 | Differential Biological Action, Coregulator Interactions, and Molecular Dynamic Analysis of Bisphenol A (BPA), BPAF, and BPS Ligand-ER□Complexes. *Environmental Health Perspectives*, **2018**, 126, 017012 | 8.4 | 51 |
| 93 | Catalytic mechanism of human DNA polymerase lambda with Mg2+ and Mn2+ from ab initio quantum mechanical/molecular mechanical studies. *DNA Repair*, **2008**, 7, 1824-34 | 4.3 | 50 |
| 92 | GATA3 zinc finger 2 mutations reprogram the breast cancer transcriptional network. *Nature Communications*, **2018**, 9, 1059 | 17.4 | 45 |
| 91 | Solution structure of the Dickerson DNA dodecamer containing a single ribonucleotide. *Biochemistry*, **2012**, 51, 2407-16 | 3.2 | 45 |

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| 90 | Template strand scrunching during DNA gap repair synthesis by human polymerase lambda. *Nature Structural and Molecular Biology*, **2009**, 16, 967-72 | 17.6 | 45 |
| 89 | Requirement for transient metal ions revealed through computational analysis for DNA polymerase going in reverse. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5228-36 | 11.5 | 44 |
| 88 | Binding of 5-phospho-D-arabinonohydroxamate and 5-phospho-D-arabinonate inhibitors to zinc phosphomannose isomerase from Candida albicans studied by polarizable molecular mechanics and quantum mechanics. *Journal of Computational Chemistry*, **2007**, 28, 938-57 | 3.5 | 40 |
| 87 | Molecular insights into DNA polymerase deterrents for ribonucleotide insertion. *Journal of Biological Chemistry*, **2011**, 286, 31650-60 | 5.4 | 38 |
| 86 | Thermally Induced Structural Changes in F-(H2O)11 and Cl-(H2O)11 Clusters: Molecular Dynamics Computer Simulations. *The Journal of Physical Chemistry*, **1996**, 100, 1350-1356 | | 38 |
| 85 | An Ancient Family of RNA-Binding Proteins: Still Important!. *Trends in Biochemical Sciences*, **2017**, 42, 285-296 | 10.3 | 37 |
| 84 | Energetics and structure in I⁻ (CO2) n clusters. *Zeitschrift Für Physik D-Atoms Molecules and Clusters*, **1991**, 20, 173-175 | | 37 |
| 83 | Characterization of Estrogenic and Androgenic Activities for Bisphenol A-like Chemicals (BPs): In Vitro Estrogen and Androgen Receptors Transcriptional Activation, Gene Regulation, and Binding Profiles. *Toxicological Sciences*, **2019**, | 4.4 | 36 |
| 82 | Amino acid substitution in the active site of DNA polymerase β explains the energy barrier of the nucleotidyl transfer reaction. *Journal of the American Chemical Society*, **2013**, 135, 8078-88 | 16.4 | 36 |
| 81 | Ultrafast solvation dynamics in a Stockmayer fluid. *Journal of Chemical Physics*, **1992**, 97, 5253-5254 | 3.9 | 35 |
| 80 | Molecular mechanism of substrate specificity for heparan sulfate 2-O-sulfotransferase. *Journal of Biological Chemistry*, **2014**, 289, 13407-18 | 5.4 | 33 |
| 79 | Binding of bisphenol A, bisphenol AF, and bisphenol S on the androgen receptor: Coregulator recruitment and stimulation of potential interaction sites. *Toxicology in Vitro*, **2017**, 44, 287-302 | 3.6 | 31 |
| 78 | Phylogenetic distribution and evolution of the linked RNA-binding and NOT1-binding domains in the tristetraprolin family of tandem CCCH zinc finger proteins. *Journal of Interferon and Cytokine Research*, **2014**, 34, 297-306 | 3.5 | 30 |
| 77 | Free energy profiles for lithium(1+) and iodide ions approaching the platinum(100) surface: a molecular dynamics study. *The Journal of Physical Chemistry*, **1993**, 97, 13803-13806 | | 30 |
| 76 | Modeling zymogen protein C. *Biophysical Journal*, **2000**, 79, 2925-43 | 2.9 | 29 |
| 75 | Cooperative damage recognition by UvrA and UvrB: identification of UvrA residues that mediate DNA binding. *DNA Repair*, **2008**, 7, 392-404 | 4.3 | 28 |
| 74 | Cryo-EM structures of the SARS-CoV-2 endoribonuclease Nsp15 reveal insight into nuclease specificity and dynamics. *Nature Communications*, **2021**, 12, 636 | 17.4 | 28 |
| 73 | Engineering of betabellin-15D: a 64 residue beta sheet protein that forms long narrow multimeric fibrils. *Protein Science*, **1998**, 7, 1545-54 | 6.3 | 26 |

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| 72 | Phosphorylated Nuclear Receptor CAR Forms a Homodimer To Repress Its Constitutive Activity for Ligand Activation. *Molecular and Cellular Biology*, **2017**, 37, | 4.8 | 25 |
| 71 | Conformational dependence of 13C shielding and coupling constants for methionine methyl groups. *Journal of Biomolecular NMR*, **2010**, 48, 31-47 | 3 | 24 |
| 70 | Mobility of stretched water. *Journal of Chemical Physics*, **1993**, 98, 9859-9862 | 3.9 | 24 |
| 69 | Mitochondrial single-stranded DNA binding protein novel de novo SSBP1 mutation in a child with single large-scale mtDNA deletion (SLSMD) clinically manifesting as Pearson, Kearns-Sayre, and Leigh syndromes. *PLoS ONE*, **2019**, 14, e0221829 | 3.7 | 23 |
| 68 | Largazole Analogues Embodying Radical Changes in the Depsipeptide Ring: Development of a More Selective and Highly Potent Analogue. *Journal of Medicinal Chemistry*, **2016**, 59, 10642-10660 | 8.3 | 23 |
| 67 | Revealing the role of the product metal in DNA polymerase catalysis. *Nucleic Acids Research*, **2017**, 45, 2736-2745 | 20.1 | 22 |
| 66 | Molecular mechanisms for the regulation of histone mRNA stem-loop-binding protein by phosphorylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E2937-46 | 11.5 | 22 |
| 65 | A finite field method for calculating molecular polarizability tensors for arbitrary multipole rank. *Journal of Computational Chemistry*, **2011**, 32, 3283-95 | 3.5 | 22 |
| 64 | An all-atom solution-equilibrated model for human extrinsic blood coagulation complex (sTF-VIIa-Xa): a protein-protein docking and molecular dynamics refinement study. *Journal of Thrombosis and Haemostasis*, **2003**, 1, 2577-88 | 15.4 | 22 |
| 63 | Ion solvation in water clusters. *Zeitschrift F Physik D-Atoms Molecules and Clusters*, **1993**, 26, 166-168 | | 22 |
| 62 | Proposed structural models of human factor Va and prothrombinase. *Journal of Thrombosis and Haemostasis*, **2008**, 6, 83-9 | 15.4 | 21 |
| 61 | Four loops of the catalytic domain of factor viia mediate the effect of the first EGF-like domain substitution on factor viia catalytic activity. *Journal of Molecular Biology*, **2001**, 307, 1503-17 | 6.5 | 20 |
| 60 | Modeling Human Zymogen Factor IX. *Thrombosis and Haemostasis*, **2001**, 85, 596-603 | 7 | 20 |
| 59 | The discovery of new coding alleles of human CYP26A1 that are potentially defective in the metabolism of all-trans retinoic acid and their assessment in a recombinant cDNA expression system. *Pharmacogenetics and Genomics*, **2007**, 17, 169-80 | 1.9 | 19 |
| 58 | Mutational and structural analysis of the tandem zinc finger domain of tristetraprolin. *Journal of Biological Chemistry*, **2014**, 289, 565-80 | 5.4 | 17 |
| 57 | Heparan sulfate biosynthesis: a theoretical study of the initial sulfation step by N-deacetylase/N-sulfotransferase. *Biophysical Journal*, **2000**, 79, 2909-17 | 2.9 | 17 |
| 56 | Reversal of DNA damage induced Topoisomerase 2 DNA-protein crosslinks by Tdp2. *Nucleic Acids Research*, **2016**, 44, 3829-44 | 20.1 | 17 |
| 55 | Trans-cis isomerization of proline 22 in bovine prothrombin fragment 1: a surprising result of structural characterization. *Biochemistry*, **1998**, 37, 10920-7 | 3.2 | 16 |

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| 54 | Asymmetric conformational maturation of HIV-1 reverse transcriptase. *ELife*, **2015**, 4, | 8.9 | 16 |
| 53 | Identification of the effector domain of biglycan that facilitates BMP-2 osteogenic function. *Scientific Reports*, **2018**, 8, 7022 | 4.9 | 15 |
| 52 | Functional equivalence of an evolutionarily conserved RNA binding module. *Journal of Biological Chemistry*, **2015**, 290, 24413-23 | 5.4 | 14 |
| 51 | The Drosophila Tis11 protein and its effects on mRNA expression in flies. *Journal of Biological Chemistry*, **2014**, 289, 35042-60 | 5.4 | 14 |
| 50 | Genomic, RNAseq, and molecular modeling evidence suggests that the major allergen domain in insects evolved from a homodimeric origin. *Genome Biology and Evolution*, **2013**, 5, 2344-58 | 3.9 | 14 |
| 49 | Explicit water near the catalytic I helix Thr in the predicted solution structure of CYP2A4. *Biophysical Journal*, **2003**, 84, 57-68 | 2.9 | 14 |
| 48 | Determining the endocrine disruption potential of industrial chemicals using an integrative approach: Public databases, in vitro exposure, and modeling receptor interactions. *Environment International*, **2019**, 131, 104969 | 12.9 | 13 |
| 47 | Synthesis and biological evaluation of largazole analogues with modified surface recognition cap groups. *European Journal of Medicinal Chemistry*, **2014**, 86, 528-41 | 6.8 | 13 |
| 46 | HPAM: Hirshfeld Partitioned Atomic Multipoles. *Computer Physics Communications*, **2012**, 183, 390-397 | 4.2 | 13 |
| 45 | Atomic forces for geometry-dependent point multipole and gaussian multipole models. *Journal of Computational Chemistry*, **2010**, 31, 2702-13 | 3.5 | 13 |
| 44 | Binuclear manganese(II) complexes in biological systems. *Molecular Physics*, **2007**, 105, 2893-2898 | 1.7 | 13 |
| 43 | Predicted solution structure of zymogen human coagulation FVII. *Journal of Computational Chemistry*, **2002**, 23, 35-47 | 3.5 | 13 |
| 42 | Unusual fragmentation pathways in collagen glycopeptides. *Journal of the American Society for Mass Spectrometry*, **2013**, 24, 1072-81 | 3.5 | 12 |
| 41 | Reversal of drug resistance by JS-K and nitric oxide in ABCB1- and ABCG2-expressing multi-drug resistant human tumor cells. *Biomedicine and Pharmacotherapy*, **2019**, 120, 109468 | 7.5 | 11 |
| 40 | Modeling of the DNA-binding site of yeast Pms1 by mass spectrometry. *DNA Repair*, **2011**, 10, 454-65 | 4.3 | 11 |
| 39 | Total synthesis and selective activity of a new class of conformationally restrained epothilones. *Chemistry - A European Journal*, **2008**, 14, 570-81 | 4.8 | 11 |
| 38 | What causes the enhancement of activity of factor VIIa by tissue factor?. *Journal of Thrombosis and Haemostasis*, **2006**, 4, 2726-9 | 15.4 | 11 |
| 37 | Probing the structural changes in the light chain of human coagulation factor VIIa due to tissue factor association. *Biophysical Journal*, **1999**, 77, 99-113 | 2.9 | 11 |

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| 36 | The tandem zinc finger RNA binding domain of members of the tristetraprolin protein family. *Wiley Interdisciplinary Reviews RNA*, **2019**, 10, e1531 | 9.3 | 10 |
| 35 | Transmembrane domain interactions and residue proline 378 are essential for proper structure, especially disulfide bond formation, in the human vitamin K-dependent gamma-glutamyl carboxylase. *Biochemistry*, **2008**, 47, 6301-10 | 3.2 | 9 |
| 34 | A proposed structural model of human protein Z. *Journal of Thrombosis and Haemostasis*, **2007**, 5, 1558-61 | 15.4 | 9 |
| 33 | Hiding in Plain Sight: The Bimetallic Magnesium Covalent Bond in Enzyme Active Sites. *Inorganic Chemistry*, **2017**, 56, 313-320 | 5.1 | 8 |
| 32 | Characterization of SARS2 Nsp15 nuclease activity reveals it's mad about U. *Nucleic Acids Research*, **2021**, 49, 10136-10149 | 20.1 | 8 |
| 31 | Ligand induced dissociation of the AR homodimer precedes AR monomer translocation to the nucleus. *Scientific Reports*, **2019**, 9, 16734 | 4.9 | 7 |
| 30 | A ubiquitin-like domain is required for stabilizing the N-terminal ATPase module of human SMCHD1. *Communications Biology*, **2019**, 2, 255 | 6.7 | 6 |
| 29 | Characterization of an anti-Bla g 1 scFv: epitope mapping and cross-reactivity. *Molecular Immunology*, **2014**, 59, 200-7 | 4.3 | 6 |
| 28 | Structural characterization of the conformational change in calbindin-D28k upon calcium binding using differential surface modification analyzed by mass spectrometry. *Biochemistry*, **2009**, 48, 8603-14 | 3.2 | 6 |
| 27 | Computational study of the putative active form of protein Z (PZa): sequence design and structural modeling. *Protein Science*, **2008**, 17, 1354-61 | 6.3 | 6 |
| 26 | Hydrophobic ligands influence the structure, stability, and processing of the major cockroach allergen Bla g 1. *Scientific Reports*, **2019**, 9, 18294 | 4.9 | 6 |
| 25 | A Bioactive Resveratrol Trimer from the Stem Bark of the Sri Lankan Endemic Plant Vateria copallifera. *Journal of Natural Products*, **2018**, 81, 1693-1700 | 4.9 | 5 |
| 24 | Identification of drivers for the metamorphic transition of HIV-1 reverse transcriptase. *Biochemical Journal*, **2017**, 474, 3321-3338 | 3.8 | 5 |
| 23 | Applications of quantum mechanical/molecular mechanical methods to the chemical insertion step of DNA and RNA polymerization. *Advances in Protein Chemistry and Structural Biology*, **2014**, 97, 83-113 | 5.3 | 5 |
| 22 | A reconsideration of the evidence for structural reorganization in FVII zymogen. *Journal of Thrombosis and Haemostasis*, **2005**, 3, 1543-5 | 15.4 | 5 |
| 21 | Probing Dominant Negative Behavior of Glucocorticoid Receptor through a Hybrid Structural and Biochemical Approach. *Molecular and Cellular Biology*, **2018**, 38, | 4.8 | 4 |
| 20 | ESR1 Mutations Associated With Estrogen Insensitivity Syndrome Change Conformation of Ligand-Receptor Complex and Altered Transcriptome Profile. *Endocrinology*, **2020**, 161, | 4.8 | 4 |
| 19 | The mosquito protein AEG12 displays both cytolytic and antiviral properties via a common lipid transfer mechanism. *Proceedings of the National Academy of Sciences of the United States of America* , **2021**, 118, | 11.5 | 3 |

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| 18 | Influence of Hydrophobic Cargo Binding on the Structure, Stability, and Allergenicity of the Cockroach Allergen Bla g 1. *Journal of Allergy and Clinical Immunology*, **2019**, 143, AB213 | 11.5 | 2 |
| 17 | A post-transcriptional regulon controlled by TtpA, the single tristetraprolin family member expressed in Dictyostelium discoideum. *Nucleic Acids Research*, **2021**, 49, 11920-11937 | 20.1 | 2 |
| 16 | Cryo-EM Structures of the SARS-CoV-2 Endoribonuclease Nsp15 **2020**, | | 2 |
| 15 | NCX-4040, a Unique Nitric Oxide Donor, Induces Reversal of Drug-Resistance in Both ABCB1- and ABCG2-Expressing Multidrug Human Cancer Cells. *Cancers*, **2021**, 13, | 6.6 | 2 |
| 14 | Phosphopeptide interactions of the Nbs1 N-terminal FHA-BRCT1/2 domains. *Scientific Reports*, **2021**, 11, 9046 | 4.9 | 2 |
| 13 | Mechanisms of SSBP1 variants in mitochondrial disease: Molecular dynamics simulations reveal stable tetramers with altered DNA binding surfaces. *DNA Repair*, **2021**, 107, 103212 | 4.3 | 2 |
| 12 | Molecular Dynamics Computer Simulations of Aqueous Solution/Platinum Interface **1994**, 101-118 | | 1 |
| 11 | The humanized nanobody RBD-1-2G tolerates the spike N501Y mutation to neutralize SARS-CoV-2 **2021**, | | 1 |
| 10 | A smooth particle mesh Ewald method | | 1 |
| 9 | Characterization of SARS2 Nsp15 Nuclease Activity Reveals it Mad About U | | 1 |
| 8 | A new class of cytotoxic agents targets tubulin and disrupts microtubule dynamics. *Bioorganic Chemistry*, **2021**, 116, 105297 | 5.1 | 1 |
| 7 | Structural basis for proficient oxidized ribonucleotide insertion in double strand break repair. *Nature Communications*, **2021**, 12, 5055 | 17.4 | 0 |
| 6 | A structural expos of noncanonical molecular reactivity within the protein tyrosine phosphatase WPD loop.. *Nature Communications*, **2022**, 13, 2231 | 17.4 | 0 |
| 5 | Preferential DNA Polymerase Reverse Reaction with Imidodiphosphate. *ACS Omega*, **2020**, 5, 15317-15324 | 3.7 | |
| 4 | Early Unfolding Response of a Stable Protein Domain to Environmental Changes *Journal of Physical Chemistry A*, **2004**, 108, 9834-9840 | 2.8 | |
| 3 | Structural and functional consequences of SMCHD1 mutations associated with arhinia and muscular dystrophy. *FASEB Journal*, **2019**, 33, 493.5 | 0.9 | |
| 2 | Solvation Dynamics in a Stockmayer Fluid **1993**, 461-483 | | |
| 1 | Pharmacophore optimization of imidazole chalcones to modulate microtubule dynamics.. *Bioorganic Chemistry*, **2022**, 122, 105700 | 5.1 | |