

# Jorge Luiz Neves

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9026027/publications.pdf>

Version: 2024-02-01

30  
papers

607  
citations

623734

14  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

985  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Effects of pyriproxyfen on zebrafish brain mitochondria and acetylcholinesterase. <i>Chemosphere</i> , 2021, 263, 128029.  | 8.2  | 17        |
| 2  | A new lectin from the floral capitula of <i>Egletes viscosa</i> (EgviL): Biochemical and biophysical characterization and cytotoxicity to human cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 676-685.                    | 7.5  | 1         |
| 3  | Impact on cholinesterase-inhibition and in silico investigations of sesquiterpenoids from Amazonian <i>Siparuna guianensis</i> Aubl.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119511.                          | 3.9  | 7         |
| 4  | Effects of human serum albumin glycation on the interaction with the tyrosine kinase inhibitor pazopanib unveiled by multi-spectroscopic and bioinformatic tools. <i>Journal of Molecular Liquids</i> , 2021, 340, 116843.                                       | 4.9  | 6         |
| 5  | Evaluation of europium-based carbon nanocomposites as bioimaging probes: Preparation, NMR relaxivities, binding effects over plasma proteins and cytotoxic aspects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127250. | 4.7  | 2         |
| 6  | Efficient tyrosinase nano-inhibitor based on carbon dots behaving as a gathering of hydrophobic cores and key chemical group. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 112006.   | 5.0  | 1         |
| 7  | Binding Mechanism between Acetylcholinesterase and Drugs Pazopanib and Lapatinib: Biochemical and Biophysical Studies. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4500-4511.   | 3.5  | 7         |
| 8  | Insights on the interaction of furfural derivatives with BSA and HTF by applying multi-spectroscopic and molecular docking approaches. <i>Journal of Molecular Liquids</i> , 2020, 317, 114021.  | 4.9  | 16        |
| 9  | Probing the interaction of carbonaceous dots with transferrin and albumin: Impact on the protein structure and non-synergetic metal release. <i>Journal of Molecular Liquids</i> , 2019, 292, 111460.  | 4.9  | 10        |
| 10 | Furan inhibitory activity against tyrosinase and impact on B16F10 cell toxicity. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1034-1041.   | 7.5  | 35        |
| 11 | Spiro-acridine inhibiting tyrosinase enzyme: Kinetic, protein-ligand interaction and molecular docking studies. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 289-297.  | 7.5  | 14        |
| 12 | Duffy binding-like 1 $\pm$ adhesin from <i>Plasmodium falciparum</i> recognizes ABH histo-blood group saccharide in a type specific manner. <i>Carbohydrate Polymers</i> , 2019, 207, 266-275.   | 10.2 | 0         |
| 13 | Sonoelectrochemical synthesis of metal-organic frameworks. <i>Synthetic Metals</i> , 2016, 220, 369-373.   | 3.9  | 15        |
| 14 | New spiro-acridines: DNA interaction, antiproliferative activity and inhibition of human DNA topoisomerases. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 467-475.  | 7.5  | 33        |
| 15 | Synthesis of thiophene-thiosemicarbazone derivatives and evaluation of their in vitro and in vivo antitumor activities. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 148-156.   | 5.5  | 63        |
| 16 | Evidence of Ternary Complex Formation in <i>Trypanosoma cruzi</i> trans-Sialidase Catalysis. <i>Journal of Biological Chemistry</i> , 2014, 289, 423-436.  | 3.4  | 16        |
| 17 | New lanthanide-CB[6] coordination compounds: relationships between the crystal structure and luminescent properties. <i>Dalton Transactions</i> , 2014, 43, 5435-5442.   | 3.3  | 25        |
| 18 | The Fantastic Four: A plug $\hat{a}$ ™ play set of optimal control pulses for enhancing NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2013, 228, 16-31.   | 2.1  | 29        |

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|----|---|-----|-----------|
| 19 | Further structural characterization of the <i>Echinococcus granulosus</i> laminated layer carbohydrates: The blood-antigen P1-motif gives rise to branches at different points of the O-glycan chains. <i>Glycobiology</i> , 2013, 23, 438-452. | 2.5 | 21        |
| 20 | Structural Analysis of Intermolecular Interactions in the Kinesin Adaptor Complex Fasciculation and Elongation Protein Zeta 1/ Short Coiled-Coil Protein (FEZ1/SCOCO). <i>PLoS ONE</i> , 2013, 8, e76602.                                       | 2.5 | 8         |
| 21 | Multiple-spin coherence transfer in linear Ising spin chains and beyond: Numerically optimized pulses and experiments. <i>Physical Review A</i> , 2012, 85, .   | 2.5 | 22        |
| 22 | Sialic acid: a sweet swing between mammalian host and <i>Trypanosoma cruzi</i> . <i>Frontiers in Immunology</i> , 2012, 3, 356.   | 4.8 | 35        |
| 23 | Dissecting structure–function–stability relationships of a thermostable GH5-CBM3 cellulase from <i>Bacillus subtilis</i> 168. <i>Biochemical Journal</i> , 2012, 441, 95-104.   | 3.7 | 81        |
| 24 | The repeat domain of the type III effector protein PthA shows a TPR-like structure and undergoes conformational changes upon DNA interaction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 3386-3395.                    | 2.6 | 39        |
| 25 | Heteronuclear decoupling by optimal tracking. <i>Journal of Magnetic Resonance</i> , 2009, 201, 7-17.   | 2.1 | 28        |
| 26 | Quantum pattern recognition with liquid-state nuclear magnetic resonance. <i>Physical Review A</i> , 2009, 79, .  | 2.5 | 37        |
| 27 | Exploring the limits of polarization transfer efficiency in homonuclear three spin systems. <i>Journal of Magnetic Resonance</i> , 2006, 181, 126-134.  | 2.1 | 27        |
| 28 | Inversion of simulated positron annihilation lifetime spectra by moving boundary subspaces. <i>International Journal of Quantum Chemistry</i> , 2003, 95, 97-102.   | 2.0 | 0         |
| 29 | Recurrent Neural Network Model to Retrieve the Long Range Spherical Potential Energy Function from Second Virial Coefficient. <i>Inverse Problems in Science and Engineering</i> , 2002, 10, 153-162.   | 0.5 | 4         |
| 30 | Long-range spherical potential energy function from the second virial coefficient using decomposition into subspaces. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4355-4358.  | 2.8 | 8         |