

Miguel Reina

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

389
citations

759190

12
h-index

794568

19
g-index

31
all docs

31
docs citations

31
times ranked

435
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Comprehensive Investigation of the Antioxidant and Pro-oxidant Effects of Phenolic Compounds: A Double-Edged Sword in the Context of Oxidative Stress?. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6198-6214. | 2.6 | 71 |
| 2 | Adsorption of melphalan anticancer drug on C24, B12N12, B12C6N6, B6C12N12 and B6C6N12 nanocages: A comparative DFT study. <i>Journal of Molecular Liquids</i> , 2021, 329, 115528. | 4.9 | 34 |
| 3 | A new free radical scavenging cascade involving melatonin and three of its metabolites (3OHM, AFMK) Tj ETQq1 1 0.784314 ggBT /Over | 2.5 | 38 |
| 4 | A Computer-Assisted Systematic Search for Melatonin Derivatives with High Potential as Antioxidants. <i>Melatonin Research</i> , 2018, 1, 27-58. | 1.1 | 29 |
| 5 | Silybin and 2,3-Dehydrosilybin Flavonolignans as Free Radical Scavengers. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11597-11606. | 2.6 | 15 |
| 6 | Is Silybin the Best Free Radical Scavenger Compound in Silymarin?. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4568-4578. | 2.6 | 15 |
| 7 | Silybin interacting with Cu ₄ , Ag ₄ and Au ₄ clusters: Do these constitute antioxidant materials?. <i>Computational and Theoretical Chemistry</i> , 2017, 1112, 1-9. | 2.5 | 15 |
| 8 | Second generation of Casiopeinas [®] : A joint experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2021, 517, 120201. | 2.4 | 15 |
| 9 | Copper or free radical scavenger?. <i>Computational and Theoretical Chemistry</i> , 2017, 1104, 1-11. | 2.5 | 14 |
| 10 | How the presence of metal atoms and clusters can modify the properties of Silybin? A computational prediction. <i>Computational and Theoretical Chemistry</i> , 2017, 1099, 174-184. | 2.5 | 14 |
| 11 | Free radicals interacting with Cu, Ag and Au clusters. <i>Computational and Theoretical Chemistry</i> , 2017, 1120, 24-33. | 2.5 | 13 |
| 12 | Computationally designed p-coumaric acid analogs: searching for neuroprotective antioxidants. <i>New Journal of Chemistry</i> , 2021, 45, 14369-14380. | 2.8 | 13 |
| 13 | Cu, Ag and Au clusters as air pollutants hunters. <i>Computational and Theoretical Chemistry</i> , 2018, 1130, 15-23. | 2.5 | 12 |
| 14 | Understanding of vibrational and thermal behavior of bio-based doped alginate@nickel cross-linked beads: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2022, 1249, 131524. | 3.6 | 10 |
| 15 | Identification of descriptors for structure-activity relationship in ruthenium (II) mixed compounds with antiparasitic activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112084. | 5.5 | 9 |
| 16 | Compounds and Molecules: Learning How to Distinguish Them through an Educational Game. <i>Journal of Chemical Education</i> , 2022, 99, 1266-1271. | 2.3 | 9 |
| 17 | Conversion of Methyl Mercaptan to Hydrocarbons over H-ZSM-5 Zeolite: DFT/BOMD Study. <i>ACS Omega</i> , 2017, 2, 4647-4656. | 3.5 | 8 |
| 18 | CADMIO: Creating and Curating an Educational YouTube Channel with Chemistry Videos. <i>Journal of Chemical Education</i> , 2021, 98, 3593-3599. | 2.3 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Seguridad en el laboratorio: una aproximación práctica. <i>Educacion Quimica</i> , 2021, 32, 45. | 0.1 | 8 |
| 20 | Improving the Understanding of Chemistry by Using the Right Words: A Clear-Cut Strategy to Avoid Misconceptions When Talking about Elements, Atoms, and Molecules. <i>Journal of Chemical Education</i> , 2022, 99, 2999-3006. | 2.3 | 8 |
| 21 | MET-Organic: A Multilevel Card Game to Promote the Learning of Organic Chemistry Nomenclature. <i>Journal of Chemical Education</i> , 2022, 99, 1948-1956. | 2.3 | 6 |
| 22 | C ₃₆ and C ₃₅ E (E=N and B) Fullerenes as Potential Nanovehicles for Neuroprotective Drugs: A Comparative DFT Study. <i>ChemistrySelect</i> , 2021, 6, 4844-4858. | 1.5 | 5 |
| 23 | Are Small Quasi-Fullerenes Capable of Encapsulating Trimetallic Nitrides A ₃ B _x N (A, B =Sc, Y, La, x=1-3)? A DFT Study. <i>ChemistrySelect</i> , 2018, 3, 6791-6801. | 1.5 | 4 |
| 24 | Binding of multiple SO ₂ molecules to small gold cluster anions (Au _N ⁻ , Au _N OH ⁻ , N = 1-8). <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25987. | 2.0 | 4 |
| 25 | Pyridyl based mono and di-selenoethers: Synthesis, characterization and DFT study. <i>Journal of Molecular Structure</i> , 2020, 1205, 127449. | 3.6 | 4 |
| 26 | Theoretical study of Au ₂₀ /WS ₂ composite material as a potential candidate for the capture of XO (X=C, N, S) gases. <i>Computational Condensed Matter</i> , 2021, 28, e00580. | 2.1 | 4 |
| 27 | C _n and C _{n-1} B Fullerenes as Potential Nanovehicles for Piribedil Neuroprotective Drug (n=20, 36 and 60). <i>ChemistrySelect</i> , 2019, 4, 13916-13925. | 1.5 | 3 |
| 28 | Heteroleptic NiII complexes: Synthesis, structural characterization, computational studies and amoebicidal activity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 111043. | 3.5 | 3 |
| 29 | The influence of the carbohydrate anomeric linkage on the free radical scavenging activity of enzymatically-synthesized phenolic glycosides. <i>RSC Advances</i> , 2016, 6, 45452-45461. | 3.6 | 2 |
| 30 | Mixed RuII complexes containing diseleno ligand and 1,2-diketones donors with anticancer activity. Synthesis, characterization, electrochemical and DFT studies. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4856. | 2.0 | 1 |