# Martha C Daza

List of Publications by Year
in descending order

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| 23 | 511 | 759233 12 | 642732 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 829 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ion mobility spectrometry experiments should be carried out at high temperatures to reduce uncertainties in the measurement of reduced mobilities. Analytical Methods, 2021, 13, 2878-2887. | 2.7 | 4 |
| 2 | Effect of the acyl-group length on the chemoselectivity of the lipase-catalyzed acylation of propranololâ€"a computational study. Journal of Molecular Modeling, 2021, 27, 198. | 1.8 | 1 |
| 3 | Hydrogen Bonds and n â†' Ï€* Interactions in the Acetylation of Propranolol Catalyzed by Candida antarctica Lipase B: A QTAIM Study. ACS Omega, 2021, 6, 20992-21004. | 3.5 | 2 |
| 4 | Finite-temperature effect in the O-acylation of (R,S)-propranolol catalyzed by Candida antarctica lipase B. Journal of Molecular Graphics and Modelling, 2021, 107, 107951. | 2.4 | 1 |
| 5 | The Dimer-of-Trimers Assembly Prevents Catalysis at the Transferase Site of Prokaryotic FAD Synthase. Biophysical Journal, 2018, 115, 988-995. | 0.5 | 11 |
| 6 | Concerted double proton-transfer electron-transfer between catechol and superoxide radical anion. Physical Chemistry Chemical Physics, 2017, 19, 26179-26190. | 2.8 | 30 |
| 7 | Protonationâ€Stateâ€Driven Photophysics in Phenothiazinium Dyes: Intersystem Crossing and Singletâ€Oxygen Production. ChemPhotoChem, 2017, 1, 459-469. | 3.0 | 5 |
| 8 | Quantum Mechanics/Molecular Mechanics Insights into the Enantioselectivity of the O-Acetylation of (R,S)-Propranolol Catalyzed by Candida antarctica Lipase B. ACS Catalysis, 2017, 7, 115-127. | 11.2 | 23 |
| 9 | Internal heavy atom effects in phenothiazinium dyes: enhancement of intersystem crossing via vibronic spinâ€"orbit coupling. Physical Chemistry Chemical Physics, 2015, 17, 11350-11358. | 2.8 | 55 |
| 10 | Computational study of the enantioselectivity of the O-acetylation of (R,S)-propranolol catalyzed by Candida antarctica lipase B. Journal of Molecular Catalysis B: Enzymatic, 2014, 108, 21-31. | 1.8 | 12 |
| 11 | Acetylation of (R,S)-propranolol catalyzed by Candida antarctica lipase B: An experimental and computational study. Journal of Molecular Catalysis B: Enzymatic, 2013, 98, 21-29. | 1.8 | 20 |
| 12 | Visible light singlet oxygen production with tetra(4-carboxyphenyl)porphyrin/SiO2. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 259, 47-52. | 3.9 | 22 |
| 13 | A theoretical study of thionine: spinâ€"orbit coupling and intersystem crossing. Photochemical and Photobiological Sciences, 2012, 11, 1860-1867. | 2.9 | 24 |
| 14 | A quantum chemical investigation of the electronic structure of thionine. Photochemical and Photobiological Sciences, 2012, 11, 397-408. | 2.9 | 32 |
| 15 | CoHn (n=1â€"3): Classical and non-classical cobalt polyhydride. Chemical Physics Letters, 2010, 490, 143-147. | 2.6 | 5 |
| 16 | Visible light superoxide radical anion generation by tetra(4-carboxyphenyl)porphyrin/TiO2: EPR characterization. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 215, 172-178. | 3.9 | 97 |
| 17 | On the nature of copperâ€"hydrogen bonding: AIM and NBO analysis of CuH<sub>n</sub>(1) Tj ETQq1 1 0.784314 rgBT /Ove | 2.0 | 4 |
| 18 | Hydrogen bonds Câ€"Hâ‹¯O in superoxide anion radical â€" 1,4-Pentadiene complexes. Computational and Theoretical Chemistry, 2009, 893, 77-83. | 1.5 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Photophysics of phenalenone: quantum-mechanical investigation of singletâ€“triplet intersystem crossing. Physical Chemistry Chemical Physics, 2009, 11, 1688. | 2.8 | 31 |
| 20 | Quantum chemical and chemotopological study of fourth row monohydrides. Chemical Physics Letters, 2006, 428, 55-61. | 2.6 | 10 |
| 21 | Structure and bonding of weak hydrogen peroxide complexes. Computational and Theoretical Chemistry, 2002, 580, 117-126. | 1.5 | 25 |
| 22 | Structure and bonding of H2O2Â·Â·Â·X complexes with (X = NO+, CN-, HCN, HNC, CO). Physical Chemistry Chemical Physics, 2000, 2, 4089-4094. | 2.8 | 21 |
| 23 | Basis set superposition error-counterpoise corrected potential energy surfaces. Application to hydrogen peroxideâ‹¯X (X=Fâ‹¯,â€ŠClâ‹¯, Brâ‹¯,â€ŠLi+,â€ŠNa+) complexes. Journal of Chemical Physics, 1999, 110, 11806-11813. | 3.0 | 71 |