

# Gustavo Thalmer M Silva

## List of Publications by Year in descending order

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24  
papers

299  
citations

759055

12  
h-index

940416

16  
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24  
docs citations

24  
times ranked

258  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Photophysics and Electrochemistry of Biomimetic Pyranoflavyliums: What Can Bioinspiration from Red Wines Offer. <i>Photochem</i> , 2022, 2, 9-31.   | 1.3 | 3         |
| 2  | Charge transfer vs. proton transfer in the excited-state dynamics of biomimetic pyranoflavylium cations. <i>Journal of Photochemistry and Photobiology</i> , 2022, 10, 100110.                              | 1.1 | 3         |
| 3  | Fluorescence and Phosphorescence of Flavylium Cation Analogues of Anthocyanins. <i>Photochem</i> , 2022, 2, 423-434.  | 1.3 | 6         |
| 4  | Quantum chemical investigation of the ground- and excited-state acidities of a dihydroxyfuranoflavylium cation. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.                                       | 0.5 | 2         |
| 5  | Ab initio calculation of the excited states of nitropyrenes. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.  | 0.5 | 2         |
| 6  | The photophysics of photosensitization: A brief overview. <i>Journal of Photochemistry and Photobiology</i> , 2021, 7, 100042.  | 1.1 | 18        |
| 7  | Chromophores inspired by the colors of fruit, flowers and wine. <i>Pure and Applied Chemistry</i> , 2020, 92, 255-263.  | 0.9 | 10        |
| 8  | Hybrid Pigments from Anthocyanin Analogues and Synthetic Clay Minerals. <i>ACS Omega</i> , 2020, 5, 26592-26600.  | 1.6 | 18        |
| 9  | Anion binding to surfactant aggregates: AuCl <sub>4</sub> <sup>-</sup> in cationic, anionic and zwitterionic micelles. <i>Journal of Molecular Liquids</i> , 2020, 314, 113607.                             | 2.3 | 9         |
| 10 | Dye-sensitized solar cells based on dimethylamino- $\pi$ -bridge-pyranoanthocyanin dyes. <i>Solar Energy</i> , 2020, 206, 188-199.  | 2.9 | 15        |
| 11 | A computational study of the ground and excited state acidities of synthetic analogs of red wine pyranoanthocyanins. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.                                  | 0.5 | 9         |
| 12 | Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. <i>Photochemistry and Photobiology</i> , 2019, 95, 176-182.   | 1.3 | 16        |
| 13 | The electronic transitions of analogs of red wine pyranoanthocyanin pigments. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 45-53.  | 1.6 | 16        |
| 14 | Highly fluorescent hybrid pigments from anthocyanin- and red wine pyranoanthocyanin-analogs adsorbed on sepiolite clay. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1750-1760.            | 1.6 | 21        |
| 15 | Quantum chemical evidence for the origin of the red/blue colors of <i>Hydrangea macrophylla</i> sepals. <i>New Journal of Chemistry</i> , 2019, 43, 7532-7540.  | 1.4 | 7         |
| 16 | Ion-micelle interactions and the modeling of reactivity in micellar solutions of simple zwitterionic sulfobetaine surfactants. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 44, 168-176. | 3.4 | 5         |
| 17 | Improved Synthesis of Analogues of Red Wine Pyranoanthocyanin Pigments. <i>ACS Omega</i> , 2018, 3, 954-960.  | 1.6 | 20        |
| 18 | Formation and structure of chitosan-poly(sodium methacrylate) complex nanoparticles. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 83-91.   | 1.3 | 11        |

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|----|---|-----|-----------|
| 19 | Ground and Excited State Acidity of Analogs of Red Wine Pyranoanthocyanins,. Photochemistry and Photobiology, 2018, 94, 1086-1091.                                  | 1.3 | 18        |
| 20 | Organic/inorganic hybrid pigments from flavylum cations and palygorskite. Applied Clay Science, 2018, 162, 478-486.   | 2.6 | 38        |
| 21 | Preparation and characterization of dispersions based on chitosan and poly(styrene sulfonate). Colloid and Polymer Science, 2017, 295, 1071-1078.                   | 1.0 | 15        |
| 22 | From vine to wine: photophysics of a pyranoflavylum analog of red wine pyranoanthocyanins. Pure and Applied Chemistry, 2017, 89, 1761-1767.                         | 0.9 | 17        |
| 23 | Interpolyelectrolyte complex formation: From lyophilic to lyophobic colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 498, 112-120. | 2.3 | 13        |
| 24 | Quantum Chemical Investigation of the Intramolecular Copigmentation Complex of an Acylated Anthocyanin. Journal of the Brazilian Chemical Society, 0, , .           | 0.6 | 7         |