

# Helena C Junqueira

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

979  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1754  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Alkylation of a hydrophilic photosensitizer enhances the contact-dependent photo-induced oxidation of phospholipid membranes. <i>Dyes and Pigments</i> , 2021, 187, 109131.                         | 3.7  | 9         |
| 2  | Molecular organization in hydroperoxidized POPC bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183659.   | 2.6  | 12        |
| 3  | Lipofuscin in keratinocytes: Production, properties, and consequences of the photosensitization with visible light. <i>Free Radical Biology and Medicine</i> , 2020, 160, 277-292.                  | 2.9  | 17        |
| 4  | Photobleaching Efficiency Parallels the Enhancement of Membrane Damage for Porphyrazine Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 15547-15556.                 | 13.7 | 57        |
| 5  | Photo-Oxidation of Unilamellar Vesicles by a Lipophilic Pterin: Deciphering Biomembrane Photodamage. <i>Langmuir</i> , 2018, 34, 15578-15586.   | 3.5  | 23        |
| 6  | Bisarylselanylbenzo[2,1,3]selenadiazoles: Synthesis, Photophysical, Electrochemical and Singlet-Oxygen-Generation Properties. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6507-6514. | 2.4  | 13        |
| 7  | Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids. <i>Journal of the American Chemical Society</i> , 2018, 140, 9606-9615.          | 13.7 | 133       |
| 8  | Permeability of DOPC bilayers under photoinduced oxidation: Sensitivity to photosensitizer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2366-2373.                            | 2.6  | 11        |
| 9  | Fluorescent and Photosensitizing Conjugates of Cell-Penetrating Peptide TAT(47-57): Design, Microwave-Assisted Synthesis at 60 °C, and Properties. <i>ACS Omega</i> , 2017, 2, 8156-8166.           | 3.5  | 7         |
| 10 | Membrane damage by betulinic acid provides insights into cellular aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3129-3143.   | 2.4  | 19        |
| 11 | Urea enhances the photodynamic efficiency of methylene blue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 31-37.   | 3.8  | 45        |
| 12 | Membrane changes under oxidative stress: the impact of oxidized lipids. <i>Biophysical Reviews</i> , 2014, 6, 47-61.  | 3.2  | 121       |
| 13 | Lipid oxidation induces structural changes in biomimetic membranes. <i>Soft Matter</i> , 2014, 10, 4241.  | 2.7  | 104       |
| 14 | Photosensitization Mechanism in Lipid Membranes: The Role of Hydroperoxide Lipids. <i>Biophysical Journal</i> , 2012, 102, 198a.  | 0.5  | 0         |
| 15 | Light-Driven Horseradish Peroxidase Cycle by Using Photo-activated Methylene Blue as the Reducing Agent. <i>Photochemistry and Photobiology</i> , 2007, 83, 1254-1262.                              | 2.5  | 12        |
| 16 | Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue. <i>Photochemistry and Photobiology</i> , 2003, 77, 459-468.                                | 2.5  | 19        |
| 17 | Influence of Negatively Charged Interfaces on the Ground and Excited State Properties of Methylene Blue. <i>Photochemistry and Photobiology</i> , 2003, 77, 459.                                    | 2.5  | 155       |
| 18 | Modulation of methylene blue photochemical properties based on adsorption at aqueous micelle interfaces. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2320-2328.                           | 2.8  | 222       |