

# Eduarda M P Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

593  
citations

687363

13  
h-index

610901

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

914  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 1,6-Conjugate Addition of Nucleophiles to $\hat{1},\hat{2},\hat{3},\hat{4}$ -Diunsaturated Systems. <i>Synthesis</i> , 2012, 44, 3109-3128.  | 2.3 | 119       |
| 2  | Developments in the Synthesis of 1,2-Dihydropyridines. <i>Synthesis</i> , 2013, 45, 3053-3089.   | 2.3 | 98        |
| 3  | Synthesis of neutral and cationic tripyridylporphyrin-d-galactose conjugates and the photoinactivation of HSV-1. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4705-4713.  | 3.0 | 50        |
| 4  | Synthesis of cationic $\hat{2}$ -vinyl substituted meso-tetraphenylporphyrins and their in vitro activity against herpes simplex virus type 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3333-3337.  | 2.2 | 42        |
| 5  | Chain-dependent photocytotoxicity of tricationic porphyrin conjugates and related mechanisms of cell death in proliferating human skin keratinocytes. <i>Biochemical Pharmacology</i> , 2010, 80, 1373-1385.   | 4.4 | 23        |
| 6  | Diels-Alder Reactions of 1,2-Dihydropyridines: An Efficient Tool for the Synthesis of Isoquinuclidines. <i>Synthesis</i> , 2018, 50, 1773-1782.  | 2.3 | 22        |
| 7  | Photooxidation of glycosylated and non-glycosylated phosphatidylethanolamines monitored by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 68-78.   | 1.6 | 20        |
| 8  | Characterization of dinitroporphyrin zinc complexes by electrospray ionization tandem mass spectrometry. Unusual fragmentations of $\hat{2}$ -(1,3-dinitroalkyl) porphyrins. <i>Journal of Mass Spectrometry</i> , 2005, 40, 117-122.                                    | 1.6 | 18        |
| 9  | Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3605-3611.   | 1.5 | 15        |
| 10 | Characterization of isomeric cationic porphyrins with $\hat{2}$ -pyrrolic substituents by electrospray mass spectrometry: The singular behavior of a potential virus photoinactivator. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 218-225. | 2.8 | 15        |
| 11 | Cationic $\hat{2}$ -vinyl substituted <i>meso</i> -tetraphenylporphyrins: synthesis and non-covalent interactions with a short poly(dGdC) duplex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 101-113.  | 0.8 | 15        |
| 12 | Development and validation of a liquid chromatography-MS/MS method for simultaneous quantification of tenofovir and efavirenz in biological tissues and fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 136, 120-125.                           | 2.8 | 15        |
| 13 | Emergent Glycerophospholipid Fluorescent Probes: Synthesis and Applications. <i>Bioconjugate Chemistry</i> , 2020, 31, 417-435.  | 3.6 | 14        |
| 14 | Towards the Total Synthesis of Mycaperoxide B: Probing Biosynthetic Rationale. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1209-1216.   | 2.4 | 11        |
| 15 | Analytical methods for quantification of tranexamic acid in biological fluids: A review. <i>Microchemical Journal</i> , 2017, 134, 333-342.  | 4.5 | 11        |
| 16 | Electrospray Tandem Mass Spectrometry of $\hat{2}$ -Nitroalkenyl <i>Meso</i> -Tetraphenylporphyrins. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 49-59.   | 1.0 | 9         |
| 17 | Structural Effects of the $\hat{2}$ -Vinyl Linker in Pyridinium Porphyrins: Spectroscopic Studies in Organic Solvents and AOT Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15023-15032.   | 2.6 | 9         |
| 18 | Evaluation of the photooxidation of galactosyl- and lactosylceramide by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2275-2284.   | 1.5 | 9         |

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|----|--|-----|-----------|
| 19 | Microplate ORAC-pyranine spectrophotometric assay for high-throughput assessment of antioxidant capacity. <i>Microchemical Journal</i> , 2020, 158, 105156.  | 4.5 | 8         |
| 20 | Tricationic Porphyrin Conjugates: Evidence for Chain-Structure-Dependent Relaxation of Excited Singlet and Triplet States. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16695-16704.  | 2.6 | 7         |
| 21 | Lipid remodelling in human melanoma cells in response to UVA exposure. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 744-752.  | 2.9 | 7         |
| 22 | 1,6-Conjugated Addition of Nitromethane to (E)-2-Styrylchromones: A New Synthesis of Novel 2-Substituted 4-Arylpyrrole Derivatives. <i>Synlett</i> , 2011, 2011, 2740-2744.  | 1.8 | 6         |
| 23 | 1,6-Conjugate Addition of Carbon Nucleophiles to (E)-2-Styrylchromones: Unexpected Synthesis of a Stereochemically Complex Pentasubstituted Spirocyclohexane. <i>Synlett</i> , 2013, 24, 2375-2382.  | 1.8 | 6         |
| 24 | Do cinnamylideneacetophenones have antioxidant properties and a protective effect toward the oxidation of phosphatidylcholines?. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 331-337.  | 5.5 | 6         |
| 25 | Automatic solid-phase extraction by programmable flow injection coupled to chromatographic fluorimetric determination of fluoroquinolones. <i>Analytical Methods</i> , 2018, 10, 2180-2186.  | 2.7 | 6         |
| 26 | Determination of tranexamic acid in human plasma by UHPLC coupled with tandem mass spectrometry targeting sub-microgram per milliliter levels. <i>Microchemical Journal</i> , 2019, 144, 144-150.  | 4.5 | 6         |
| 27 | One-Pot Synthesis of Isoquinuclidines via 2,6-Diaryl-1,2-dihydropyridines using (E,E)-Cinnamylideneacetophenones as Templates. <i>Synthesis</i> , 2018, 50, 1965-1972.   | 2.3 | 4         |
| 28 | Fast monolith-based chromatographic method for determination of methotrexate in drug delivery studies. <i>Microchemical Journal</i> , 2019, 148, 185-189.  | 4.5 | 4         |
| 29 | Tandem mass spectrometry based investigation of cinnamylideneacetophenone derivatives: valuable tool for the differentiation of positional isomers. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3185-3195.                      | 1.5 | 3         |
| 30 | Characterization of 2,3-diarylxanthenes by electrospray mass spectrometry: gas-phase chemistry versus known antioxidant activity properties. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2228-2236.                             | 1.5 | 3         |
| 31 | Gas-phase structural characterization of neuropeptides Y1 receptor antagonists using mass spectrometry: Orbitrap vs triple quadrupole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 227-234.                            | 2.8 | 3         |
| 32 | Chromatographic method for the simultaneous quantification of dapsone and clofazimine in nanoformulations. <i>Journal of Separation Science</i> , 2018, 41, 3382-3388.   | 2.5 | 3         |
| 33 | Probing a Biomimetic Approach to Mycaperoxide B: Hydroperoxidation Studies. <i>Synlett</i> , 2010, 2010, 509-513.  | 1.8 | 2         |
| 34 | Determination of neuropeptide Y1 receptor antagonist BIBP 3226 and evaluation of receptor expression based on liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6625-6632. | 3.7 | 2         |
| 35 | Characterisation of (E)-2-styrylchromones by electrospray ionisation mass spectrometry: singular gas-phase formation of benzoxanthenones. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2251-2259.                                | 1.5 | 1         |
| 36 | Acetonitrile Adducts of Tranexamic Acid as Sensitive Ions for Quantification at Residue Levels in Human Plasma by UHPLC-MS/MS. <i>Pharmaceuticals</i> , 2021, 14, 1205.  | 3.8 | 1         |