# Marcos Dias Pereira

List of Publications by Year
in descending order



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|---|---|---|---|
| 57 papers | 1,857 citations | 236612 25 h-index | 276539 41 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 3058 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Urine proteomics as a non-invasive approach to monitor exertional rhabdomyolysis during military training. Journal of Proteomics, 2022, 258, 104498. | 1.2 | 2 |
| 2 | Efeito da suplementaÃ§Ã£o com selÃªnio e com as vitaminas C e E sobre biomarcadores hematolÃ³gicos em militares durante treinamento fÃsico vigoroso e prolongado. JIM - Jornal De InvestigaÃ§Ã£o MÃ©dica, 2022, 3, 087-104. | 0.3 | 0 |
| 3 | A water-soluble manganese(II) octanediaoate/phenanthroline complex acts as an antioxidant and attenuates alpha-synuclein toxicity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166475. | 1.8 | 1 |
| 4 | In vitro Studies of Antitumor Effect, Toxicity/Cytotoxicity and Skin Permeation/Retention of a Green Fluorescence Pyreneâ€based Dye for PDT Application. Photochemistry and Photobiology, 2021, 97, 408-415. | 1.3 | 1 |
| 5 | Silver(I) and Copper(II) Complexes of 1,10-Phenanthroline-5,6-Dione Against Phialophora verrucosa: A Focus on the Interaction With Human Macrophages and Galleria mellonella Larvae. Frontiers in Microbiology, 2021, 12, 641258. | 1.5 | 12 |
| 6 | Pieces of the Complex Puzzle of Cancer Cell Energy Metabolism: An Overview of Energy Metabolism and Alternatives for Targeted Cancer Therapy. Current Medicinal Chemistry, 2021, 28, 3514-3534. | 1.2 | 4 |
| 7 | Risk factors and future directions for preventing and diagnosing exertional rhabdomyolysis. Neuromuscular Disorders, 2021, 31, 583-595. | 0.3 | 5 |
| 8 | Antitumoral synergism between a copper(II) complex and cisplatin improves in vitro and in vivo anticancer activity against melanoma, lung and breast cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129963. | 1.1 | 10 |
| 9 | RabdomiÃ³lise em militares: uma missÃ£o de reconhecimento para prevenÃ§Ã£o. JIM - Jornal De InvestigaÃ§Ã£o MÃ©dica, 2021, 2, 039-056. | 0.3 | 2 |
| 10 | Characterization of lapachol cytotoxicity: contribution of glutathione depletion for oxidative stress in Saccharomyces cerevisiae. Folia Microbiologica, 2020, 65, 197-204. | 1.1 | 4 |
| 11 | Unmasking the Amphotericin B Resistance Mechanisms in Candida haemulonii Species Complex. ACS Infectious Diseases, 2020, 6, 1273-1282. | 1.8 | 24 |
| 12 | Disarming Pseudomonas aeruginosa Virulence by the Inhibitory Action of 1,10-Phenanthroline-5,6-Dione-Based Compounds: Elastase B (LasB) as a Chemotherapeutic Target. Frontiers in Microbiology, 2019, 10, 1701. | 1.5 | 41 |
| 13 | Copper(II) complexes of coumarin-derived Schiff base ligands: Pro- or antioxidant activity in MCF-7 cells?. Journal of Inorganic Biochemistry, 2019, 197, 110702. | 1.5 | 25 |
| 14 | Characterization of the activity, aggregation, and toxicity of heterodimers of WT and ALS-associated mutant Sod1. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25991-26000. | 3.3 | 43 |
| 15 | Implications of fALS Mutations on Sod1 Function and Oligomerization in Cell Models. Molecular Neurobiology, 2018, 55, 5269-5281. | 1.9 | 18 |
| 16 | Synthesis, characterization and biological activity of gallium(III) complexes with non-symmetrical NO-donor Schiff bases. Polyhedron, 2017, 123, 480-489. | 1.0 | 5 |
| 17 | A moderate metal-binding hydrazone meets the criteria for a bioinorganic approach towards Parkinson's disease: Therapeutic potential, blood-brain barrier crossing evaluation and preliminary toxicological studies. Journal of Inorganic Biochemistry, 2017, 170, 160-168. | 1.5 | 43 |
| 18 | Analysis of multiple components involved in the interaction between Cryptococcus neoformans and Acanthamoeba castellanii. Fungal Biology, 2017, 121, 602-614. | 1.1 | 41 |

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| 19 | Metal-based superoxide dismutase and catalase mimics reduce oxidative stress biomarkers and extend life span of Saccharomyces cerevisiae. Biochemical Journal, 2017, 474, 301-315. | 1.7 | 28 |
| 20 | A Reliable Assay to Evaluate the Virulence of Aspergillus nidulans Using the Alternative Animal Model Galleria mellonella (Lepidoptera). Bio-protocol, 2017, 7, . | 0.2 | 13 |
| 21 | Water-soluble and photo-stable silver(I) dicarboxylate complexes containing 1,10-phenanthroline ligands: Antimicrobial and anticancer chemotherapeutic potential, DNA interactions and antioxidant activity. Journal of Inorganic Biochemistry, 2016, 159, 120-132. | 1.5 | 52 |
| 22 | Silica nanoparticles doped with anthraquinone for lung cancer phototherapy. Journal of Photochemistry and Photobiology B: Biology, 2016, 165, 1-9. | 1.7 | 21 |
| 23 | Functional characterization of the <scp>A</scp>spergillus nidulans glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. Molecular Microbiology, 2016, 102, 488-505. | 1.2 | 34 |
| 24 | The putative autophagy regulator Atg7 affects the physiology and pathogenic mechanisms ofCryptococcus neoformans. Future Microbiology, 2016, 11, 1405-1419. | 1.0 | 30 |
| 25 | Azido- and chlorido-cobalt complex as carrier-prototypes for antitumoral prodrugs. Journal of Inorganic Biochemistry, 2016, 157, 104-113. | 1.5 | 24 |
| 26 | CTT1 overexpression increases life span of calorie-restricted Saccharomyces cerevisiae deficient in Sod1. Biogerontology, 2015, 16, 343-351. | 2.0 | 18 |
| 27 | Reduction of Toxoplasma gondii Development Due to Inhibition of Parasite Antioxidant Enzymes by a Dinuclear Iron(III) Compound. Antimicrobial Agents and Chemotherapy, 2015, 59, 7374-7386. | 1.4 | 27 |
| 28 | Iron, copper, and manganese complexes with in vitro superoxide dismutase and/or catalase activities that keep Saccharomyces cerevisiae cells alive under severe oxidative stress. Free Radical Biology and Medicine, 2015, 80, 67-76. | 1.3 | 73 |
| 29 | Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. PLoS Genetics, 2014, 10, e1004741. | 1.5 | 168 |
| 30 | Protection against cisplatin in calorie-restrictedSaccharomyces cerevisiaeis mediated by the nutrient-sensor proteins Ras2, Tor1, or Sch9 through its target Glutathione. FEMS Yeast Research, 2014, 14, 1147-1159. | 1.1 | 4 |
| 31 | A study on the properties and reactivity of naphthoquinoneâ€“cobalt(III) prototypes for bioreductive prodrugs. Journal of Inorganic Biochemistry, 2014, 132, 37-44. | 1.5 | 26 |
| 32 | Lawsone Dimerization in Cobalt(III) Complexes toward the Design of New Prototypes of Bioreductive Prodrugs. Inorganic Chemistry, 2013, 52, 1167-1169. | 1.9 | 41 |
| 33 | The involvement of GSH in the activation of human Sod1 linked to FALS in chronologically aged yeast cells. FEMS Yeast Research, 2013, 13, 433-440. | 1.1 | 21 |
| 34 | In vitro and in vivo activity of a new unsymmetrical dinuclear copper complex containing a derivative ligand of 1,4,7-triazacyclononane: catalytic promiscuity of [Cu2(L)Cl3]. Dalton Transactions, 2013, 42, 7059. | 1.6 | 20 |
| 35 | Brazilian propolis protects Saccharomyces cerevisiae cells against oxidative stress. Brazilian Journal of Microbiology, 2013, 44, 993-1000. | 0.8 | 35 |
| 36 | New synthetic Fe(III), Cu(II), Zn(II) and Mn(II) metallodrugs increase life span of saccharomyces cerevisiae strains during chronological aging. Free Radical Biology and Medicine, 2012, 53, S86. | 1.3 | 0 |

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| 37 | Rhamnolipid production: effect of oxidative stress on virulence factors and proteome of Pseudomonas aeruginosa PA1. Applied Microbiology and Biotechnology, 2012, 95, 1519-1529. | 1.7 | 27 |
| 38 | Oxidative Stress in Neurodegenerative Diseases and Ageing. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-1. | 1.9 | 14 |
| 39 | Requirement of glutathione for Sod1 activation during lifespan extension. Yeast, 2011, 28, 19-25. | 0.8 | 17 |
| 40 | An Iron-Based Cytosolic Catalase and Superoxide Dismutase Mimic Complex. Inorganic Chemistry, 2010, 49, 1274-1276. | 1.9 | 30 |
| 41 | In vitro and in vivo determination of antioxidant activity and mode of action of isoquercitrin and Hyptis fasciculata. Phytomedicine, 2009, 16, 761-767. | 2.3 | 50 |
| 42 | Lap4, a vacuolar aminopeptidase I, is involved in cadmium-glutathione metabolism. BioMetals, 2009, 22, 243-249. | 1.8 | 14 |
| 43 | Synthesis, characterization and biological activities of mononuclear Co(III) complexes as potential bioreductively activated prodrugs. Journal of Inorganic Biochemistry, 2009, 103, 1355-1365. | 1.5 | 23 |
| 44 | Glutathione is necessary to ensure benefits of calorie restriction during ageing in Saccharomyces cerevisiae. Mechanisms of Ageing and Development, 2008, 129, 700-705. | 2.2 | 30 |
| 45 | Antioxidant Protection of Resveratrol and Catechin in Saccharomyces cerevisiae. Journal of Agricultural and Food Chemistry, 2008, 56, 4268-4272. | 2.4 | 86 |
| 46 | Apoptosis as a mechanism for removal of mutated cells of Saccharomyces cerevisiae: The role of Grx2 under cadmium exposure. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 160-166. | 1.1 | 25 |
| 47 | The role of trehalose and its transporter in protection against reactive oxygen species. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 1408-1411. | 1.1 | 72 |
| 48 | Involvement of glutathione transferases, Gtt1and Gtt2, with oxidative stress response generated by H<sub>2</sub>O<sub>2</sub>during growth ofSaccharomyces cerevisiae. Redox Report, 2008, 13, 246-254. | 1.4 | 28 |
| 49 | Cytotoxicity Mechanism of Two Naphthoquinones (Menadione and Plumbagin) in Saccharomyces cerevisiae. PLoS ONE, 2008, 3, e3999. | 1.1 | 107 |
| 50 | Menadione stress in Saccharomyces cerevisiae strains deficient in the glutathione transferases. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 213-220. | 1.1 | 31 |
| 51 | Oxidative stress response in eukaryotes: effect of glutathione, superoxide dismutase and catalase on adaptation to peroxide and menadione stresses inSaccharomyces cerevisiae. Redox Report, 2007, 12, 236-244. | 1.4 | 51 |
| 52 | Trehalose protects Saccharomyces cerevisiae from lipid peroxidation during oxidative stress. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 340-346. | 1.1 | 132 |
| 53 | The effect of superoxide dismutase deficiency on cadmium stress. Journal of Biochemical and Molecular Toxicology, 2004, 18, 12-17. | 1.4 | 20 |
| 54 | Targets of oxidative stress in yeast sod mutants. Biochimica Et Biophysica Acta - General Subjects, 2003, 1620, 245-251. | 1.1 | 59 |

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| 55 | Acquisition of tolerance against oxidative damage in Saccharomyces cerevisiae. BMC Microbiology, 2001, 1, 11. | 1.3 | 90 |
| 56 | Induction of desiccation tolerance by osmotic treatment in Saccharomyces uvarum var. carlsbergensis. Canadian Journal of Microbiology, 1997, 43, 495-498. | 0.8 | 17 |
| 57 | The role of the trehalose transporter during germination. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1330, 165-171. | 1.4 | 18 |