

Grigore Damian

List of Publications by Year in descending order

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53
papers

1,047
citations

471061

17
h-index

433756

31
g-index

54
all docs

54
docs citations

54
times ranked

1494
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis and Structural Characterization of CaO-P2O5-CaF:CuO Glasses with Antitumoral Effect on Skin Cancer Cells. <i>Materials</i> , 2022, 15, 1526. | 1.3 | 1 |
| 2 | â€œYellowâ€•laccase from <i>Sclerotinia sclerotiorum</i> is a blue laccase that enhances its substrate affinity by forming a reversible tyrosyl-product adduct. <i>PLoS ONE</i> , 2020, 15, e0225530. | 1.1 | 19 |
| 3 | Title is missing!. , 2020, 15, e0225530. | | 0 |
| 4 | Title is missing!. , 2020, 15, e0225530. | | 0 |
| 5 | Title is missing!. , 2020, 15, e0225530. | | 0 |
| 6 | Title is missing!. , 2020, 15, e0225530. | | 0 |
| 7 | In vivo evaluation of hemerythrin-based oxygen carriers: Similarities with hemoglobin-based counterparts. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1422-1427. | 3.6 | 8 |
| 8 | Fe(III) â€“ Sulfide interaction in globins: Characterization and quest for a putative Fe(IV)-sulfide species. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 32-39. | 1.5 | 12 |
| 9 | Chlorite reactivity with myoglobin: Analogy with peroxide and nitrite chemistry?. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 122-128. | 1.5 | 0 |
| 10 | Electron Paramagnetic Resonance investigations of ultraviolet irradiated prednisone. , 2017, , . | | 1 |
| 11 | Comparative In Vivo Effects of Hemoglobin-Based Oxygen Carriers (HBOC) with Varying Prooxidant and Physiological Reactivity. <i>PLoS ONE</i> , 2016, 11, e0153909. | 1.1 | 14 |
| 12 | Antioxidant activity evaluation by physiologically relevant assays based on haemoglobin peroxidase activity and cytochrome <i>c</i> -induced oxidation of liposomes. <i>Natural Product Research</i> , 2016, 30, 1315-1319. | 1.0 | 15 |
| 13 | Evaluation of the Biochemical Effects of Silyl-Phosphaalkenes on Oxidative and Nitrosative Stress Pathways Involving Metallocenters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 292-299. | 0.8 | 5 |
| 14 | Antioxidant Activity Evaluation Involving Hemoglobin-Related Free Radical Reactivity. <i>Methods in Molecular Biology</i> , 2015, 1208, 247-255. | 0.4 | 20 |
| 15 | Evaluation of Antioxidant and Antimicrobial Activities and Phenolic Profile for <i>Hyssopus officinalis</i> , <i>Ocimum basilicum</i> and <i>Teucrium chamaedrys</i> . <i>Molecules</i> , 2014, 19, 5490-5507. | 1.7 | 151 |
| 16 | Involvement of ferryl in the reaction between nitrite and the oxy forms of globins. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1233-1239. | 1.1 | 10 |
| 17 | An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. <i>Food Chemistry</i> , 2014, 143, 214-222. | 4.2 | 19 |
| 18 | Microwave assisted synthesis, photophysical and redox properties of (phenothiazinyl)vinyl-pyridinium dyes. <i>Dyes and Pigments</i> , 2014, 102, 315-325. | 2.0 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | EPR investigation of libration motion of spin labeled hemerythrin. Journal of Molecular Structure, 2014, 1073, 18-23. | 1.8 | 1 |
| 20 | Oxidative Protection of Hemoglobin and Hemerythrin by Cross-Linking with a Nonheme Iron Peroxidase: Potentially Improved Oxygen Carriers for Use in Blood Substitutes. Biomacromolecules, 2014, 15, 1920-1927. | 2.6 | 31 |
| 21 | Contrast between Water and Ethanol Based Antioxidant Assays: Aspen (<i>Populus</i>) Tj ETQq1 1 0.784314 rg Journal of Food Quality, 2014, 37, 259-267. | 1.4 | 18 |
| 22 | Gamma radiation effects on seed germination, growth and pigment content, and ESR study of induced free radicals in maize (<i>Zea mays</i>). Journal of Biological Physics, 2013, 39, 625-634. | 0.7 | 140 |
| 23 | Spectroscopic investigation of PVA-TiO ₂ membranes gamma irradiated. Journal of Molecular Structure, 2013, 1044, 328-330. | 1.8 | 6 |
| 24 | Photoprotective effects of Romanian propolis on skin of mice exposed to UVB irradiation. Food and Chemical Toxicology, 2013, 62, 329-342. | 1.8 | 38 |
| 25 | Spectroscopic investigation of P ₂ O ₅ -CdO-Li ₂ O glass system. Journal of Non-Crystalline Solids, 2013, 359, 60-64. | 1.5 | 26 |
| 26 | Polyphenolic Composition, Antioxidant and Antibacterial Activities for Two Romanian Subspecies of <i>Achillea distans</i> Waldst. et Kit. ex Willd.. Molecules, 2013, 18, 8725-8739. | 1.7 | 53 |
| 27 | Anticancer and Antimicrobial Activities of Some Antioxidant-Rich Cameroonian Medicinal Plants. PLoS ONE, 2013, 8, e55880. | 1.1 | 58 |
| 28 | An EPR Study of Superoxide Radicals from Potassium Superoxide Solutions. Applied Magnetic Resonance, 2012, 42, 333-341. | 0.6 | 9 |
| 29 | Axial ligation in water-soluble copper porphyrinates: contrasts between EPR and UV-vis. Inorganic Chemistry Communication, 2012, 18, 1-3. | 1.8 | 6 |
| 30 | High spin to low spin change induced by reductive chemistry with iron-substituted Dawson polyoxometalate. Inorganic Chemistry Communication, 2012, 20, 70-72. | 1.8 | 1 |
| 31 | A yellow laccase with blue spectroscopic features, from <i>Sclerotinia sclerotiorum</i> . Process Biochemistry, 2012, 47, 968-975. | 1.8 | 43 |
| 32 | Antioxidant potential and authenticity of some commercial fruit juices studied by EPR and IRMS. Chemical Papers, 2012, 66, . | 1.0 | 6 |
| 33 | Derivatization of haemoglobin with periodate-generated reticulation agents: evaluation of oxidative reactivity for potential blood substitutes. Journal of Biochemistry, 2011, 149, 75-82. | 0.9 | 13 |
| 34 | Ascorbate peroxidase activity of cytochrome <i>c</i> . Free Radical Research, 2011, 45, 439-444. | 1.5 | 15 |
| 35 | Hemoglobin-albumin Crosslinked Copolymers: Reduced Prooxidant Reactivity. Artificial Cells, Blood Substitutes, and Biotechnology, 2011, 39, 293-297. | 0.9 | 11 |
| 36 | Super-reduced iron under physiologically-relevant conditions. Dalton Transactions, 2010, 39, 1464-1466. | 1.6 | 8 |

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|----|--|-----|-----------|
| 37 | Redox reactivity in propolis: direct detection of free radicals in basic medium and interaction with hemoglobin. <i>Redox Report</i> , 2009, 14, 267-274. | 1.4 | 34 |
| 38 | Gamma-irradiated ExtraVit M nutritive supplement studied by electron paramagnetic resonance spectroscopy. <i>Radiation Physics and Chemistry</i> , 2008, 77, 463-466. | 1.4 | 5 |
| 39 | ANTIOXIDANT ACTIVITY OF SOME TYPES OF WHITE WINES AND JUICES INVESTIGATED BY EPR SPECTROSCOPY. <i>Modern Physics Letters B</i> , 2008, 22, 2689-2698. | 1.0 | 8 |
| 40 | Raman spectroscopic study of some lead phosphate glasses with tungsten ions. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3121-3125. | 1.5 | 64 |
| 41 | Separation and Identification of Eight Hydrophilic Vitamins Using a New TLC Method and Raman Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2551-2559. | 0.5 | 19 |
| 42 | Rotational Correlation Times of 3-Carbamoyl-2,2,5,5-tetramethyl-3-pyrrolin-1-yloxy Spin Label with Respect to Heme and Nonheme Proteins. <i>Biomacromolecules</i> , 2003, 4, 1630-1635. | 2.6 | 25 |
| 43 | EPR investigation of γ -irradiated anti-emetic drugs. <i>Talanta</i> , 2003, 60, 923-927. | 2.9 | 40 |
| 44 | Identification of New Phthalazine Derivatives by HPTLC-FTIR and Characterization of Their Separation Using Some Molecular Properties. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2687-2696. | 0.5 | 5 |
| 45 | SEPARATION AND IDENTIFICATION OF SOME NITROXIDIC DERIVATIVES OF NICOTINIC ACID AND ISO-NICOTINIC ACID BY HPTLC COUPLED WITH ELECTRONIC PARAMAGNETIC RESONANCE (EPR). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 1515-1520. | 0.5 | 0 |
| 46 | EPR study of non-covalent spin labeled serum albumin and hemoglobin. <i>Biophysical Chemistry</i> , 2002, 99, 181-188. | 1.5 | 26 |
| 47 | IR and ESR studies on some dimeric copper(II) complexes. <i>Journal of Molecular Structure</i> , 2001, 563-564, 371-375. | 1.8 | 12 |
| 48 | IR and ESR studies on novel Cu(II) theophyllinato complexes containing mono- or bidentate ligands. <i>Journal of Molecular Structure</i> , 1999, 482-483, 143-147. | 1.8 | 7 |
| 49 | EPR study of some copper heterocyclic azomethine complexes adsorbed on X and Y zeolites. <i>Journal of Molecular Structure</i> , 1999, 482-483, 287-289. | 1.8 | 1 |
| 50 | NMR and ESR study of the local dynamics in some polyisoprene solutions. <i>Journal of Molecular Structure</i> , 1999, 482-483, 353-357. | 1.8 | 0 |
| 51 | ESR study of the dynamics of adsorbed nitroxide radicals on porous surfaces in the dehydration process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 137, 1-6. | 2.3 | 3 |
| 52 | ESR investigation of gamma-irradiated Aspirin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1997, 220, 241-244. | 0.7 | 14 |
| 53 | ESR study of some solvent effects of the Cu(II)-aspirinate complex. <i>Applied Magnetic Resonance</i> , 1995, 8, 235-242. | 0.6 | 8 |