

# Grigore Damian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9157654/publications.pdf>

Version: 2024-02-01

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	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
2	Gamma radiation effects on seed germination, growth and pigment content, and ESR study of induced free radicals in maize ( <i>Zea mays</i> ). <i>Journal of Biological Physics</i> , 2013, 39, 625-634.	0.7	140
3	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
4	Anticancer and Antimicrobial Activities of Some Antioxidant-Rich Cameroonian Medicinal Plants. <i>PLoS ONE</i> , 2013, 8, e55880.	1.1	58
5	Polyphenolic Composition, Antioxidant and Antibacterial Activities for Two Romanian Subspecies of <i>Achillea distans</i> Waldst. et Kit. ex Willd.. <i>Molecules</i> , 2013, 18, 8725-8739.	1.7	53
6	A "yellow" laccase with "blue" spectroscopic features, from <i>Sclerotinia sclerotiorum</i> . <i>Process Biochemistry</i> , 2012, 47, 968-975.	1.8	43
7	EPR investigation of $\beta^3$ -irradiated anti-emetic drugs. <i>Talanta</i> , 2003, 60, 923-927.	2.9	40
8	Photoprotective effects of Romanian propolis on skin of mice exposed to UVB irradiation. <i>Food and Chemical Toxicology</i> , 2013, 62, 329-342.	1.8	38
9	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
10	Oxidative Protection of Hemoglobin and Hemerythrin by Cross-Linking with a Nonheme Iron Peroxidase: Potentially Improved Oxygen Carriers for Use in Blood Substitutes. <i>Biomacromolecules</i> , 2014, 15, 1920-1927.	2.6	31
11	EPR study of non-covalent spin labeled serum albumin and hemoglobin. <i>Biophysical Chemistry</i> , 2002, 99, 181-188.	1.5	26
12	Spectroscopic investigation of $P_2O_5-CdO-Li_2O$ glass system. <i>Journal of Non-Crystalline Solids</i> , 2013, 359, 60-64.	1.5	26
13	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
14	Antioxidant Activity Evaluation Involving Hemoglobin-Related Free Radical Reactivity. <i>Methods in Molecular Biology</i> , 2015, 1208, 247-255.	0.4	20
15	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
16	An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. <i>Food Chemistry</i> , 2014, 143, 214-222.	4.2	19
17	"Yellow" 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
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	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
20	Ascorbate peroxidase activity of cytochrome <i>c</i> . Free Radical Research, 2011, 45, 439-444.	1.5	15
21	Antioxidant activity evaluation by physiologically relevant assays based on haemoglobin peroxidase activity and cytochrome <i>c</i> -induced oxidation of liposomes. Natural Product Research, 2016, 30, 1315-1319.	1.0	15
22	ESR investigation of gamma-irradiated Aspirin. Journal of Radioanalytical and Nuclear Chemistry, 1997, 220, 241-244.	0.7	14
23	Comparative In Vivo Effects of Hemoglobin-Based Oxygen Carriers (HBOC) with Varying Prooxidant and Physiological Reactivity. PLoS ONE, 2016, 11, e0153909.	1.1	14
24	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
25	IR and ESR studies on some dimeric copper(II) complexes. Journal of Molecular Structure, 2001, 563-564, 371-375.	1.8	12
26	Fe(III) $\mu$ -Sulfide interaction in globins: Characterization and quest for a putative Fe(IV)-sulfide species. Journal of Inorganic Biochemistry, 2018, 179, 32-39.	1.5	12
27	Hemoglobin-albumin Crosslinked Copolymers: Reduced Prooxidant Reactivity. Artificial Cells, Blood Substitutes, and Biotechnology, 2011, 39, 293-297.	0.9	11
28	Involvement of ferryl in the reaction between nitrite and the oxy forms of globins. Journal of Biological Inorganic Chemistry, 2014, 19, 1233-1239.	1.1	10
29	An EPR Study of Superoxide Radicals from Potassium Superoxide Solutions. Applied Magnetic Resonance, 2012, 42, 333-341.	0.6	9
30	ESR study of some solvent effects of the Cu(II)-aspirinate complex. Applied Magnetic Resonance, 1995, 8, 235-242.	0.6	8
31	ANTIOXIDANT ACTIVITY OF SOME TYPES OF WHITE WINES AND JUICES INVESTIGATED BY EPR SPECTROSCOPY. Modern Physics Letters B, 2008, 22, 2689-2698.	1.0	8
32	$\mu$ -Super-reduced $\mu$ ™ iron under physiologically-relevant conditions. Dalton Transactions, 2010, 39, 1464-1466.	1.6	8
33	In vivo evaluation of hemerythrin-based oxygen carriers: Similarities with hemoglobin-based counterparts. International Journal of Biological Macromolecules, 2018, 107, 1422-1427.	3.6	8
34	IR and ESR studies on novel Cu(II) theophyllinato complexes containing mono- or bidentate ligands. Journal of Molecular Structure, 1999, 482-483, 143-147.	1.8	7
35	Axial ligation in water-soluble copper porphyrinates: contrasts between EPR and UV-vis. Inorganic Chemistry Communication, 2012, 18, 1-3.	1.8	6
36	Antioxidant potential and authenticity of some commercial fruit juices studied by EPR and IRMS. Chemical Papers, 2012, 66, .	1.0	6

#	ARTICLE	IF	CITATIONS
37	Spectroscopic investigation of PVA-TiO <sub>2</sub> membranes gamma irradiated. Journal of Molecular Structure, 2013, 1044, 328-330.	1.8	6
38	Identification of New Phthalazine Derivatives by HPTLC-FTIR and Characterization of Their Separation Using Some Molecular Properties. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 2687-2696.	0.5	5
39	Gamma-irradiated ExtraVit M nutritive supplement studied by electron paramagnetic resonance spectroscopy. Radiation Physics and Chemistry, 2008, 77, 463-466.	1.4	5
40	Evaluation of the Biochemical Effects of Silyl-Phosphaalkenes on Oxidative and Nitrosative Stress Pathways Involving Metallocenters. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 292-299.	0.8	5
41	ESR study of the dynamics of adsorbed nitroxide radicals on porous surfaces in the dehydration process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 137, 1-6.	2.3	3
42	EPR study of some copper heterocyclic azomethine complexes adsorbed on X and Y zeolites. Journal of Molecular Structure, 1999, 482-483, 287-289.	1.8	1
43	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
44	EPR investigation of libration motion of spin labeled hemerythrin. Journal of Molecular Structure, 2014, 1073, 18-23.	1.8	1
45	Electron Paramagnetic Resonance investigations of ultraviolet irradiated prednisone. , 2017, , .		1
46	Synthesis and Structural Characterization of CaO-P <sub>2</sub> O <sub>5</sub> -CaF <sub>2</sub> :CuO Glasses with Antitumoral Effect on Skin Cancer Cells. Materials, 2022, 15, 1526.	1.3	1
47	NMR and ESR study of the local dynamics in some polyisoprene solutions. Journal of Molecular Structure, 1999, 482-483, 353-357.	1.8	0
48	SEPARATION AND IDENTIFICATION OF SOME NITROXIDIC DERIVATIVES OF NICOTINIC ACID AND ISO-NICOTINIC ACID BY HPTLC COUPLED WITH ELECTRONIC PARAMAGNETIC RESONANCE (EPR). Journal of Liquid Chromatography and Related Technologies, 2002, 25, 1515-1520.	0.5	0
49	Chlorite reactivity with myoglobin: Analogy with peroxide and nitrite chemistry?. Journal of Inorganic Biochemistry, 2017, 172, 122-128.	1.5	0
50	Title is missing!. , 2020, 15, e0225530.		0
51	Title is missing!. , 2020, 15, e0225530.		0
52	Title is missing!. , 2020, 15, e0225530.		0
53	Title is missing!. , 2020, 15, e0225530.		0