

Tiago Venâncio

List of Publications by Year in descending order

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61
papers

847
citations

566801

15
h-index

580395

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62
all docs

62
docs citations

62
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid analyses of oil and fat content in agricultural products using continuous wave free precession time domain NMR. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, S113-20.	1.1	60
2	Luminescent Ruthenium Complexes for Theranostic Applications. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4906-4915.	2.9	43
3	Chitosan grafted into mesoporous silica nanoparticles as benzimidazole carrier for Chagas diseases treatment. <i>Microporous and Mesoporous Materials</i> , 2018, 272, 265-275.	2.2	40
4	Fast and simultaneous measurement of longitudinal and transverse NMR relaxation times in a single continuous wave free precession experiment. <i>Journal of Magnetic Resonance</i> , 2005, 173, 34-39.	1.2	39
5	Luminescent Ru(II) Phenanthroline Complexes as a Probe for Real-Time Imaging of A β Self-Aggregation and Therapeutic Applications in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9215-9227.	2.9	35
6	Chemical modification of alginate with cysteine and its application for the removal of Pb(II) from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 1056-1068.	3.6	35
7	Organically modified sepiolite: Thermal treatment and chemical and morphological properties. <i>Applied Clay Science</i> , 2019, 179, 105149.	2.6	31
8	Chemical modification of sodium alginate with thiosemicarbazide for the removal of Pb(II) and Cd(II) from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2259-2270.	3.6	30
9	Complexes between methyltestosterone and β -cyclodextrin for application in aquaculture production. <i>Carbohydrate Polymers</i> , 2018, 179, 386-393.	5.1	27
10	Biohydroxylation of (α)-Ambroxol, (α)-Sclareol, and (+)-Sclareolide by Whole Cells of Brazilian Marine-Derived Fungi. <i>Marine Biotechnology</i> , 2015, 17, 211-218.	1.1	26
11	Comprehensive multiphase NMR spectroscopy: A new analytical method to study the effect of biodiesel blends on the structure of commercial rubbers. <i>Fuel</i> , 2016, 166, 436-445.	3.4	25
12	A novel pH-responsive hydrogel-based on calcium alginate engineered by the previous formation of polyelectrolyte complexes (PECs) intended to vaginal administration. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1656-1668.	0.9	25
13	Photoinduced Energy and Electron-Transfer Reactions by Polypyridine Ruthenium(II) Complexes Containing a Derivatized Perylene Diimide. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22831-22843.	1.5	23
14	Characterization of metabolic profile of intact non-tumor and tumor breast cells by high-resolution magic angle spinning nuclear magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , 2015, 488, 14-18.	1.1	22
15	Looking for the interactions between omeprazole and amoxicillin in a disordered phase. An experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 156, 70-77.	2.0	19
16	Functionalization of an Alginate-Based Material by Oxidation and Reductive Amination. <i>Polymers</i> , 2021, 13, 255.	2.0	19
17	Thermal diffusivity and nuclear spin relaxation: A continuous wave free precession NMR study. <i>Journal of Magnetic Resonance</i> , 2006, 181, 29-34.	1.2	17
18	NMR investigation of commercial carbon black filled vulcanized natural rubber exposed to petrodiesel/biodiesel mixtures. <i>Fuel</i> , 2016, 186, 50-57.	3.4	16

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19	Simultaneous measurements of T_1 and T_2 during fast polymerization reaction using continuous wave free precession NMR method. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 534-538.	1.1	15
20	The effect of different peroxides on physical and chemical properties of poly(lactic acid) modified with maleic anhydride. <i>Polymer</i> , 2019, 179, 121669.	1.8	15
21	Fast drying of high-alumina MgO-bonded refractory castables. <i>Ceramics International</i> , 2020, 46, 11137-11148.	2.3	15
22	Xanthation of alginate for heavy metal ions removal. Characterization of xanthate-modified alginates and its metal derivatives. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 130-142.	3.6	15
23	Synthesis, spectroscopic characterization, photochemical and photophysical properties and biological activities of ruthenium complexes with mono- and bi-dentate histamine ligand. <i>Dalton Transactions</i> , 2012, 41, 6726.	1.6	14
24	Antileishmanial macrolides from ant-associated <i>Streptomyces</i> sp. ISID311. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 116016.	1.4	14
25	Temperature-Driven Isosymmetric Reversible Phase Transition of the Hormone Estradiol 17 β Valerate. <i>Crystal Growth and Design</i> , 2014, 14, 5700-5709.	1.4	13
26	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 327, 15-20.	2.0	13
27	Influence of the mixing process on the graphitization of phenolic resins. <i>Ceramics International</i> , 2019, 45, 12196-12204.	2.3	13
28	Use of diffusion-ordered NMR spectroscopy and HPLC-UV-SPE-NMR to identify undeclared synthetic drugs in medicines illegally sold as phytotherapies. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 541-548.	1.1	11
29	Dichlorinated and Brominated Rugulovasines, Ergot Alkaloids Produced by <i>Talaromyces wortmannii</i> . <i>Molecules</i> , 2015, 20, 17627-17644.	1.7	10
30	Identification of Two New Phosphorylated Polyketides from a Brazilian <i>Streptomyces</i> sp. Through the Use of LC-SPE-NMR. <i>Helvetica Chimica Acta</i> , 2016, 99, 281-285.	1.0	10
31	Probing intermolecular interactions in a diethylcarbamazine citrate salt by fast MAS 1 H solid-state NMR spectroscopy and GIPAW calculations. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 87, 73-79.	1.5	10
32	Dimeric chalcones derivatives from <i>Myracrodruon urundeuva</i> act as cathepsin V inhibitors. <i>Phytochemistry</i> , 2018, 154, 31-38.	1.4	10
33	Characterization of the interactions between coumarin-derivatives and acetylcholinesterase: Examination by NMR and docking simulations. <i>Journal of Molecular Modeling</i> , 2018, 24, 207.	0.8	10
34	Polysaccharide-rich hydrogel formulation combined with photobiomodulation repairs UV-induced photodamage in mice skin. <i>Wound Repair and Regeneration</i> , 2020, 28, 645-655.	1.5	10
35	Processing of high resolution magic angle spinning spectra of breast cancer cells by the filter diagonalization method. <i>Analyst, The</i> , 2012, 137, 4546.	1.7	9
36	High resolution magic angle spinning NMR as a tool for unveiling the molecular enantioselectivity of omeprazole by amylose-based chiral phase. <i>Analyst, The</i> , 2014, 139, 1350.	1.7	9

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37	The use of variable temperature ^{13}C solid-state MAS NMR and GIPAW DFT calculations to explore the dynamics of diethylcarbamazine citrate. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 200-210.	1.1	9
38	Role of ferrocene-derived iron species in the catalytic graphitization of novolak resins. <i>Journal of Materials Science</i> , 2021, 56, 1298-1311.	1.7	9
39	DESI-MS imaging and NMR spectroscopy to investigate the influence of biodiesel in the structure of commercial rubbers. <i>Talanta</i> , 2017, 173, 22-27.	2.9	8
40	Mechanisms of storage and detoxification of Al in two tropical mistletoes. <i>Environmental and Experimental Botany</i> , 2018, 150, 37-45.	2.0	8
41	A new class of antimicrobial molecules derived from kefir, effective against <i>Pseudomonas aeruginosa</i> and methicillin resistant <i>Staphylococcus aureus</i> (MRSA) strains. <i>Scientific Reports</i> , 2020, 10, 17434.	1.6	8
42	Solvent Suppression in High-Resolution ^1H NMR Spectroscopy Using Conventional and Phase Alternated Continuous Wave Free Precession. <i>Applied Magnetic Resonance</i> , 2013, 44, 1265-1280.	0.6	6
43	A High-Resolution Magic Angle Spinning NMR Study of the Enantiodiscrimination of 3,4-Methylenedioxymethamphetamine (MDMA) by an Immobilized Polysaccharide-Based Chiral Phase. <i>PLoS ONE</i> , 2016, 11, e0162892.	1.1	6
44	Aluminium detoxification in facultative (<i>Passovia ovata</i> (Pohl ex DC.) Kujit and Struthanthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 472 58-63.	1.4	6
45	Probing the Structural Dynamics of the Coil-Globule Transition of Thermosensitive Nanocomposite Hydrogels. <i>Langmuir</i> , 2021, 37, 1531-1541.	1.6	6
46	Dynamic and structural correlations in nanocomposites of silica with modified surface and carboxylated nitrile rubber. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 247-253.	5.0	5
47	A Supramolecular Interaction of a Ruthenium Complex With Calf-Thymus DNA: A Ligand Binding Approach by NMR Spectroscopy. <i>Frontiers in Chemistry</i> , 2019, 7, 762.	1.8	5
48	Synthesis, Characterization, and Low-Toxicity Study of a Magnesium(II) Complex Containing an Isovanillate Group. <i>ACS Omega</i> , 2020, 5, 3504-3512.	1.6	5
49	New Limonoids from <i>Hortia oreadica</i> and Unexpected Coumarin from <i>H. superba</i> Using Chromatography over Cleaning Sephadex with Sodium Hypochlorite. <i>Molecules</i> , 2014, 19, 12031-12047.	1.7	4
50	Change in the Properties of Linear Low-Density Polyethylene (LLDPE)/Montmorillonite Clay Nanocomposites after a Fuel-Aging Process. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 7382-7390.	1.8	3
51	Effect of cis-9, trans-11 Conjugated Linoleic Acid (CLA) on the Metabolism Profile of Breast Cancer Cells Determined by ^1H HR-MAS NMR Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
52	Chronic Influence of Inspiratory Muscle Training at Different Intensities on the Serum Metabolome. <i>Metabolites</i> , 2020, 10, 78.	1.3	2
53	Probing the acetylcholinesterase inhibitory activity of a novel Ru(II) polypyridyl complex and the supramolecular interaction by (STD)-NMR. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111560.	1.5	2
54	Preparative Separation and Structural Identification of Impurities of a New β -Adrenoceptor Agonist Using Stacking Injection, LC-MSn and LC-SPE-NMR. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1

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55	Supramolecular assembly in the epiisopiloturine hydrochloride salt. <i>Journal of Molecular Structure</i> , 2017, 1136, 204-213.	1.8	1
56	Study of the in vitro metabolic profile of a new β -adrenergic agonist in rat and human liver microsomes by using liquid chromatography-multiple-stage mass spectrometry and nuclear magnetic resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 67-77.	1.4	1
57	¹ H qNMR and Chemometric Analyses of Urban Wastewater. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	1
58	Bidentate Coordination of 2Apy in cis-[Ru(phen)2(2Apy)] ²⁺ —Aiming at Photobiological Studies. <i>European Journal of Inorganic Chemistry</i> , 0, , .	1.0	1
59	Unusual 2(1 <i>H</i>)-Pyrazinones Isolated from a Culture of a Brazilian Marine-Derived <i>Streptomyces</i> sp. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	0
60	Evaluation of commercial and fresh-picked <i>Origanum vulgare</i> after dehydration. <i>International Research Journal of Materials Sciences and Applications</i> , 0, , 1-9.	0.0	0
61	Chronic Influence Of Inspiratory Muscle Training At Different Intensities On The Serum Metabolome. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 884-884.	0.2	0