## Tiago Venâncio

List of Publications by Year in descending order

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Τιλοο VενιÃανοιο

#	Article	IF	CITATIONS
1	Rapid analyses of oil and fat content in agriâ€food products using continuous wave free precession time domain NMR. Magnetic Resonance in Chemistry, 2011, 49, S113-20.	1.9	60
2	Luminescent Ruthenium Complexes for Theranostic Applications. Journal of Medicinal Chemistry, 2014, 57, 4906-4915.	6.4	43
3	Chitosan grafted into mesoporous silica nanoparticles as benznidazol carrier for Chagas diseases treatment. Microporous and Mesoporous Materials, 2018, 272, 265-275.	4.4	40
4	Fast and simultaneous measurement of longitudinal and transverse NMR relaxation times in a single continuous wave free precession experiment. Journal of Magnetic Resonance, 2005, 173, 34-39.	2.1	39
5	Luminescent Ru(II) Phenanthroline Complexes as a Probe for Real-Time Imaging of Aβ Self-Aggregation and Therapeutic Applications in Alzheimer's Disease. Journal of Medicinal Chemistry, 2016, 59, 9215-9227.	6.4	35
6	Chemical modification of alginate with cysteine and its application for the removal of Pb(II) from aqueous solutions. International Journal of Biological Macromolecules, 2019, 129, 1056-1068.	7.5	35
7	Organically modified sepiolite: Thermal treatment and chemical and morphological properties. Applied Clay Science, 2019, 179, 105149.	5.2	31
8	Chemical modification of sodium alginate with thiosemicarbazide for the removal of Pb(II) and Cd(II) from aqueous solutions. International Journal of Biological Macromolecules, 2018, 120, 2259-2270.	7.5	30
9	Complexes between methyltestosterone and β-cyclodextrin for application in aquaculture production. Carbohydrate Polymers, 2018, 179, 386-393.	10.2	27
10	Biohydroxylation of (â^')-Ambrox®, (â^')-Sclareol, and (+)-Sclareolide by Whole Cells of Brazilian Marine-Derived Fungi. Marine Biotechnology, 2015, 17, 211-218.	2.4	26
11	Comprehensive multiphase NMR spectroscopy: A new analytical method to study the effect of biodiesel blends on the structure of commercial rubbers. Fuel, 2016, 166, 436-445.	6.4	25
12	A novel pH-responsive hydrogel-based on calcium alginate engineered by the previous formation of polyelectrolyte complexes (PECs) intended to vaginal administration. Drug Development and Industrial Pharmacy, 2017, 43, 1656-1668.	2.0	25
13	Photoinduced Energy and Electron-Transfer Reactions by Polypyridine Ruthenium(II) Complexes Containing a Derivatized Perylene Diimide. Journal of Physical Chemistry C, 2016, 120, 22831-22843.	3.1	23
14	Characterization of metabolic profile of intact non-tumor and tumor breast cells by high-resolution magic angle spinning nuclear magnetic resonance spectroscopy. Analytical Biochemistry, 2015, 488, 14-18.	2.4	22
15	Looking for the interactions between omeprazole and amoxicillin in a disordered phase. An experimental and theoretical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 156, 70-77.	3.9	19
16	Functionalization of an Alginate-Based Material by Oxidation and Reductive Amination. Polymers, 2021, 13, 255.	4.5	19
17	Thermal diffusivity and nuclear spin relaxation: A continuous wave free precession NMR study. Journal of Magnetic Resonance, 2006, 181, 29-34.	2.1	17
18	NMR investigation of commercial carbon black filled vulcanized natural rubber exposed to petrodiesel/biodiesel mixtures. Fuel, 2016, 186, 50-57.	6.4	16

TIAGO VENâNCIO

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19	Simultaneous measurements of <i>T</i> <sub>1</sub> and <i>T</i> <sub>2</sub> during fast polymerization reaction using continuous waveâ€free precession NMR method. Magnetic Resonance in Chemistry, 2012, 50, 534-538.	1.9	15
20	The effect of different peroxides on physical and chemical properties of poly(lactic acid) modified with maleic anhydride. Polymer, 2019, 179, 121669.	3.8	15
21	Fast drying of high-alumina MgO-bonded refractory castables. Ceramics International, 2020, 46, 11137-11148.	4.8	15
22	Xanthation of alginate for heavy metal ions removal. Characterization of xanthate-modified alginates and its metal derivatives. International Journal of Biological Macromolecules, 2021, 169, 130-142.	7.5	15
23	Synthesis, spectroscopic characterization, photochemical and photophysical properties and biological activities of ruthenium complexes with mono- and bi-dentate histamine ligand. Dalton Transactions, 2012, 41, 6726.	3.3	14
24	Antileishmanial macrolides from ant-associated Streptomyces sp. ISID311. Bioorganic and Medicinal Chemistry, 2021, 32, 116016.	3.0	14
25	Temperature-Driven Isosymmetric Reversible Phase Transition of the Hormone Estradiol 17β Valerate. Crystal Growth and Design, 2014, 14, 5700-5709.	3.0	13
26	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 327, 15-20.	3.9	13
27	Influence of the mixing process on the graphitization of phenolic resins. Ceramics International, 2019, 45, 12196-12204.	4.8	13
28	Use of diffusionâ€ordered NMR spectroscopy and HPLC–UV–SPE–NMR to identify undeclared synthetic drugs in medicines illegally sold as phytotherapies. Magnetic Resonance in Chemistry, 2013, 51, 541-548.	1.9	11
29	Dichlorinated and Brominated Rugulovasines, Ergot Alkaloids Produced by Talaromyces wortmannii. Molecules, 2015, 20, 17627-17644.	3.8	10
30	ldentification of Two New Phosphorylated Polyketides from a Brazilian <i>Streptomyces</i> sp. Through the Use of <scp>LC</scp> – <scp>SPE</scp> / <scp>NMR</scp> . Helvetica Chimica Acta, 2016, 99, 281-285.	1.6	10
31	Probing intermolecular interactions in a diethylcarbamazine citrate salt by fast MAS 1 H solid-state NMR spectroscopy and GIPAW calculations. Solid State Nuclear Magnetic Resonance, 2017, 87, 73-79.	2.3	10
32	Dimeric chalcones derivatives from Myracrodruon urundeuva act as cathepsin V inhibitors. Phytochemistry, 2018, 154, 31-38.	2.9	10
33	Characterization of the interactions between coumarin-derivatives and acetylcholinesterase: Examination by NMR and docking simulations. Journal of Molecular Modeling, 2018, 24, 207.	1.8	10
34	Polysaccharideâ€rich hydrogel formulation combined with photobiomodulation repairs UVâ€induced photodamage in mice skin. Wound Repair and Regeneration, 2020, 28, 645-655.	3.0	10
35	Processing of high resolution magic angle spinning spectra of breast cancer cells by the filter diagonalization method. Analyst, The, 2012, 137, 4546.	3.5	9
36	High resolution magic angle spinning NMR as a tool for unveiling the molecular enantiorecognition of omeprazole by amylose-based chiral phase. Analyst, The, 2014, 139, 1350.	3.5	9

TIAGO VENâNCIO

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37	The use of variable temperature <scp> <sup>13</sup>C</scp> solidâ€state <scp>MAS NMR</scp> and <scp>GIPAW DFT</scp> calculations to explore the dynamics of diethylcarbamazine citrate. Magnetic Resonance in Chemistry, 2019, 57, 200-210.	1.9	9
38	Role of ferrocene-derived iron species in the catalytic graphitization of novolak resins. Journal of Materials Science, 2021, 56, 1298-1311.	3.7	9
39	DESI-MS imaging and NMR spectroscopy to investigate the influence of biodiesel in the structure of commercial rubbers. Talanta, 2017, 173, 22-27.	5.5	8
40	Mechanisms of storage and detoxification of Al in two tropical mistletoes. Environmental and Experimental Botany, 2018, 150, 37-45.	4.2	8
41	A new class of antimicrobial molecules derived from kefir, effective against Pseudomonas aeruginosa and methicillin resistant Staphylococcus aureus (MRSA) strains. Scientific Reports, 2020, 10, 17434.	3.3	8
42	Solvent Suppression in High-Resolution 1H NMR Spectroscopy Using Conventional and Phase Alternated Continuous Wave Free Precession. Applied Magnetic Resonance, 2013, 44, 1265-1280.	1.2	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. PLoS ONE, 2016, 11, e0162892.	2.5	6
44	Aluminium detoxification in facultative ( Passovia ovata (Pohl ex DC.) Kuijt and Struthanthus) Tj ETQq0 0 0 rgB	T /Overlock 2.9	10 Tf 50 472 6
45	Probing the Structural Dynamics of the Coil–Globule Transition of Thermosensitive Nanocomposite Hydrogels. Langmuir, 2021, 37, 1531-1541.	3.5	6
46	Dynamic and structural correlations in nanocomposites of silica with modified surface and carboxylated nitrile rubber. Journal of Colloid and Interface Science, 2016, 466, 247-253.	9.4	5
47	A Supramolecular Interaction of a Ruthenium Complex With Calf-Thymus DNA: A Ligand Binding Approach by NMR Spectroscopy. Frontiers in Chemistry, 2019, 7, 762.	3.6	5
48	Synthesis, Characterization, and Low-Toxicity Study of a Magnesium(II) Complex Containing an Isovanillate Group. ACS Omega, 2020, 5, 3504-3512.	3.5	5
49	New Limonoids from Hortia oreadica and Unexpected Coumarin from H. superba Using Chromatography over Cleaning Sephadex with Sodium Hypochlorite. Molecules, 2014, 19, 12031-12047.	3.8	4
50	Change in the Properties of Linear Low-Density Polyethylene (LLDPE)/Montmorillonite Clay Nanocomposites after a Fuel-Aging Process. Industrial & Engineering Chemistry Research, 2013, 52, 7382-7390.	3.7	3
51	Effect of cis-9, trans-11 Conjugated Linoleic Acid (CLA) on the Metabolism Profile of Breast Cancer Cells Determined by 1 H HR-MAS NMR Spectroscopy. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
52	Chronic Influence of Inspiratory Muscle Training at Different Intensities on the Serum Metabolome. Metabolites, 2020, 10, 78.	2.9	2
53	Probing the acetylcholinesterase inhibitory activity of a novel Ru(II) polypyridyl complex and the supramolecular interaction by (STD)-NMR. Journal of Inorganic Biochemistry, 2021, 224, 111560.	3.5	2
54	Preparative Separation and Structural Identification of Impurities of a New α2‑Adrenoceptor Agonist Using Stacking Injection, LC-MSn and LC-SPE-NMR. Journal of the Brazilian Chemical Society, 2016, , .	0.6	1

TIAGO VENâNCIO

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55	Supramolecular assembly in the epiisopiloturine hydrochloride salt. Journal of Molecular Structure, 2017, 1136, 204-213.	3.6	1
56	Study of the in vitro metabolic profile of a new α2-adrenergic agonist in rat and human liver microsomes by using liquid chromatography-multiple-stage mass spectrometry and nuclear magnetic resonance. Journal of Pharmaceutical and Biomedical Analysis, 2019, 172, 67-77.	2.8	1
57	1H qNMR and Chemometric Analyses of Urban Wastewater. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
58	Bidentate Coordination of 2Apy in cisâ€{Ru(phen)2(2Apy)]2+ÂAiming at Photobiological Studies. European Journal of Inorganic Chemistry, 0, , .	2.0	1
59	Unusual 2(1 <i>H</i> )-Pyrazinones Isolated from a Culture of a Brazilian Marine-Derived <i>Streptomyces</i> sp. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	Ο
60	Evaluation of commercial and fresh-picked Origanum vulgare after dehydration. International Research Journal of Materials Sciences and Applications, 0, , 1-9.	0.0	0
61	Chronic Influence Of Inspiratory Muscle Training At Different Intensities On The Serum Metabolome. Medicine and Science in Sports and Exercise, 2020, 52, 884-884.	0.4	0