Matthieu Tubino

List of Publications by Year
in descending order

87	1,301	304743 22	434195 31
papers	citations	h-index	g-index

87	87	87	1571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring the short-chain carboxylic acids produced during the storage of different fatty composition biodiesels and their binary blends using ion chromatography. Fuel, 2021, 289, 119943.	6.4	2
2	Bacteriophage-Based Biosensing of Pseudomonas aeruginosa: An Integrated Approach for the Putative Real-Time Detection of Multi-Drug-Resistant Strains. Biosensors, 2021, 11, 124.	4.7	9
3	Rifle bullets comparison by wavelength dispersive X-ray fluorescence spectroscopy and chemometric analysis. Forensic Science International, 2021, 325, 110880.	2.2	4
4	Optimizing the production of biodiesel from palm olein (Elaeis guineensis Jacq.) using a strong basic anionic resin as a heterogeneous catalyst. Industrial Crops and Products, 2021, 174, 114121.	5.2	7
5	Transdermal permeation of bacteriophage particles by choline oleate: potential for treatment of soft-tissue infections. Future Microbiology, 2020, 15, 881-896.	2.0	18
6	Non-invasive Transdermal Delivery of Human Insulin Using Ionic Liquids: In vitro Studies. Frontiers in Pharmacology, 2020, 11, 243.	3.5	38
7	Development and evaluation of physico-chemical stability of cosmetic formulations employing the fruits of the Jussara palm tree (Euterpe edulis Martius): tinting shampoo and exfoliant cream. Biomedical and Biopharmaceutical Research, 2020, 17, 1-17.	0.0	1
8	Identification of Extra Virgin Olive Oils Modified by the Addition of Soybean Oil, Using Ion Chromatography. Journal of the Brazilian Chemical Society, 2019, , .	0.6	3
9	Professor Matthieu Tubino, a researcher with a long academic career and strong humanist profile, exposed his ideas and memories to BrJAC. Brazilian Journal of Analytical Chemistry, 2019, 6, .	0.5	0
10	First Time Determination of Important Catalyst Sodium Methoxide Used in Biodiesel by Colorimetric Method. Analytical Chemistry, 2018, 90, 3550-3555.	6.5	2
11	Structural and functional stabilization of bacteriophage particles within the aqueous core of a W/O/W multiple emulsion: A potential biotherapeutic system for the inhalational treatment of bacterial pneumonia. Process Biochemistry, 2018, 64, 177-192.	3.7	29
12	Simultaneous determination of six quality parameters of biodiesel through 1H NMR spectroscopy and partial least squares. Talanta, 2018, 179, 816-821.	5.5	2
13	Phase behavior of cholesterol in mixtures with hypo- and hypercholesterolemic lipids. Food and Function, 2018, 9, 3447-3455.	4.6	8
14	Kinetic of the formation of short-chain carboxylic acids during the induced oxidation of different lipid samples using ion chromatography. Fuel, 2017, 199, 239-247.	6.4	12
15	Alternative method to quantify biodiesel and vegetable oil in diesel-biodiesel blends through 1 H NMR spectroscopy. Talanta, 2017, 168, 121-125.	5.5	26
16	Sericin from Bombyx mori cocoons. Part I: Extraction and physicochemical-biological characterization for biopharmaceutical applications. Process Biochemistry, 2017, 61, 163-177.	3.7	56
17	Development of a water-in-oil-in-water multiple emulsion system integrating biomimetic aqueous-core lipid nanodroplets for protein entity stabilization. Part II: process and product characterization. Drug Development and Industrial Pharmacy, 2016, 42, 1990-2000.	2.0	8
18	A Simple, Fast, and Green Titrimetric Method for the Determination of the Iodine Value of Vegetable Oils Without Wijs Solution (ICl). Food Analytical Methods, 2016, 9, 2479-2483.	2.6	17

#	Article	IF	Citations
19	Alternative methods to quantify biodiesel in standard diesel-biodiesel blends and samples adulterated with vegetable oil through UVâ€“Visible spectroscopy. Fuel, 2016, 186, 199-203.	6.4	43
20	Antimicrobial and antioxidant screening of curcumin and pyrocatechol in the prevention of biodiesel degradation: oxidative stability. Biofuels, 2016, 7, 581-592.	2.4	8
21	Biodiesel synthesis: A study of the triglyceride methanolysis reaction with alkaline catalysts. Catalysis Communications, 2016, 75, 6-12.	3.3	31
22	Quantification of methanol in biodiesel through 1H nuclear magnetic resonance spectroscopy. Fuel, 2016, 175, 99-104.	6.4	7
23	Development and Characterization of a Hydrogel Containing Silver Sulfadiazine for Antimicrobial Topical Applications. Journal of Pharmaceutical Sciences, 2015, 104, 2241-2254.	3.3	35
24	Biomimetic aqueous-core lipid nanoballoons integrating a multiple emulsion formulation: A suitable housing system for viable lytic bacteriophages. Colloids and Surfaces B: Biointerfaces, 2014, 123, 478-485.	5.0	27
25	Simultaneous quantitative analysis of the acetate, formate, chloride, phosphate and sulfate anions in biodiesel by ion chromatography. Fuel, 2014, 124, 97-101.	6.4	34
26	Carbohydrate Hydrogels with Stabilized Phage Particles for Bacterial Biosensing: Bacterium Diffusion Studies. Applied Biochemistry and Biotechnology, 2014, 172, 1194-1214.	2.9	24
27	Biodiesel synthesis with alkaline catalysts: A new refractometric monitoring and kinetic study. Fuel, 2014, 125, 164-172.	6.4	29
28	Development of a buccal mucoadhesive film for fast dissolution: mathematical rationale, production and physicochemical characterization. Drug Delivery, 2014, 21, 530-539.	5.7	20
29	Development and Characterization of a Hydrogel Containing Nitrofurazone for Antimicrobial Topical Applications. Current Pharmaceutical Biotechnology, 2014, 15, 182-190.	1.6	7
30	Structural and functional stabilization of phage particles in carbohydrate matrices for bacterial biosensing. Enzyme and Microbial Technology, 2013, 53, 55-69.	3.2	25
31	A green potentiometric method for the determination of the iodine number of biodiesel. Fuel, 2013, 103, 1158-1163.	6.4	26
32	Thermometric Quantitative Selective Analysis of Sodium Methoxide in Methanol Industrial Solutions. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
33	Determination of sodium, potassium, calcium and magnesium cations in biodiesel by ion chromatography. Analytica Chimica Acta, 2012, 718, 116-120.	5.4	63
34	A Visual Titration Method for the Determination of the Acid Number of Oils and Fats: a Green Alternative. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 2113-2115.	1.9	18
35	A green and simple visual method for the determination of the acid-number of biodiesel. Fuel, 2012, 95, 659-661.	6.4	22
36	A green method for determination of acid number of biodiesel. Journal of the Brazilian Chemical Society, 2011, 22, 1073-1081.	0.6	18

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37	Molecular absorption spectrophotometric method for the determination of phosphorus in biodiesel. Fuel, 2011, 90, 3485-3488.	6.4	13
38	Determining the residual alcohol in biodiesel through its flash point. Fuel, 2011, 90, 905-907.	6.4	63
39	Quantitative Spot-Test Analysis of Metformin in Pharmaceutical Preparations Using Ultraviolet-Visible Diffuse Reflectance Spectroscopy. Analytical Sciences, 2010, 26, 121-124.	1.6	7
40	A Simple Green Method for Biodiesel Iodine Number Determination. Journal of ASTM International, 2010, 7, 1-8.	0.2	2
41	Flow injection green method for the quantitative analysis of ketoconazole in pharmaceutical preparations. Quimica Nova, 2010, 33, 624-628.	0.3	4
42	Flow injection visible diffuse reflectance quantitative analysis of total sulfur in biodiesel, in plant leaves and in natural waters. Ecletica Quimica, 2009, 34, 29-36.	0.5	4
43	Green Spectrophotometric Method for the Quantitative Analysis of Vancomycin in Pharmaceuticals and Comparison with HPLC. Analytical Letters, 2008, 41, 822-836.	1.8	21
44	Analytical methods for vancomycin determination in biological fluids and in pharmaceuticals. Quimica Nova, 2007, 30, 395-399.	0.3	28
45	Refletindo sobre o caso celobarÂ®. Quimica Nova, 2007, 30, 505-506.	0.3	4
46	Flow injection visible diffuse reflectance quantitative analysis of nickel. Analytica Chimica Acta, 2007, 600, 199-204.	5.4	9
47	DeterminaÃ§Ã£o experimental dos raios cristalogrÃ¡ficos dos Ãons sÃ³dio e cloreto. Quimica Nova, 2007, 30, 1763-1767.	0.3	1
48	Determination of diclofenac in pharmaceutical preparations by diffuse reflectance photometry. Talanta, 2006, 68, 776-780.	5.5	31
49	Kinetic Method for the Determination of Î±â€Methyldopa in Pharmaceutical Preparations: Analytical Procedure and Reaction Mechanism Considerations. Analytical Letters, 2006, 39, 327-339.	1.8	15
50	Spectrophotometric determination of diclofenac in pharmaceutical preparations. Journal of the Brazilian Chemical Society, 2005, 16, 1068-1073.	0.6	55
51	Gravimetric method for the determination of diclofenac in pharmaceutical preparations. Journal of AOAC INTERNATIONAL, 2005, 88, 1684-7.	1.5	6
52	Quantitative reflectance spot test for the determination of acetylsalicylic acid in pharmaceutical preparations. Journal of the Brazilian Chemical Society, 2004, 15, 327-330.	0.6	18
53	Rapid quantitative turbidimetric spot test analysis of potassium in blood serum. Journal of the Brazilian Chemical Society, 2004, 15, 635-639.	0.6	7
54	Determining the Carbon-Carbon Distance in an Organic Molecule with a Ruler. Journal of Chemical Education, 2004, 81, 847.	2.3	0

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55	A simple device for quantitative colorimetric diffuse reflectance measurements. Sensors and Actuators B: Chemical, 2003, 88, 60-66.	7.8	45
56	Semi-Quantitative "Spot-test" of Cyanide. Analytical Sciences, 2003, 19, 1139-1143.	1.6	15
57	Comparative study of two spectrophotometric reagents for catechol analysis in guaranÃ¡ seeds powder. Journal of the Brazilian Chemical Society, 2003, 14, 129-132.	0.6	13
58	Flow-Injection Spectrophotometric Determination of Paraoxon by Its Inhibitory Effect on the Enzyme Acetylcholinesterase.. Analytical Sciences, 2001, 17, 629-633.	1.6	8
59	Rapid Spot Test Analysis for the Detection of Dipyrone in Pharmaceutical Preparations.. Analytical Sciences, 2000, 16, 313-315.	1.6	22
60	The determination of the stoichiometry of the mixed complex of vanadium with hydrogen peroxide and with 4-(2-Pyridilazo) Resorcinol. Quimica Nova, 2000, 23, 316-319.	0.3	3
61	A Simple, Portable and Low Cost Device for a Colorimetric Spot-Test Quantitative Analysis. Analytical Letters, 2000, 33, 1885-1898.	1.8	7
62	Selective and sensitive spectrophotometric determination of total vanadium with hydrogen peroxide and 4-(2-pyridylazo)-resorcinol. Analytica Chimica Acta, 1999, 389, 275-280.	5.4	25
63	A thermistor as a sensor in gas phase flow injection analysis. Analytica Chimica Acta, 1998, 366, 5-10.	5.4	5
64	Dual-phase gas-permeation flow-injection thermometric analysis for the determination of carbon dioxide. Talanta, 1998, 47, 711-717.	5.5	9
65	An Immobilized Acetylcholinesterase Flow-Injection Conductimetric System for the Determination of Paraoxon Tereza. Analytical Sciences, 1997, 13, 423-427.	1.6	12
66	Quantitative Spot Tests Of Fe(III), Cr(VI) And Ni(II) By Reflectance Measurements. Analytical Letters, 1997, 30, 271-282.	1.8	29
67	Gas-permeation continuous flow coulometric analysis: determination of sulphur dioxide. Fresenius' Journal of Analytical Chemistry, 1997, 357, 1045-1049.	1.5	2
68	Use of sorghum seed tissue as a biocatalyst in a stirred reactor for oxalic acid determination. Analytical Communications, 1996, 33, 397.	2.2	9
69	Direct Determination of Potassium in Human Blood Serum by Flow Injection Flame Photometry with Automatic Dilution. Analytical Letters, 1996, 29, 1719-1727.	1.8	2
70	The Kinetics and Mechanism of the Reaction of ZINCON,o-[1-(2-hydroxy-5-sulfophenyl)-3-phenyl-5-formazane] Benzoic Acid, with Zn2+, Cu2+and [Zn2++ Cu2+] Equimolar Mixtures. Journal of the Brazilian Chemical Society, 1996, 7, 161-168.	0.6	3
71	A possible path for mercury in biological systems: the oxidation of metallic mercury by molecular oxygen in aqueous solutions. Science of the Total Environment, 1995, 170, 229-239.	8.0	39
72	Turbidimetric Determination of Potassium by Flow Injection Analysisâˆ—. Analytical Letters, 1994, 27, 1625-1636.	1.8	8

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73	Turbidimetric determination of potassium in leaf tissues with sodium tetraphenylboron. Communications in Soil Science and Plant Analysis, 1992, 23, 123-128.	1.4	6
74	Conductimetric and spectrophotometric determination of the volatile acidity of wines by flow injection. Analyst, The, 1992, 117, 917.	3.5	19
75	Conductometric and Colorimetric Determination of Volatile Acidity of Vinegars by Flow-Injection Analysis. Journal of the Association of Official Analytical Chemists, 1991, 74, 346-350.	0.2	3
76	On the Acid Hydrolysis of Tris(Î±-diimine)iron (II) Complexes. Variable Pressure Studies of the Acid Hydrolysis of Tris(Pyridine-2-Carboxaldehyde-N-Alkylimine) Iron (II) Complexes. Journal of the Brazilian Chemical Society, 1991, 2, 56-60.	0.6	4
77	Determination of Calcium, Phosphorus and Potassium in Leaf Tissues by Extraction with Ethanol-Water Solvent. Analytical Letters, 1990, 23, 2339-2349.	1.8	8
78	Kinetics and mechanisms of dissociation of tris(2,2â€²-bipyridine)iron(II) complex in aqueous salts solutions. Inorganica Chimica Acta, 1987, 131, 175-180.	2.4	10
79	Variable-temperature and variable-pressure 1H NMR studies of dimethylsulfide exchange on trans-bis(dimethylsulfide)dichloropalladium(II) in various solvent [1]. Inorganica Chimica Acta, 1983, 71, 149-153.	2.4	17
80	Kinetics and mechanisms of dissociation of metal chelates. II. The acid-catalyzed dissociation of tris(pyridine-2-acetaldehyde-N-Methylimine)iron(II). Inorganica Chimica Acta, 1978, 28, 29-33.	2.4	7
81	Response Factor in GC-FID Methyl Ester Analysis in Several Biodiesels: A Comparative Study of the EN 14103:2011 and ABNT 15764:2015 Methods versus a Proposed GC-FID Procedure for Individual Ester Determination. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
82	Influence of Fatty Acid Methyl Ester Composition, Acid Value, and Water Content on Metallic Copper Corrosion Caused by Biodiesel. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
83	Estudos da estabilidade oxidativa e do ponto de entupimento de filtro a frio em biodiesel e blendas diesel-biodiesel. , 0, , .		0
84	X-ray Scattering and Chemometrics as Tools to Assist in the Identification of Gunshot Residues by Wavelength Dispersive X-ray Fluorescence Spectrometry. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
85	A Simple, Rapid, and Reliable Titrimetric Method for the Determination of Glycerol at Low Concentration. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
86	Flow injection visible diffuse reflectance quantitative analysis of total sulfur in biodiesel, in plant leaves and in natural waters. Ecletica Quimica, 0, 34, 29.	0.5	0
87	Spot-test identification and rapid quantitative sequential analys is of dipyrone. Ecletica Quimica, 0, 35, 41.	0.5	0