

Matthieu Tubino

List of Publications by Year in descending order

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87
papers

1,301
citations

304743

22
h-index

434195

31
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87
all docs

87
docs citations

87
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the residual alcohol in biodiesel through its flash point. <i>Fuel</i> , 2011, 90, 905-907.	6.4	63
2	Determination of sodium, potassium, calcium and magnesium cations in biodiesel by ion chromatography. <i>Analytica Chimica Acta</i> , 2012, 718, 116-120.	5.4	63
3	Sericin from <i>Bombyx mori</i> cocoons. Part I: Extraction and physicochemical-biological characterization for biopharmaceutical applications. <i>Process Biochemistry</i> , 2017, 61, 163-177.	3.7	56
4	Spectrophotometric determination of diclofenac in pharmaceutical preparations. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1068-1073.	0.6	55
5	A simple device for quantitative colorimetric diffuse reflectance measurements. <i>Sensors and Actuators B: Chemical</i> , 2003, 88, 60-66.	7.8	45
6	Alternative methods to quantify biodiesel in standard diesel-biodiesel blends and samples adulterated with vegetable oil through UV-Visible spectroscopy. <i>Fuel</i> , 2016, 186, 199-203.	6.4	43
7	A possible path for mercury in biological systems: the oxidation of metallic mercury by molecular oxygen in aqueous solutions. <i>Science of the Total Environment</i> , 1995, 170, 229-239.	8.0	39
8	Non-invasive Transdermal Delivery of Human Insulin Using Ionic Liquids: In vitro Studies. <i>Frontiers in Pharmacology</i> , 2020, 11, 243.	3.5	38
9	Development and Characterization of a Hydrogel Containing Silver Sulfadiazine for Antimicrobial Topical Applications. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2241-2254.	3.3	35
10	Simultaneous quantitative analysis of the acetate, formate, chloride, phosphate and sulfate anions in biodiesel by ion chromatography. <i>Fuel</i> , 2014, 124, 97-101.	6.4	34
11	Determination of diclofenac in pharmaceutical preparations by diffuse reflectance photometry. <i>Talanta</i> , 2006, 68, 776-780.	5.5	31
12	Biodiesel synthesis: A study of the triglyceride methanolysis reaction with alkaline catalysts. <i>Catalysis Communications</i> , 2016, 75, 6-12.	3.3	31
13	Quantitative Spot Tests Of Fe(III), Cr(VI) And Ni(II) By Reflectance Measurements. <i>Analytical Letters</i> , 1997, 30, 271-282.	1.8	29
14	Biodiesel synthesis with alkaline catalysts: A new refractometric monitoring and kinetic study. <i>Fuel</i> , 2014, 125, 164-172.	6.4	29
15	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. <i>Process Biochemistry</i> , 2018, 64, 177-192.	3.7	29
16	Analytical methods for vancomycin determination in biological fluids and in pharmaceuticals. <i>Quimica Nova</i> , 2007, 30, 395-399.	0.3	28
17	Biomimetic aqueous-core lipid nanoballoons integrating a multiple emulsion formulation: A suitable housing system for viable lytic bacteriophages. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 478-485.	5.0	27
18	A green potentiometric method for the determination of the iodine number of biodiesel. <i>Fuel</i> , 2013, 103, 1158-1163.	6.4	26

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19	Alternative method to quantify biodiesel and vegetable oil in diesel-biodiesel blends through ¹ H NMR spectroscopy. <i>Talanta</i> , 2017, 168, 121-125.	5.5	26
20	Selective and sensitive spectrophotometric determination of total vanadium with hydrogen peroxide and 4-(2-pyridylazo)-resorcinol. <i>Analytica Chimica Acta</i> , 1999, 389, 275-280.	5.4	25
21	Structural and functional stabilization of phage particles in carbohydrate matrices for bacterial biosensing. <i>Enzyme and Microbial Technology</i> , 2013, 53, 55-69.	3.2	25
22	Carbohydrate Hydrogels with Stabilized Phage Particles for Bacterial Biosensing: Bacterium Diffusion Studies. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1194-1214.	2.9	24
23	Rapid Spot Test Analysis for the Detection of Dipyrone in Pharmaceutical Preparations.. <i>Analytical Sciences</i> , 2000, 16, 313-315.	1.6	22
24	A green and simple visual method for the determination of the acid-number of biodiesel. <i>Fuel</i> , 2012, 95, 659-661.	6.4	22
25	Green Spectrophotometric Method for the Quantitative Analysis of Vancomycin in Pharmaceuticals and Comparison with HPLC. <i>Analytical Letters</i> , 2008, 41, 822-836.	1.8	21
26	Development of a buccal mucoadhesive film for fast dissolution: mathematical rationale, production and physicochemical characterization. <i>Drug Delivery</i> , 2014, 21, 530-539.	5.7	20
27	Conductimetric and spectrophotometric determination of the volatile acidity of wines by flow injection. <i>Analyst</i> , The, 1992, 117, 917.	3.5	19
28	Quantitative reflectance spot test for the determination of acetylsalicylic acid in pharmaceutical preparations. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 327-330.	0.6	18
29	A green method for determination of acid number of biodiesel. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1073-1081.	0.6	18
30	A Visual Titration Method for the Determination of the Acid Number of Oils and Fats: a Green Alternative. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 2113-2115.	1.9	18
31	Transdermal permeation of bacteriophage particles by choline oleate: potential for treatment of soft-tissue infections. <i>Future Microbiology</i> , 2020, 15, 881-896.	2.0	18
32	Variable-temperature and variable-pressure ¹ H NMR studies of dimethylsulfide exchange on trans-bis(dimethylsulfide)dichloropalladium(II) in various solvent [1]. <i>Inorganica Chimica Acta</i> , 1983, 71, 149-153.	2.4	17
33	A Simple, Fast, and Green Titrimetric Method for the Determination of the Iodine Value of Vegetable Oils Without Wijs Solution (ICI). <i>Food Analytical Methods</i> , 2016, 9, 2479-2483.	2.6	17
34	Semi-Quantitative "Spot-test" of Cyanide. <i>Analytical Sciences</i> , 2003, 19, 1139-1143.	1.6	15
35	Kinetic Method for the Determination of $\hat{\pm}$ Methyl dopa in Pharmaceutical Preparations: Analytical Procedure and Reaction Mechanism Considerations. <i>Analytical Letters</i> , 2006, 39, 327-339.	1.8	15
36	Comparative study of two spectrophotometric reagents for catechol analysis in guaraná seeds powder. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 129-132.	0.6	13

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37	Molecular absorption spectrophotometric method for the determination of phosphorus in biodiesel. <i>Fuel</i> , 2011, 90, 3485-3488.	6.4	13
38	An Immobilized Acetylcholinesterase Flow-Injection Conductimetric System for the Determination of Paraoxon Tereza. <i>Analytical Sciences</i> , 1997, 13, 423-427.	1.6	12
39	Kinetic of the formation of short-chain carboxylic acids during the induced oxidation of different lipid samples using ion chromatography. <i>Fuel</i> , 2017, 199, 239-247.	6.4	12
40	Kinetics and mechanisms of dissociation of tris(2,2'-bipyridine)iron(II) complex in aqueous salts solutions. <i>Inorganica Chimica Acta</i> , 1987, 131, 175-180.	2.4	10
41	Use of sorghum seed tissue as a biocatalyst in a stirred reactor for oxalic acid determination. <i>Analytical Communications</i> , 1996, 33, 397.	2.2	9
42	Dual-phase gas-permeation flow-injection thermometric analysis for the determination of carbon dioxide. <i>Talanta</i> , 1998, 47, 711-717.	5.5	9
43	Flow injection visible diffuse reflectance quantitative analysis of nickel. <i>Analytica Chimica Acta</i> , 2007, 600, 199-204.	5.4	9
44	Bacteriophage-Based Biosensing of <i>Pseudomonas aeruginosa</i> : An Integrated Approach for the Putative Real-Time Detection of Multi-Drug-Resistant Strains. <i>Biosensors</i> , 2021, 11, 124.	4.7	9
45	Determination of Calcium, Phosphorus and Potassium in Leaf Tissues by Extraction with Ethanol-Water Solvent. <i>Analytical Letters</i> , 1990, 23, 2339-2349.	1.8	8
46	Turbidimetric Determination of Potassium by Flow Injection Analysis. <i>Analytical Letters</i> , 1994, 27, 1625-1636.	1.8	8
47	Flow-Injection Spectrophotometric Determination of Paraoxon by Its Inhibitory Effect on the Enzyme Acetylcholinesterase. <i>Analytical Sciences</i> , 2001, 17, 629-633.	1.6	8
48	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. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1990-2000.	2.0	8
49	Antimicrobial and antioxidant screening of curcumin and pyrocatechol in the prevention of biodiesel degradation: oxidative stability. <i>Biofuels</i> , 2016, 7, 581-592.	2.4	8
50	Phase behavior of cholesterol in mixtures with hypo- and hypercholesterolemic lipids. <i>Food and Function</i> , 2018, 9, 3447-3455.	4.6	8
51	Kinetics and mechanisms of dissociation of metal chelates. II. The acid-catalyzed dissociation of tris(pyridine-2-acetaldehyde-N-Methylimine)iron(II). <i>Inorganica Chimica Acta</i> , 1978, 28, 29-33.	2.4	7
52	A Simple, Portable and Low Cost Device for a Colorimetric Spot-Test Quantitative Analysis. <i>Analytical Letters</i> , 2000, 33, 1885-1898.	1.8	7
53	Rapid quantitative turbidimetric spot test analysis of potassium in blood serum. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 635-639.	0.6	7
54	Quantitative Spot-Test Analysis of Metformin in Pharmaceutical Preparations Using Ultraviolet-Visible Diffuse Reflectance Spectroscopy. <i>Analytical Sciences</i> , 2010, 26, 121-124.	1.6	7

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55	Quantification of methanol in biodiesel through ¹ H nuclear magnetic resonance spectroscopy. <i>Fuel</i> , 2016, 175, 99-104.	6.4	7
56	Development and Characterization of a Hydrogel Containing Nitrofurazone for Antimicrobial Topical Applications. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 182-190.	1.6	7
57	Optimizing the production of biodiesel from palm olein (<i>Elaeis guineensis</i> Jacq.) using a strong basic anionic resin as a heterogeneous catalyst. <i>Industrial Crops and Products</i> , 2021, 174, 114121.	5.2	7
58	Turbidimetric determination of potassium in leaf tissues with sodium tetraphenylboron. <i>Communications in Soil Science and Plant Analysis</i> , 1992, 23, 123-128.	1.4	6
59	Gravimetric method for the determination of diclofenac in pharmaceutical preparations. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1684-7.	1.5	6
60	A thermistor as a sensor in gas phase flow injection analysis. <i>Analytica Chimica Acta</i> , 1998, 366, 5-10.	5.4	5
61	Refletindo sobre o caso celobar [®] . <i>Quimica Nova</i> , 2007, 30, 505-506.	0.3	4
62	Rifle bullets comparison by wavelength dispersive X-ray fluorescence spectroscopy and chemometric analysis. <i>Forensic Science International</i> , 2021, 325, 110880.	2.2	4
63	Flow injection green method for the quantitative analysis of ketoconazole in pharmaceutical preparations. <i>Quimica Nova</i> , 2010, 33, 624-628.	0.3	4
64	Flow injection visible diffuse reflectance quantitative analysis of total sulfur in biodiesel, in plant leaves and in natural waters. <i>Eletica Quimica</i> , 2009, 34, 29-36.	0.5	4
65	On the Acid Hydrolysis of Tris(1±-diimine)iron (II) Complexes. Variable Pressure Studies of the Acid Hydrolysis of Tris(Pyridine-2-Carboxaldehyde-N-Alkylimine) Iron (II) Complexes. <i>Journal of the Brazilian Chemical Society</i> , 1991, 2, 56-60.	0.6	4
66	Conductometric and Colorimetric Determination of Volatile Acidity of Vinegars by Flow-Injection Analysis. <i>Journal of the Association of Official Analytical Chemists</i> , 1991, 74, 346-350.	0.2	3
67	The determination of the stoichiometry of the mixed complex of vanadium with hydrogen peroxide and with 4-(2-Pyridilazo) Resorcinol. <i>Quimica Nova</i> , 2000, 23, 316-319.	0.3	3
68	Identification of Extra Virgin Olive Oils Modified by the Addition of Soybean Oil, Using Ion Chromatography. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	3
69	The Kinetics and Mechanism of the Reaction of ZINCON, o-[1-(2-hydroxy-5-sulfophenyl)-3-phenyl-5-formazane] Benzoic Acid, with Zn ²⁺ , Cu ²⁺ and [Zn ²⁺ + Cu ²⁺] Equimolar Mixtures. <i>Journal of the Brazilian Chemical Society</i> , 1996, 7, 161-168.	0.6	3
70	Direct Determination of Potassium in Human Blood Serum by Flow Injection Flame Photometry with Automatic Dilution. <i>Analytical Letters</i> , 1996, 29, 1719-1727.	1.8	2
71	Gas-permeation continuous flow coulometric analysis: determination of sulphur dioxide. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 1045-1049.	1.5	2
72	First Time Determination of Important Catalyst Sodium Methoxide Used in Biodiesel by Colorimetric Method. <i>Analytical Chemistry</i> , 2018, 90, 3550-3555.	6.5	2

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73	Simultaneous determination of six quality parameters of biodiesel through 1H NMR spectroscopy and partial least squares. <i>Talanta</i> , 2018, 179, 816-821.	5.5	2
74	Monitoring the short-chain carboxylic acids produced during the storage of different fatty composition biodiesels and their binary blends using ion chromatography. <i>Fuel</i> , 2021, 289, 119943.	6.4	2
75	A Simple Green Method for Biodiesel Iodine Number Determination. <i>Journal of ASTM International</i> , 2010, 7, 1-8.	0.2	2
76	Thermometric Quantitative Selective Analysis of Sodium Methoxide in Methanol Industrial Solutions. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
77	Influence of Fatty Acid Methyl Ester Composition, Acid Value, and Water Content on Metallic Copper Corrosion Caused by Biodiesel. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
78	Determinação experimental dos raios cristalográficos dos Ânions s ³ dio e cloreto. <i>Quimica Nova</i> , 2007, 30, 1763-1767.	0.3	1
79	Development and evaluation of physico-chemical stability of cosmetic formulations employing the fruits of the Jussara palm tree (<i>Euterpe edulis</i> Martius): tinting shampoo and exfoliant cream. <i>Biomedical and Biopharmaceutical Research</i> , 2020, 17, 1-17.	0.0	1
80	Determining the Carbon-Carbon Distance in an Organic Molecule with a Ruler. <i>Journal of Chemical Education</i> , 2004, 81, 847.	2.3	0
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. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
82	Professor Matthieu Tubino, a researcher with a long academic career and strong humanist profile, exposed his ideas and memories to BrJAC. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 6, .	0.5	0
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. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
85	A Simple, Rapid, and Reliable Titrimetric Method for the Determination of Glycerol at Low Concentration. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
86	Flow injection visible diffuse reflectance quantitative analysis of total sulfur in biodiesel, in plant leaves and in natural waters. <i>Eletica Quimica</i> , 0, 34, 29.	0.5	0
87	Spot-test identification and rapid quantitative sequential analysis of dipyrone. <i>Eletica Quimica</i> , 0, 35, 41.	0.5	0