Claudio Baiocchi

List of Publications by Year
in descending order

62	2,172	218677	223800
papers	citations	26 h-index	46 g-index

64	64	64	2877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Characterization of Sorbitan Triâ€Stearate Commercial Samples and Their Determination in Confectionery Fats by HPLC High â€Resolution Mass Spectrometry. JAOCS, Journal of the American Oil Chemists' Society, 2020, 97, 1057-1069.	1.9	0
2	Formation of by-products during chemical interesterification of lipids. Detection and characterization of dialkyl ketones by non-aqueous reversed-phase liquid chromatography-high resolution mass spectrometry and gas chromatography-mass spectrometry. Journal of Chromatography A, 2018, 1581-1582, 63-70.	3.7	6
3	Characterization and Determination of Interesterification Markers (Triacylglycerol Regioisomers) in Confectionery Oils by Liquid Chromatography-Mass Spectrometry. Foods, 2018, 7, 23.	4.3	13
4	Caviar versus brill eggs: A novel high performance liquid chromatography-mass spectrometry application for evaluating cosmetic ingredients composition. European Journal of Lipid Science and Technology, 2017, 119, 1500471.	1.5	1
5	Analysis of regioisomers of polyunsaturated triacylglycerols in marine matrices by HPLC/HRMS. Food Chemistry, 2015, 166, 551-560.	8.2	40
6	Safety of Desmodium adscendens extract on hepatocytes and renal cells. Protective effect against oxidative stress.. Journal of Intercultural Ethnopharmacology, 2015, 4, 1.	0.9	13
7	Photocatalytic degradation of selected anticancer drugs and identification of their transformation products in water by liquid chromatographyâ€“high resolution mass spectrometry. Journal of Chromatography A, 2014, 1362, 135-144.	3.7	55
8	Photolytic degradation of N,N-diethyl-m-toluamide in ice and water: Implications in its environmental fate. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 99-104.	3.9	10
9	Study of the photocatalytic transformation of synephrine: a biogenic amine relevant in anti-doping analysis. Analytical and Bioanalytical Chemistry, 2013, 405, 1105-1113.	3.7	14
10	Qualitative Characterization of Desmodium Adscendens Constituents by High-Performance Liquid Chromatography-Diode Array Ultraviolet-Electrospray Ionization Multistage Mass Spectrometry. European Journal of Mass Spectrometry, 2013, 19, 1-15.	1.0	12
11	Setting up of a liquid chromatography-high resolution tandem mass spectrometry method for the detection of caseins in food. A comparison with ELISA method. Italian Journal of Food Safety, 2013, 2, 27.	0.8	0
12	Identification of the unknown transformation products derived from clarithromycin and carbamazepine using liquid chromatography/highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 1687-1704.	1.5	55
13	Identification of the unknown transformation products derived from lincomycin using LCâ€HRMS technique. Journal of Mass Spectrometry, 2012, 47, 751-759.	1.6	29
14	Horse metabolism and the photocatalytic process as a tool to identify metabolic products formed from dopant substances: the case of sildenafil. Drug Testing and Analysis, 2011, 3, 724-734.	2.6	17
15	Multiple unknown degradants generated from the insect repellent DEET by photoinduced processes on TiO₂. Journal of Mass Spectrometry, 2011, 46, 24-40.	1.6	30
16	ESI HRMSn fragmentation pathways of phenazone, an N-heterocyclic drug compound. Journal of Mass Spectrometry, 2011, 46, 782-786.	1.6	3
17	HPLCâ€APCI analysis of triacylglycerols in milk fat from different sources. European Journal of Lipid Science and Technology, 2011, 113, 197-207.	1.5	58
18	Fate of antibacterial spiramycin in river waters. Analytical and Bioanalytical Chemistry, 2010, 396, 1539-1550.	3.7	49

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19	Sensitizing effect of bio-based chemicals from urban wastes on the photodegradation of azo-dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 209, 224-231.	3.9	33
20	TiO2/H2O2 mediated photocatalytic transformation of UV filter 4-methylbenzylidene camphor (4-MBC) in aqueous phase: Statistical optimization and photoproduct analysis. Applied Catalysis B: Environmental, 2009, 90, 526-534.	20.2	40
21	Polyunsaturated Fatty Acids in Dried Milk Samples: Validation of a Lipid Separation-Free Method. Chromatographia, 2009, 70, 1485-1489.	1.3	1
22	Characterization of atenolol transformation products on lightâ€activated TiO₂ surface by highâ€performance liquid chromatography/highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 301-313.	1.5	48
23	Characterization of intermediate compounds formed upon photoinduced degradation of quinolones by highâ€performance liquid chromatography/highâ€resolution multipleâ€stage mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 1533-1552.	1.5	89
24	Selective analysis of phenolic compounds in propolis by HPLCâ€MS/MS. Phytochemical Analysis, 2008, 19, 32-39.	2.4	71
25	LCâ€“high-resolution multiple stage spectrometric analysis of diuretic compounds. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 462-466.	2.8	20
26	High-performance liquid chromatography coupled to ultraviolet diode array detection and electrospray ionization mass spectrometry for the analysis of intermediates produced in the initial steps of the photocatalytic degradation of sulfonated azo dyes. Journal of Chromatography A, 2008, 1202, 145-154.	3.7	34
27	A mass spectrometric analysis of sensitizer solution used for dye-sensitized solar cell. Inorganica Chimica Acta, 2008, 361, 798-805.	2.4	78
28	Thioureas methyl-derivatives photo-induced transformation on titanium dioxide. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 189, 380-386.	3.9	6
29	Determination of salvinorins and divinatorins inSalvia divinorum leaves by liquid chromatography/multistage mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 131-136.	1.5	29
30	PCR and PCRâ€“RFLP of the 5S-rRNA-NTS region and salvinorin A analyses for the rapid and unequivocal determination of Salvia divinorum. Phytochemistry, 2006, 67, 371-378.	2.9	28
31	Photo-induced transformation of methylguanidine derivatives on titanium dioxide. Applied Catalysis B: Environmental, 2006, 63, 124-130.	20.2	9
32	Light-Induced Transformation of Alkylurea Derivatives in Aqueous TiO2 Dispersion. Chemistry - A European Journal, 2006, 12, 727-736.	3.3	8
33	Light-induced transformations of fungicides on titanium dioxide: pathways and by-products evaluation using the LC-MS technique. International Journal of Environmental Analytical Chemistry, 2006, 86, 265-275.	3.3	14
34	Identification of Degradation Products by Adopting GC or HPLC/MS Techniques. Current Analytical Chemistry, 2005, 1, 267-287.	1.2	17
35	Urban air and tobacco smoke in benzene exposure in a cohort of traffic policemen. Chemico-Biological Interactions, 2005, 153-154, 239-242.	4.0	18
36	Determination of Aflatoxins in Peanuts, Maize Feed and Whole Milk by HPLC-MS2 and MS3 Tandem Mass Spectrometry. Annali Di Chimica, 2005, 95, 803-811.	0.6	4

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37	Cinosulfuron: chemical and biological degradability, adsorption and dissipation in flooded paddy field sediment. Pest Management Science, 2005, 61, 675-681.	3.4	6
38	Liquid Chromatography Tandem Mass Spectrometry as a Tool to Investigate Pesticides and Their Degradation Products. Current Organic Chemistry, 2005, 9, 859-873.	1.6	26
39	Photocatalytic transformations of sulphonamides on titanium dioxide. Applied Catalysis B: Environmental, 2004, 53, 63-69.	20.2	109
40	Photocatalytic transformations of aminopyrimidines on TiO2 in aqueous solution. Applied Catalysis B: Environmental, 2004, 52, 267-274.	20.2	20
41	The photocatalytic process as a tool to identify metabolitic products formed from dopant substances: the case of buspirone. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 9-19.	2.8	43
42	Characterisation by high-performance liquid chromatographyâ€“multiple mass spectrometry of intermediate compounds formed from mepanipyrim photoinduced degradation. Journal of Chromatography A, 2004, 1049, 115-125.	3.7	4
43	Ion trap tandem mass spectrometric identification of thiabendazole phototransformation products on titanium dioxide. Journal of Chromatography A, 2003, 984, 59-66.	3.7	24
44	Azo-dyes photocatalytic degradation in aqueous suspension of TiO2 under solar irradiation. Chemosphere, 2002, 49, 1223-1230.	8.2	215
45	Photochemical Behavior of Folic Acid in Alkaline Aqueous Solutions and Evolution of Its Photoproducts. Helvetica Chimica Acta, 2002, 85, 2300-2315.	1.6	31
46	High-performance liquid chromatographic/tandem mass spectrometric identification of the phototransformation products of tebuconazole on titanium dioxide. Journal of Mass Spectrometry, 2002, 37, 566-576.	1.6	29
47	Characterization of methyl orange and its photocatalytic degradation products by HPLC/UVâ€“VIS diode array and atmospheric pressure ionization quadrupole ion trap mass spectrometry. International Journal of Mass Spectrometry, 2002, 214, 247-256.	1.5	243
48	Photocatalytic Degradation of Acid Blue 80 in Aqueous Solutions Containing TiO2Suspensions. Environmental Science & Technology, 2001, 35, 971-976.	10.0	231
49	Definitive Evidence for the Actual Contribution of Yeast in the Transformation of Neutral Precursors of Grape Aromas. Journal of Agricultural and Food Chemistry, 2001, 49, 5397-5408.	5.2	48
50	Ion trap tandem mass spectrometry study of dexamethasone transformation products on light activated TiO2 surface. Journal of the American Society for Mass Spectrometry, 2001, 12, 1286-1295.	2.8	49
51	Trace Naphthalenesulphonates Determination in Natural Water Samples. International Journal of Environmental Analytical Chemistry, 1999, 74, 43-54.	3.3	15
52	Kinetics and mechanisms of complex formation of gallium(III) and indium(III). The reactions with 4-(2-pyridyiazo)resorcinol in water and other mixed solvents. Journal of the Chemical Society Dalton Transactions, 1985, , 2615.	1.1	5
53	Notes. Kinetics of silver(II) oxidation of metal cations. Journal of the Chemical Society Dalton Transactions, 1984, , 475.	1.1	4
54	Kinetics and mechanisms of complex formation and redox reactions of iron(III) with mercaptocarboxylic ligands in acid perchlorate media. Transition Metal Chemistry, 1983, 8, 40-45.	1.4	4

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55	Preparation and characterization of iminodiacetic acidâ€"cellulose filters for concentration of trace metal cations. Analytica Chimica Acta, 1983, 151, 339-347.	5.4	44
56	Kinetics and mechanisms of oxidation of organic compounds by silver(II) species. Part VI: Iminodiacetic acid andN-methyliminodiacetic acid. International Journal of Chemical Kinetics, 1982, 14, 1017-1032.	1.6	4
57	Kinetics of oxidation of organic compounds by silver(II) in aqueous perchloric acid solution. Part 5. Transition Metal Chemistry, 1980, 5, 259-262.	1.4	3
58	Kinetics of oxidation of organic compounds by silver(II) in aqueous perchloric acid solution. IV. Aliphatic alcohols. International Journal of Chemical Kinetics, 1980, 12, 285-299.	1.6	4
59	Kinetics of oxidation of organic compounds by silver(II) in aqueous perchloric acid solution. Part 3. Aliphatic aldehydes. Journal of the Chemical Society Perkin Transactions II, 1978, , 77.	0.9	5
60	Electron-transfer reactions of benzene-1,2-diols with hexachloroiridate(IV) in acidic perchlorate media. Journal of the Chemical Society Dalton Transactions, 1977, , 132.	1.1	23
61	Kinetics of oxidation of 4,4â€²-biphenyldiol and of 4,4â€²-biphenoquinone by metal ions in aqueous perchlorate media. Journal of Inorganic and Nuclear Chemistry, 1976, 38, 557-561.	0.5	10
62	Interactions of Fe(III) with adrenaline, l-dopa and other catechol derivatives. Journal of Inorganic and Nuclear Chemistry, 1976, 38, 2017-2021.	0.5	20