

# Stefano Materazzi

## List of Publications by Year in descending order

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140  
papers

3,126  
citations

109137

35  
h-index

243296

44  
g-index

142  
all docs

142  
docs citations

142  
times ranked

2305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex formation between phytic acid and divalent metal ions: a solution equilibria and solid state investigation. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 173-178.	1.9	74
2	Early detection of emerging street drugs by near infrared spectroscopy and chemometrics. <i>Talanta</i> , 2016, 153, 407-413.	2.9	69
3	Depolymerization of waste poly(methyl methacrylate) scraps and purification of depolymerized products. <i>Journal of Environmental Management</i> , 2019, 231, 1012-1020.	3.8	67
4	Applications of evolved gas analysisPart 2: EGA by mass spectrometry. <i>Talanta</i> , 2006, 69, 781-794.	2.9	66
5	Detection of NADH via electrocatalytic oxidation at single-walled carbon nanotubes modified with Variamine blue. <i>Electrochimica Acta</i> , 2008, 53, 2161-2169.	2.6	56
6	Cocaine profiling: Implementation of a predictive model by ATR-FTIR coupled with chemometrics in forensic chemistry. <i>Talanta</i> , 2017, 166, 328-335.	2.9	56
7	New insights in forensic chemistry: NIR/Chemometrics analysis of toners for questioned documents examination. <i>Talanta</i> , 2017, 174, 673-678.	2.9	56
8	Thermogravimetry â€“ Infrared Spectroscopy (TG-FTIR) Coupled Analysis. <i>Applied Spectroscopy Reviews</i> , 1997, 32, 385-404.	3.4	54
9	Mass Spectrometry Coupled to Thermogravimetry (TG-MS) for Evolved Gas Characterization: A Review.. <i>Applied Spectroscopy Reviews</i> , 1998, 33, 189-218.	3.4	53
10	Evolved Gas Analysis by Mass Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2011, 46, 261-340.	3.4	53
11	Evolved Gas Analysis by Infrared Spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 241-273.	3.4	51
12	Application of near infrared (NIR) spectroscopy coupled to chemometrics for dried egg-pasta characterization and egg content quantification. <i>Food Chemistry</i> , 2013, 140, 726-734.	4.2	51
13	Involvement of p53 in phthalate effects on mouse and rat osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 316-327.	1.2	49
14	Thermogravimetric analysis coupled with chemometrics as a powerful predictive tool for Å–thalassemia screening. <i>Talanta</i> , 2016, 159, 425-432.	2.9	49
15	â€œClick and Screenâ€•Technology for the Detection of Explosives on Human Hands by a Portable MicroNIRâ€“Chemometrics Platform. <i>Analytical Chemistry</i> , 2018, 90, 4288-4292.	3.2	49
16	Mass Spectrometry-Based Proteomic Approach in <i>Oenococcus oeni</i> Enological Starter. <i>Journal of Proteome Research</i> , 2014, 13, 2856-2866.	1.8	48
17	High-throughput prediction of AKB48 in emerging illicit products by NIR spectroscopy and chemometrics. <i>Microchemical Journal</i> , 2017, 134, 277-283.	2.3	48
18	TGâ€“MS and TGâ€“FTIR studies of imidazole-substituted coordination compounds: Co(II) and Ni(II)-complexes of bis(1-methylimidazol-2-yl)ketone. <i>Thermochimica Acta</i> , 2012, 543, 183-187.	1.2	47

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19	Thermal stability of inorganic and organic compounds in atmospheric particulate matter. <i>Atmospheric Environment</i> , 2012, 54, 36-43.	1.9	46
20	Recent Applications of Evolved Gas Analysis by Infrared Spectroscopy (IR-EGA). <i>Applied Spectroscopy Reviews</i> , 2013, 48, 654-689.	3.4	46
21	Study of [2-(2-pyridyl)imidazole] complexes to confirm two main characteristic thermoanalytical behaviors of transition metal complexes based on imidazole derivatives. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 82-87.	2.6	46
22	A Combined Theoretical and Experimental Study of Solid Octyl and Decylammonium Chlorides and of Their Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7806-7818.	1.2	45
23	Evolved Gas Analysis by Mass Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2014, 49, 635-665.	3.4	44
24	FTIR-evolved gas analysis in recent thermoanalytical investigations. <i>Applied Spectroscopy Reviews</i> , 2017, 52, 39-72.	3.4	44
25	Thermogravimetric characterization of dark chocolate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 93-98.	2.0	43
26	A major allergen in rainbow trout ( <i>Oncorhynchus mykiss</i> ): complete sequences of parvalbumin by MALDI tandem mass spectrometry. <i>Molecular BioSystems</i> , 2015, 11, 2373-2382.	2.9	43
27	Prostaglandins differently regulate FGF-2 and FGF receptor expression and induce nuclear translocation in osteoblasts via MAPK kinase. <i>Cell and Tissue Research</i> , 2005, 319, 267-278.	1.5	42
28	EGA-MS study to characterize the thermally induced decomposition of Co(II), Ni(II), Cu(II) and Zn(II) complexes with 1,1-diaminobutane-Schiff base. <i>Thermochimica Acta</i> , 2015, 606, 90-94.	1.2	42
29	Applications of evolved gas analysis Part 1: EGA by infrared spectroscopy. <i>Talanta</i> , 2006, 68, 489-496.	2.9	41
30	Anti-apoptotic Bcl-2 enhancing requires FGF-2/FGF receptor 1 binding in mouse osteoblasts. <i>Journal of Cellular Physiology</i> , 2008, 214, 145-152.	2.0	41
31	Thermoanalytical studies of imidazole-substituted coordination compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 59-64.	2.0	41
32	Thermodynamic Properties of Dopamine in Aqueous Solution. Acid-Base Properties, Distribution, and Activity Coefficients in NaCl Aqueous Solutions at Different Ionic Strengths and Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 2835-2847.	1.0	41
33	Thermodynamic data for Pb <sup>2+</sup> and Zn <sup>2+</sup> sequestration by biologically important S-donor ligands, at different temperatures and ionic strengths. <i>New Journal of Chemistry</i> , 2014, 38, 3973-3983.	1.4	39
34	Crystal structure and thermoanalytical study of a manganese(II) complex with 1-allylimidazole. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 109-114.	2.0	38
35	Influence of the sebaceous gland density on the stratum corneum lipidome. <i>Scientific Reports</i> , 2018, 8, 11500.	1.6	38
36	Crystal structure and physico-chemical properties of cobalt(II) and manganese(II) complexes with imidazole-4-acetate anion. <i>Polyhedron</i> , 2003, 22, 3123-3128.	1.0	37

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37	PVdF-Based Membranes for DMFC Applications. <i>Journal of the Electrochemical Society</i> , 2003, 150, A1528.	1.3	37
38	Simultaneous Determination of Trichothecenes A, B, and D in Maize Food Products by LC-MS/MS. <i>Chromatographia</i> , 2007, 66, 669-676.	0.7	37
39	Polypyrrole-polysaccharide thin films characteristics: Electrosynthesis and biological properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 832-840.	2.1	37
40	Thermoanalytical study of imidazole-substituted coordination compounds: Cu(II)- and Zn(II)-complexes of bis(1-methylimidazol-2-yl)ketone. <i>Thermochimica Acta</i> , 2013, 568, 31-37.	1.2	37
41	Release of particles, organic compounds, and metals from crumb rubber used in synthetic turf under chemical and physical stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1448-1459.	2.7	37
42	MSPD Extraction of Sulphonamides from Meat followed by LC Tandem MS Determination. <i>Chromatographia</i> , 2007, 65, 757-761.	0.7	35
43	Biomimetic complexes of Co(II), Cu(II) and Ni(II) with 2-aminomethylbenzimidazole. EGA-MS characterization of the thermally induced decomposition. <i>Microchemical Journal</i> , 2014, 115, 27-31.	2.3	35
44	Characterization of thermally induced mechanisms by mass spectrometry-evolved gas analysis (EGA-MS): A study of divalent cobalt and zinc biomimetic complexes with N-heterocyclic dicarboxylic ligands. <i>International Journal of Mass Spectrometry</i> , 2014, 365-366, 372-376.	0.7	34
45	Biomimetic complexes of divalent cobalt and zinc with N-heterocyclic dicarboxylic ligands. <i>Thermochimica Acta</i> , 2014, 580, 7-12.	1.2	31
46	Update on thalassemia diagnosis: New insights and methods. <i>Talanta</i> , 2018, 183, 216-222.	2.9	31
47	Monitoring of cannabinoids in hemp flours by MicroNIR/Chemometrics. <i>Talanta</i> , 2020, 211, 120672.	2.9	29
48	Effects of phthalate esters on actin cytoskeleton of Py1a rat osteoblasts. <i>Histology and Histopathology</i> , 2002, 17, 1061-6.	0.5	29
49	New frontiers in thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 549-557.	2.0	28
50	THE COUPLING OF MASS SPECTROMETRY WITH THERMOANALYTICAL INSTRUMENTS: APPLICATIONS OF EVOLVED GAS ANALYSIS. <i>Applied Spectroscopy Reviews</i> , 2001, 36, 169-180.	3.4	26
51	Impact of the Mediterranean fruit fly (Medfly) <i>Ceratitis capitata</i> on different peach cultivars: The possible role of peach volatile compounds. <i>Food Chemistry</i> , 2013, 140, 375-381.	4.2	26
52	Sample Preparation for Determination of Macrocyclic Lactone Mycotoxins in Fish Tissue, Based on On-Line Matrix Solid-Phase Dispersion and Solid-Phase Extraction Cleanup Followed by Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 729-736.	0.7	24
53	Biophysical and biological contributions of polyamine-coated carbon nanotubes and bidimensional buckypapers in the delivery of miRNAs to human cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 13, 1-18.	3.3	24
54	Lab-on-Click-Detection of Illicit Drugs in Oral Fluids by MicroNIR-Chemometrics. <i>Analytical Chemistry</i> , 2019, 91, 6435-6439.	3.2	23

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55	ON-LINE EVOLVED GAS ANALYSIS BY INFRARED SPECTROSCOPY COUPLED TO THERMOANALYTICAL INSTRUMENTS. <i>Applied Spectroscopy Reviews</i> , 2001, 36, 1-9.	3.4	22
56	Benzyl butyl phthalate influences actin distribution and cell proliferation in rat Py1a osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 543-551.	1.2	22
57	Crystal structure and thermoanalytical study of cobalt(II) and nickel(II) complexes with 2,2'-bis-(4,5-dimethylimidazole). <i>Thermochimica Acta</i> , 2010, 510, 75-81.	1.2	22
58	MicroNIR/Chemometrics: A new analytical platform for fast and accurate detection of $\delta^9$ -Tetrahydrocannabinol (THC) in oral fluids. <i>Drug and Alcohol Dependence</i> , 2019, 205, 107578.	1.6	22
59	TGA/Chemometrics addressing innovative preparation strategies for functionalized carbon nanotubes. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 351-355.	2.4	21
60	Thermoanalytical study of benzimidazole complexes with transition metal ions: Copper (II) complexes. <i>Thermochimica Acta</i> , 1996, 286, 1-15.	1.2	20
61	Thermoanalytical characterization of solid-state Co(II)-, Ni(II)- and Cu(II)-4(5)-aminoimidazole-5(4)-carboxamide complexes. <i>Thermochimica Acta</i> , 2003, 397, 129-134.	1.2	20
62	Miniaturized analytical platform for cocaine detection in oral fluids by MicroNIR/Chemometrics. <i>Talanta</i> , 2019, 202, 546-553.	2.9	20
63	Real time detection of amphetamine in oral fluids by MicroNIR/Chemometrics. <i>Talanta</i> , 2020, 208, 120456.	2.9	19
64	Thermal and kinetic study of dehydration and decomposition processes for copper intercalated $\beta$ -zirconium and $\beta$ -titanium phosphates. <i>Thermochimica Acta</i> , 2005, 435, 181-187.	1.2	18
65	$\delta^2$ Analytical Platform To Update Procedures in Thanatochemistry: Estimation of Post Mortem Interval in Vitreous Humor. <i>Analytical Chemistry</i> , 2019, 91, 7025-7031.	3.2	18
66	TG-FTIR coupled analysis applied to the studies in urolithiasis: characterization of human renal calculi. <i>Thermochimica Acta</i> , 1995, 264, 75-93.	1.2	17
67	Thermoanalytical investigation of Ni(II), Co(II) and Cu(II) complexes with imidazole-4-acetic acid. <i>Thermochimica Acta</i> , 2001, 373, 7-11.	1.2	17
68	Towards innovation in paper dating: a MicroNIR analytical platform and chemometrics. <i>Analyst</i> , The, 2018, 143, 4394-4399.	1.7	17
69	HCV Infection in Thalassemia Syndromes and Hemoglobinopathies: New Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 7.	1.6	17
70	Thermal stability and decomposition mechanism of 1-allylimidazole coordination compounds: a TG-FTIR study of Co(II), Ni(II) and Cu(II) hexacoordinate complexes. <i>Thermochimica Acta</i> , 2002, 395, 133-137.	1.2	16
71	Prostaglandin F $_{2\beta}$ involves heparan sulphate sugar chains and FGFRs to modulate osteoblast growth and differentiation. <i>Journal of Cellular Physiology</i> , 2008, 217, 48-59.	2.0	16
72	Evaluation and comparison of 1,2-indanedione and 1,8-diazafluoren-9-one solutions for the enhancement of latent fingerprints on porous surfaces. <i>Forensic Science International</i> , 2015, 254, 205-214.	1.3	15

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73	Mass spectrometry for evolved gas analysis: An update. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 87-116.	3.4	15
74	Complexes of biologically important ligands: thermal properties of coordination compounds obtained by reaction of some divalent metal ions with 2-methyl- and 4-methylimidazole. <i>Thermochimica Acta</i> , 1990, 164, 237-249.	1.2	14
75	Biomimetic complexes: thermal stability, kinetic study and decomposition mechanism of Co(II)-, Ni(II)- and Cu(II)-4(5)-hydroxymethyl-5(4)-methylimidazole complexes. <i>Thermochimica Acta</i> , 2004, 421, 19-24.	1.2	14
76	Search of structure and ligands exchange for palladium(II) complexes with N-allylimidazole; X-ray and solid-state/solution NMR studies. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 869-878.	0.8	14
77	Biomimetic polyimidazole complexes: A thermoanalytical study of Co(II)-, Ni(II)- and Cu(II)-bis(imidazol-2-yl)methane complexes. <i>Thermochimica Acta</i> , 2007, 457, 7-10.	1.2	14
78	New methods for thalassemia screening: TGA/Chemometrics test is not influenced by the aging of blood samples. <i>Microchemical Journal</i> , 2019, 146, 374-380.	2.3	14
79	Hemorheological Alterations and Oxidative Damage in Sickle Cell Anemia. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 142.	1.6	14
80	Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. <i>Molecules</i> , 2020, 25, 511.	1.7	14
81	Thermal decomposition kinetics of palladium(II) 1-allylimidazole complexes. <i>International Journal of Chemical Kinetics</i> , 2005, 37, 667-674.	1.0	13
82	Crystal structure and thermoanalytical study of a cadmium(II) complex with 1-allylimidazole. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 87, 175-179.	2.6	13
83	Thermal analysis and health safety. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 529-533.	2.0	13
84	Phthalate Esters Influence FGF-2 Translocation in Py1a Rat Osteoblasts. <i>European Journal of Morphology</i> , 2001, 39, 155-162.	1.4	13
85	A thermoanalytical approach to the interpretation of the proposed isomerism of some nickel(II) benzimidazole complexes. <i>Thermochimica Acta</i> , 1992, 200, 169-185.	1.2	12
86	Thermoanalytical behaviour of histidine complexes with transition metal ions. <i>Thermochimica Acta</i> , 1996, 275, 93-108.	1.2	12
87	TG-FTIR, DSC and ESCA characterization of histamine complexes with transition metal ions. <i>Thermochimica Acta</i> , 1997, 307, 45-50.	1.2	12
88	Advances in thermoanalytical techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1299-1306.	2.0	12
89	Thermal behaviour of biologically interesting coordination compounds of benzimidazole with divalent metal ions. <i>Thermochimica Acta</i> , 1990, 161, 297-307.	1.2	11
90	Nickel(II) benzimidazole bromide complexes: discussion of the proposed isomerism by thermoanalytical investigation. <i>Thermochimica Acta</i> , 1993, 228, 197-212.	1.2	11

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91	New forensic tool for the identification of elephant or mammoth ivory. <i>Forensic Science International</i> , 1998, 96, 189-196.	1.3	11
92	Biomimetic complexes of Co(II), Mn(II), and Ni(II) with 2-propyl-4,5-imidazolecarboxylic acid. EGA/MS characterization of the thermally induced decomposition. <i>Russian Journal of General Chemistry</i> , 2015, 85, 2374-2377.	0.3	11
93	The formation of sparingly soluble species of Ca <sup>2+</sup> with carboxylic ligands: speciation and thermoanalysis. <i>Talanta</i> , 2003, 61, 611-620.	2.9	10
94	The decomposition mechanism of new solid-state 4(5)-aminoimidazole-5(4)-carboxamide coordination compounds. <i>Thermochimica Acta</i> , 2004, 409, 145-150.	1.2	10
95	Monitoring heavy metal pollution by aquatic plants. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3292-3298.	2.7	10
96	Nickel and copper biomimetic complexes with N-heterocyclic dicarboxylic ligands. <i>Thermochimica Acta</i> , 2013, 573, 101-105.	1.2	10
97	MicroNIR/Chemometrics Assesment of Occupational Exposure to Hydroxyurea. <i>Frontiers in Chemistry</i> , 2018, 6, 228.	1.8	10
98	Modeling of radionuclides in natural fluids: synthesis and characterization of the Na <sub>4</sub> (UO <sub>2</sub> ) <sub>2</sub> (OH) <sub>4</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> complex. <i>Thermochimica Acta</i> , 2002, 387, 17-21.	1.2	9
99	Thermal analysis and food quality. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 465-467.	2.0	9
100	Biomimetic complexes of Cd(II), Mn(II), and Zn(II) with 2-aminomethylbenzimidazole. EGA/MS characterization of the thermally induced decomposition. <i>Russian Journal of General Chemistry</i> , 2017, 87, 300-304.	0.3	9
101	Development of a "single-click" analytical platform for the detection of cannabinoids in hemp seed oil. <i>RSC Advances</i> , 2020, 10, 43394-43399.	1.7	8
102	The decomposition mechanism of Noradrenaline complexes with transition-metal ions: A coupled TG/FT-IR study. <i>Thermochimica Acta</i> , 1998, 319, 131-138.	1.2	7
103	A thermoanalytical study of unusual adrenaline complexes. <i>Thermochimica Acta</i> , 2002, 389, 179-184.	1.2	7
104	Kinetic and thermodynamic study of the Na <sub>4</sub> (UO <sub>2</sub> ) <sub>2</sub> (OH) <sub>4</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> complex. <i>International Journal of Chemical Kinetics</i> , 2003, 35, 661-669.	1.0	7
105	Biomimetic complexes of Cd(II), Mn(II), and Zn(II) with 1,1-diaminobutane Schiff base. EGA/MS study of the thermally induced decomposition. <i>Russian Journal of General Chemistry</i> , 2017, 87, 564-568.	0.3	7
106	Pregnancy in Thalassemia and Sickle Cell Disease: The Experience of an Italian Thalassemia Center. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 16.	1.6	7
107	Evidence of butyl benzyl phtalate induced modifications in a model system developed in vitro. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 843-846.	0.4	7
108	New copper(II) complexes of Creatinine. <i>Thermochimica Acta</i> , 1999, 329, 147-156.	1.2	6

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109	Updating procedures in forensic chemistry: One step cyanoacrylate method to develop latent fingerprints and subsequent DNA profiling. <i>Microchemical Journal</i> , 2019, 147, 478-486.	2.3	6
110	The detection of cannabinoids in veterinary feeds by microNIR/chemometrics: a new analytical platform. <i>Analyst, The</i> , 2020, 145, 1777-1782.	1.7	6
111	Application of Innovative TGA/Chemometric Approach for Forensic Purposes: The Estimation of the Time since Death in Contaminated Specimens. <i>Diagnostics</i> , 2021, 11, 121.	1.3	6
112	Ultrastructure and lectin cytochemistry of secretory cells in lingual glands of the Japanese quail ( <i>Coturnix coturnix japonica</i> ). <i>Histology and Histopathology</i> , 2009, 24, 1087-96.	0.5	6
113	Complexes of adrenaline with some divalent transition-metal ions. <i>Thermochimica Acta</i> , 2001, 369, 167-173.	1.2	5
114	&lt;p&gt;A 3D-Printed Multi-Chamber Device Allows Culturing Cells On Buckypapers Coated With PAMAM Dendrimer And Obtain Innovative Materials For Biomedical Applications&lt;p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9295-9306.	3.3	5
115	Differential diagnosis of hereditary hemolytic anemias in a single multiscreening test by TGA/chemometrics. <i>Chemical Communications</i> , 2020, 56, 7557-7560.	2.2	5
116	An Innovative Multilevel Test for Hemoglobinopathies: TGA/Chemometrics Simultaneously Identifies and Classifies Sickle Cell Disease From Thalassemia. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 141.	1.6	4
117	Innovative screening test for the early detection of sickle cell anemia. <i>Talanta</i> , 2020, 219, 121243.	2.9	4
118	The Solution Behavior of Dopamine in the Presence of Mono and Divalent Cations: A Thermodynamic Investigation in Different Experimental Conditions. <i>Biomolecules</i> , 2021, 11, 1312.	1.8	4
119	On-Line Thermally Induced Evolved Gas Analysis: An Update&quot;Part 1: EGA-MS. <i>Molecules</i> , 2022, 27, 3518.	1.7	4
120	Bound water is a quality discriminant of dried egg-pasta. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 47-50.	2.0	3
121	Divalent Transition Metal Complexes of 2-(Pyridin-2-yl)imidazole: Evolved Gas Analysis Predicting Model to Provide Characteristic Coordination. <i>Russian Journal of General Chemistry</i> , 2017, 87, 2915-2921.	0.3	3
122	Modeling Solid State Stability for Speciation: A Ten-Year Long Study. <i>Molecules</i> , 2019, 24, 3013.	1.7	3
123	Editorial: <i>Frontiers in Hemoglobinopathies: New Insights and Methods</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 632916.	1.6	3
124	Spectroscopic Methods in Evolved Gas Analysis: <i>Analytic Sciences and Chemometrics</i> . , 2014, , .		2
125	TGA/Chemometric Test Is Able to Detect the Presence of a Rare Hemoglobin Variant Hb Bibba. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 101.	1.6	2
126	Development of a novel test for the identification of hereditary erythrocyte membrane defects by TGA/Chemometrics. <i>Analyst, The</i> , 2020, 145, 4452-4456.	1.7	2



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127	In situ visualization of o-phthalate esters in gastrointestinal tract of the frog <i>Rana esculenta</i> . <i>Histology and Histopathology</i> , 2003, 18, 371-7.	0.5	2
128	A thermoanalytical approach to the study of the tissutal water of mouse salivary glands. <i>Thermochimica Acta</i> , 1989, 153, 327-336.	1.2	1
129	Composition of a crude lipase from <i>Candida Cylindracea</i> as studied by differential scanning calorimetry and thermogravimetry. <i>Thermochimica Acta</i> , 1998, 320, 69-74.	1.2	1
130	Solubility and thermal stability of some aminoacrylate compounds. <i>Talanta</i> , 1999, 48, 151-162.	2.9	1
131	New creatinine complexes of nickel(II). <i>Thermochimica Acta</i> , 2000, 351, 61-69.	1.2	1
132	Coordination Compounds and Inorganics. <i>Handbook of Thermal Analysis and Calorimetry</i> , 2008, , 439-502.	1.6	1
133	Innovative Coating Technologies to Extend the Shelf Life of Fresh-Cut Fruits by Edible Film Materials. <i>Key Engineering Materials</i> , 2018, 789, 195-200.	0.4	1
134	Edible Film Coatings to Extend the Shelf-Life of Fresh-Cut Pineapple. <i>Key Engineering Materials</i> , 0, 885, 67-74.	0.4	1
135	Monitoring of radical thermocatalyzed breakdown of polychlorinated compounds. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 228-232.	0.4	1
136	Phthalate esters immunolocalized in the gastrointestinal tract of shi drum <i>Umbrina cirrosa</i> (L.) and rainbow trout, <i>Oncorhynchus mykiss</i> (W.). <i>Histology and Histopathology</i> , 2007, 22, 15-21.	0.5	1
137	Immunohistochemical detection of phthalate esters in the alimentary canal of <i>Tilapia</i> spp.. <i>Journal of Fish Biology</i> , 2002, 61, 265-271.	0.7	0
138	Cattle breeding: A fast screening procedure to control the bovine fodder contamination. <i>Talanta</i> , 2007, 73, 594-597.	2.9	0
139	Identification and isolation of homoserine lactones (HSLs) produced by <i>Pseudomonas aeruginosa</i> and the effects on <i>Legionella pneumophila</i> growth. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1048, 012009.	0.3	0
140	Evidence for the prolongation of aspirine induced modifications in human blood. <i>Analisis - European Journal of Analytical Chemistry</i> , 1999, 27, 786-794.	0.4	0