

Roberta Risoluti

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5369515/roberta-risoluti-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,103
citations

21
h-index

31
g-index

69
ext. papers

1,312
ext. citations

4.6
avg, IF

4.92
L-index

#	Paper	IF	Citations
65	Early detection of emerging street drugs by near infrared spectroscopy and chemometrics. <i>Talanta</i> , 2016 , 153, 407-13	6.2	52
64	New insights in forensic chemistry: NIR/Chemometrics analysis of toners for questioned documents examination. <i>Talanta</i> , 2017 , 174, 673-678	6.2	47
63	Micro-solid phase extraction coupled with high-performance liquid chromatography-tandem mass spectrometry for the determination of stimulants, hallucinogens, ketamine and phencyclidine in oral fluids. <i>Analytica Chimica Acta</i> , 2010 , 675, 132-7	6.6	47
62	Cocaine profiling: Implementation of a predictive model by ATR-FTIR coupled with chemometrics in forensic chemistry. <i>Talanta</i> , 2017 , 166, 328-335	6.2	45
61	"Click and Screen" Technology for the Detection of Explosives on Human Hands by a Portable MicroNIR-Chemometrics Platform. <i>Analytical Chemistry</i> , 2018 , 90, 4288-4292	7.8	42
60	Evolved Gas Analysis by Mass Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2014 , 49, 635-665	4.5	42
59	High-throughput prediction of AKB48 in emerging illicit products by NIR spectroscopy and chemometrics. <i>Microchemical Journal</i> , 2017 , 134, 277-283	4.8	42
58	Thermogravimetric analysis coupled with chemometrics as a powerful predictive tool for β -thalassemia screening. <i>Talanta</i> , 2016 , 159, 425-432	6.2	42
57	EGAMS 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	2.9	41
56	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	6	40
55	FTIR-evolved gas analysis in recent thermoanalytical investigations. <i>Applied Spectroscopy Reviews</i> , 2017 , 52, 39-72	4.5	39
54	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, 2373-82		39
53	Thermogravimetric characterization of dark chocolate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 116, 93-98	4.1	39
52	Sol-Gel Synthesis, Spectroscopic and Thermal Behavior Study of SiO ₂ /PEG Composites Containing Different Amount of Chlorogenic Acid. <i>Polymers</i> , 2018 , 10,	4.5	35
51	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	4.8	34
50	Thermoanalytical, magnetic and structural investigation of neutral Co(II) complexes with 2,2'-dipyridylamine and salicylaldehydes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 123, 717-729	4.1	33
49	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	1.9	32

48	Biomimetic complexes of divalent cobalt and zinc with N-heterocyclic dicarboxylic ligands. <i>Thermochimica Acta</i> , 2014 , 580, 7-12	2.9	29
47	New frontiers in thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 549-557	4.1	26
46	Field detection capability of immunochemical assays during criminal investigations involving the use of TNT. <i>Forensic Science International</i> , 2015 , 246, 25-30	2.6	26
45	Update on thalassemia diagnosis: New insights and methods. <i>Talanta</i> , 2018 , 183, 216-222	6.2	22
44	Sol-gel synthesis and thermal behavior of bioactive ferrous citrate-silica hybrid materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 133, 1085-1092	4.1	20
43	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> , 2018 , 13, 1-18	7.3	17
42	Influence of the sebaceous gland density on the stratum corneum lipidome. <i>Scientific Reports</i> , 2018 , 8, 11500	4.9	16
41	"Click" on PLGA-PEG and hyaluronic acid: Gaining access to anti-leishmanial pentamidine bioconjugates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 2778-2785	7.5	16
40	"Lab-on-Click" Detection of Illicit Drugs in Oral Fluids by MicroNIR-Chemometrics. <i>Analytical Chemistry</i> , 2019 , 91, 6435-6439	7.8	15
39	"2 Analytical Platform" To Update Procedures in Thanatochemistry: Estimation of Post Mortem Interval in Vitreous Humor. <i>Analytical Chemistry</i> , 2019 , 91, 7025-7031	7.8	14
38	Monitoring of cannabinoids in hemp flours by MicroNIR/Chemometrics. <i>Talanta</i> , 2020 , 211, 120672	6.2	14
37	Protein Extraction, Enrichment and MALDI MS and MS/MS Analysis from Bitter Orange Leaves (). <i>Molecules</i> , 2020 , 25,	4.8	14
36	Towards innovation in paper dating: a MicroNIR analytical platform and chemometrics. <i>Analyst, The</i> , 2018 , 143, 4394-4399	5	12
35	Miniaturized analytical platform for cocaine detection in oral fluids by MicroNIR/Chemometrics. <i>Talanta</i> , 2019 , 202, 546-553	6.2	11
34	Advances in thermoanalytical techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 134, 1299-1306	4.06	11
33	Real time detection of amphetamine in oral fluids by MicroNIR/Chemometrics. <i>Talanta</i> , 2020 , 208, 1204562	5.62	11
32	MicroNIR/Chemometrics: A new analytical platform for fast and accurate detection of Δ -Tetrahydrocannabinol (THC) in oral fluids. <i>Drug and Alcohol Dependence</i> , 2019 , 205, 107578	4.9	10
31	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	4.8	10

30	Extraction, Purification, and Determination by HPLC of Quercetin in Some Italian Wines. <i>Food Analytical Methods</i> , 2018 , 11, 3558-3562	3.4	10
29	Mass spectrometry for evolved gas analysis: An update. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 87-116	4.5	10
28	HCV Infection in Thalassemia Syndromes and Hemoglobinopathies: New Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 7	5.6	8
27	Hemorheological Alterations and Oxidative Damage in Sickle Cell Anemia. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 142	5.6	8
26	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	0.7	7
25	MicroNIR/Chemometrics Assessment of Occupational Exposure to Hydroxyurea. <i>Frontiers in Chemistry</i> , 2018 , 6, 228	5	7
24	Biomimetic complexes of Co(II), Mn(II), and Ni(II) with 2-propyl-4,5-imidazoledicarboxylic acid. EGAMS characterization of the thermally induced decomposition. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2374-2377	0.7	7
23	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	0.7	6
22	TGA/Chemometrics addressing innovative preparation strategies for functionalized carbon nanotubes. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 351-355	14	6
21	Determination of Mancozeb, a Pesticide Used Worldwide in Agriculture: Comparison among GC, LC, and CE. <i>Current Analytical Chemistry</i> , 2020 , 16, 1041-1053	1.7	6
20	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	4.8	5
19	Assessing the Quality of Milk Using a Multicomponent Analytical Platform MicroNIR/Chemometric. <i>Frontiers in Chemistry</i> , 2020 , 8, 614718	5	5
18	Differential diagnosis of hereditary hemolytic anemias in a single multiscreening test by TGA/chemometrics. <i>Chemical Communications</i> , 2020 , 56, 7557-7560	5.8	4
17	Thermal behavior, morphology and antibacterial properties study of silica/quercetin nanocomposite materials prepared by sol-gel route. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022 , 147, 5337	4.1	4
16	A Rapid and Accurate Method for the Determination of Methylxanthines in Different Nervous System Stimulant Beverages. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 865-871	1.7	4
15	A 3D-Printed Multi-Chamber Device Allows Culturing Cells On Buckypapers Coated With PAMAM Dendrimer And Obtain Innovative Materials For Biomedical Applications. <i>International Journal of Nanomedicine</i> , 2019 , 14, 9295-9306	7.3	4
14	Pregnancy in Thalassemia and Sickle Cell Disease: The Experience of an Italian Thalassemia Center. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 16	5.6	3
13	Innovative screening test for the early detection of sickle cell anemia. <i>Talanta</i> , 2020 , 219, 121243	6.2	2

12	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	0.7	2
11	Development of a novel test for the identification of hereditary erythrocyte membrane defects by TGA/Chemometrics. <i>Analyst, The</i> , 2020 , 145, 4452-4456	5	1
10	Modeling Solid State Stability for Speciation: A Ten-Year Long Study. <i>Molecules</i> , 2019 , 24,	4.8	1
9	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	5.6	1
8	Development of a "single-click" analytical platform for the detection of cannabinoids in hemp seed oil.. <i>RSC Advances</i> , 2020 , 10, 43394-43399	3.7	1
7	The detection of cannabinoids in veterinary feeds by microNIR/chemometrics: a new analytical platform. <i>Analyst, The</i> , 2020 , 145, 1777-1782	5	1
6	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	5.6	1
5	Thermal, chemical and antimicrobial characterization of bioactive titania synthesized by sol-gel method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 142, 1767-1774	4.1	1
4	Evaluation of Novel Strategies for Carbon Nanotube Functionalization by TGA/Chemometrics. <i>Key Engineering Materials</i> , 2018 , 885, 59-66	0.4	1
3	Application of Innovative TGA/Chemometric Approach for Forensic Purposes: The Estimation of the Time since Death in Contaminated Specimens. <i>Diagnostics</i> , 2021 , 11,	3.8	1
2	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
1	On-Line Thermally Induced Evolved Gas Analysis: An Update Part 1: EGA-MS. <i>Molecules</i> , 2022 , 27, 3518	4.8	0