

# Dario Compagnone

## List of Publications by Year in descending order

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194  
papers

6,309  
citations

66250

44  
h-index

111975

67  
g-index

196  
all docs

196  
docs citations

196  
times ranked

7738  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization and evaluation of antioxidant activity from different cultivars of <i>Cannabis sativa</i> L. of Abruzzo's region. <i>Natural Product Research</i> , 2023, 37, 2591-2595.	1.0	5
2	Enzyme inhibition coupled to molecularly imprinted polymers for acetazolamide determination in biological samples. <i>Talanta</i> , 2022, 240, 123195.	2.9	10
3	Monitoring disinfection in the Covid-19 era. A reagent-free nanostructured smartphone-based device for the detection of oxidative disinfectants. <i>Microchemical Journal</i> , 2022, 175, 107165.	2.3	10
4	Modular graphene mediator film-based electrochemical pocket device for chlorpyrifos determination. <i>Talanta</i> , 2022, 240, 123212.	2.9	10
5	Oxysterols Profile in Zebrafish Embryos Exposed to Triclocarban and Propylparaben: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1264.	1.2	3
6	New trends in enzyme-free electrochemical sensing of ROS/RNS. Application to live cell analysis. <i>Mikrochimica Acta</i> , 2022, 189, 102.	2.5	9
7	Cannabinoid Profile in <i>Cannabis sativa</i> L. Samples by Means of LC-MRM/IDA/EPI Analysis: A New Approach for Cultivar Classification. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3907-3916.	2.4	4
8	Predictive Multi Experiment Approach for the Determination of Conjugated Phenolic Compounds in Vegetal Matrices by Means of LC-MS/MS. <i>Molecules</i> , 2022, 27, 3089.	1.7	16
9	Fast sonochemical molecularly imprinted polymer synthesis for selective electrochemical determination of maleic hydrazide. <i>Microchemical Journal</i> , 2022, 180, 107634.	2.3	12
10	Analysis of carbazole alkaloids in <i>Murraya koenigii</i> by means of high performance liquid chromatography coupled to Tandem mass spectrometry with a predictive multi experiment approach. <i>Journal of Chromatography Open</i> , 2022, 2, 100055.	0.8	4
11	Accelerated Extraction and Analysis of Ethyl Glucuronide in Hair by Means of Pressurized Liquid Extraction Followed by Liquid Chromatography-Tandem Mass Spectrometry Determination. <i>Journal of Analytical Toxicology</i> , 2021, 45, 927-936.	1.7	3
12	Plasmonic active film integrating gold/silver nanostructures for H <sub>2</sub> O <sub>2</sub> readout. <i>Talanta</i> , 2021, 222, 121682.	2.9	27
13	Effect of phenolic compounds-capped AgNPs on growth inhibition of <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111533.	2.5	19
14	A Hairpin DNA-Based Piezoelectric E-Nose: Exploring the Performances of Heptamer Loops for the Detection of Volatile Organic Compounds. <i>Chemosensors</i> , 2021, 9, 115.	1.8	1
15	Molecularly Imprinted Polymers Combined with Electrochemical Sensors for Food Contaminants Analysis. <i>Molecules</i> , 2021, 26, 4607.	1.7	61
16	Targeted and semi-untargeted determination of phenolic compounds in plant matrices by high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1651, 462315.	1.8	17
17	µSPE followed by HPLC-MS/MS for the determination of series D and E resolvins in biological matrices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114181.	1.4	3
18	Metal nanoparticles based lab-on-paper for phenolic compounds evaluation with no sample pretreatment. Application to extra virgin olive oil samples. <i>Analytica Chimica Acta</i> , 2021, 1183, 338971.	2.6	10

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19	A new class of sensing elements for sensors: Clamp peptides for Zika virus. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113471.	5.3	8
20	(+)-Catechin-assisted graphene production by sonochemical exfoliation in water. A new redox-active nanomaterial for electromediated sensing. <i>Mikrochimica Acta</i> , 2021, 188, 369.	2.5	9
21	Water-Phase Exfoliated Biochar Nanofibers from Eucalyptus Scraps for Electrode Modification and Conductive Film Fabrication. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13988-13998.	3.2	19
22	Graphene Nanoflakes Incorporating Natural Phytochemicals Containing Catechols as Functional Material for Sensors. , 2021, 5, .		0
23	Eucalyptus Biochar as a Sustainable Nanomaterial for Electrochemical Sensors. , 2021, 5, .		3
24	Cocoa powder and catechins as natural mediators to modify carbon-black based screen-printed electrodes. Application to free and total glutathione detection in blood. <i>Talanta</i> , 2020, 207, 120349.	2.9	20
25	Development of an optoelectronic nose based on surface plasmon resonance imaging with peptide and hairpin DNA for sensing volatile organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127188.	4.0	25
26	A UHPLC-HRMS based metabolomics and chemoinformatics approach to chemically distinguish "super foods" from a variety of plant-based foods. <i>Food Chemistry</i> , 2020, 313, 126071.	4.2	18
27	Determination of 3-Alkyl-2-methoxypyrazines in Green Coffee: A Study To Unravel Their Role on Coffee Quality. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4743-4751.	2.4	7
28	Oxidative stress on-chip: Prussian blue-based electrode array for in situ detection of H <sub>2</sub> O <sub>2</sub> from cell populations. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112669.	5.3	24
29	Molecular Networking: A Useful Tool for the Identification of New Psychoactive Substances in Seizures by LC-HRMS. <i>Frontiers in Chemistry</i> , 2020, 8, 572952.	1.8	37
30	Peptides, DNA and MIPs in Gas Sensing. From the Realization of the Sensors to Sample Analysis. <i>Sensors</i> , 2020, 20, 4433.	2.1	18
31	Xurography-Enabled Thermally Transferred Carbon Nanomaterial-Based Electrochemical Sensors on Polyethylene Terephthalate-Ethylene Vinyl Acetate Films. <i>Analytical Chemistry</i> , 2020, 92, 13565-13572.	3.2	16
32	Chemical Composition and Antioxidant Activity of Thyme, Hemp and Coriander Extracts: A Comparison Study of Maceration, Soxhlet, UAE and RSLDE Techniques. <i>Foods</i> , 2020, 9, 1221.	1.9	52
33	Preliminary Study to Develop an Alternative Method for the Non-targeted Determination of Xenobiotics in Food by Means of Ultra High Performance Liquid Chromatography Coupled to High Resolution and Accuracy Mass Spectrometry. <i>Food Analytical Methods</i> , 2020, 13, 1099-1110.	1.3	6
34	Piezoelectric peptide-hpDNA based electronic nose for the detection of terpenes; Evaluation of the aroma profile in different <i>Cannabis sativa</i> L. (hemp) samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 308, 127697.	4.0	14
35	Class-selective voltammetric determination of hydroxycinnamic acids structural analogs using a WS <sub>2</sub> /catechin-capped AuNPs/carbon black-based nanocomposite sensor. <i>Mikrochimica Acta</i> , 2020, 187, 296.	2.5	36
36	Colorimetric determination of polyphenols via Ag gold nanoseeds-decorated polydopamine film. <i>Mikrochimica Acta</i> , 2020, 187, 267.	2.5	16

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37	Group VI transition metal dichalcogenides as antifouling transducers for electrochemical oxidation of catechol-containing structures. <i>Electrochemistry Communications</i> , 2020, 115, 106718.	2.3	26
38	Studies on Silver Nanoparticles Production Mediated by Sugars. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 29-34.	0.3	0
39	Lab-on-a-Tip Based on a Bimetallic Nanoarchitecture Enabling Catalytic 4-Nitrophenol Switch-off. , 2020, 60, .		0
40	Hairpin DNA-AuNPs as molecular binding elements for the detection of volatile organic compounds. <i>Biosensors and Bioelectronics</i> , 2019, 123, 124-130.	5.3	25
41	Study on volatile markers of pasta quality using GC-MS and a peptide based gas sensor array. <i>LWT - Food Science and Technology</i> , 2019, 114, 108364.	2.5	17
42	Headspace Volatile Evaluation of Carrot Samples – Comparison of GC/MS and AuNPs-hpDNA-Based E-Nose. <i>Foods</i> , 2019, 8, 293.	1.9	16
43	Comparison of IRMS, GC-MS and E-Nose data for the discrimination of saffron samples with different origin, process and age. <i>Food Control</i> , 2019, 106, 106736.	2.8	37
44	Combination of pressurized liquid extraction with dispersive liquid liquid micro extraction for the determination of sixty drugs of abuse in hair. <i>Journal of Chromatography A</i> , 2019, 1605, 360348.	1.8	40
45	Phenol Profiling and Nutraceutical Potential of Lycium spp. Leaf Extracts Obtained with Ultrasound and Microwave Assisted Techniques. <i>Antioxidants</i> , 2019, 8, 260.	2.2	25
46	Computationally Designed Peptides for Zika Virus Detection: An Incremental Construction Approach. <i>Biomolecules</i> , 2019, 9, 498.	1.8	9
47	Monitoring Shelf Life of Carrots with a Peptides Based Electronic Nose. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 69-74.	0.3	1
48	Carbon Black as Electrode Modifier in Prussian Blue Electrodeposition for H <sub>2</sub> O <sub>2</sub> Sensing. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 345-350.	0.3	0
49	High-performance carbon black/molybdenum disulfide nanohybrid sensor for cocoa catechins determination using an extraction-free approach. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126651.	4.0	41
50	Nanohybrid carbon black-molybdenum disulfide transducers for preconcentration-free voltammetric detection of the olive oil o-diphenols hydroxytyrosol and oleuropein. <i>Mikrochimica Acta</i> , 2019, 186, 363.	2.5	32
51	Silver and gold nanoparticles based colorimetric assays for the determination of sugars and polyphenols in apples. <i>Food Research International</i> , 2019, 119, 359-368.	2.9	38
52	Silver nanoparticles-based plasmonic assay for the determination of sugar content in food matrices. <i>Analytica Chimica Acta</i> , 2019, 1051, 129-137.	2.6	44
53	Simple and rapid silver nanoparticles based antioxidant capacity assays: Reactivity study for phenolic compounds. <i>Food Chemistry</i> , 2018, 256, 342-349.	4.2	49
54	Investigation of phenylbutazone and its metabolite oxyphenbutazone in horse meat products during years 2013 – 2017. <i>Drug Testing and Analysis</i> , 2018, 10, 1251-1257.	1.6	2

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55	Electrochromic Molecular Imprinting Sensor for Visual and Smartphone-Based Detections. <i>Analytical Chemistry</i> , 2018, 90, 5850-5856.	3.2	79
56	Electrochemical Behaviour of Microwave-Assisted Oxidized MWCNTs Based Disposable Electrodes: Proposal of a NADH Electrochemical Sensor. <i>Electroanalysis</i> , 2018, 30, 509-516.	1.5	32
57	Italian Cheeses Discrimination by Means of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Isotopic Ratio Mass Spectrometry. <i>Food Analytical Methods</i> , 2018, 11, 1467-1475.	1.3	8
58	Nano carbon black-based screen printed sensor for carbofuran, isoprocarb, carbaryl and fenobucarb detection: application to grain samples. <i>Talanta</i> , 2018, 186, 389-396.	2.9	95
59	Crocins pattern in saffron detected by UHPLC-MS/MS as marker of quality, process and traceability. <i>Food Chemistry</i> , 2018, 264, 241-249.	4.2	39
60	Analysis of new psychoactive substances in oral fluids by means of microextraction by packed sorbent followed by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 865-873.	1.6	46
61	Analysis of Polyphenols in the Lamiaceae Family by Matrix Solid-Phase Dispersion Extraction Followed by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry Determination. <i>ACS Omega</i> , 2018, 3, 17610-17616.	1.6	21
62	Affinity Sensing Strategies for the Detection of Pesticides in Food. <i>Foods</i> , 2018, 7, 148.	1.9	56
63	NADH Oxidation onto Different Carbon-Based Sensors: Effect of Structure and Surface-Oxygenated Groups. <i>Journal of Sensors</i> , 2018, 2018, 1-9.	0.6	17
64	Nanomaterial-Based Sensing and Biosensing of Phenolic Compounds and Related Antioxidant Capacity in Food. <i>Sensors</i> , 2018, 18, 462.	2.1	116
65	Development of gold nanoparticles biosensor for ultrasensitive diagnosis of foot and mouth disease virus. <i>Journal of Nanobiotechnology</i> , 2018, 16, 48.	4.2	55
66	GC-MS aroma characterization of vegetable matrices: Focus on 3-alkyl-2-methoxypyrazines. <i>Journal of Mass Spectrometry</i> , 2018, 53, 871-881.	0.7	15
67	Peptide Modified ZnO Nanoparticles as Gas Sensors Array for Volatile Organic Compounds (VOCs). <i>Frontiers in Chemistry</i> , 2018, 6, 105.	1.8	41
68	Determination of Free Fatty Acids in Cheese by Means of Matrix Solid-Phase Dispersion Followed by Ultra-High Performance Liquid Chromatography and Tandem Mass Spectrometry Analysis. <i>Food Analytical Methods</i> , 2018, 11, 2961-2968.	1.3	6
69	Nanostructured quartz crystal microbalances for gas sensing based on metal nanoparticles decorated with peptides. The role of nanomaterial and peptide design for the realization of gas sensor arrays. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
70	Electrodeposited Prussian Blue on carbon black modified disposable electrodes for direct enzyme-free H <sub>2</sub> O <sub>2</sub> sensing in a Parkinson's disease in vitro model. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 402-408.	4.0	43
71	Electrochemical Preparation of a MIP-Glassy Carbon Electrode for the Determination of Dimethoate. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 157-162.	0.3	2
72	Optical Detection of Antioxidant Capacity in Food Using Metal Nanoparticles Formation. Study on Saffron Constituents. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 151-157.	0.3	0

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73	Selective solid phase extraction of JWH synthetic cannabinoids by using computationally designed peptides. <i>Talanta</i> , 2017, 167, 126-133.	2.9	6
74	Application of a rapid $\mu$ -SPE clean-up for multiclass quantitative analysis of sixteen new psychoactive substances in whole blood by LC-MS/MS. <i>Talanta</i> , 2017, 167, 260-267.	2.9	34
75	Press-transferred carbon black nanoparticles for class-selective antioxidant electrochemical detection. <i>Applied Materials Today</i> , 2017, 9, 29-36.	2.3	37
76	Determination of Pesticides in Wheat Flour Using Microextraction on Packed Sorbent Coupled to Ultra-High Performance Liquid Chromatography and Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 1699-1708.	1.3	25
77	Pharmacokinetics of marbofloxacin administered via intravenous regional limb perfusion in dairy cows: evaluation of two different tourniquets. <i>Veterinary Record Open</i> , 2017, 4, e000227.	0.3	4
78	MIP-MEPS based sensing strategy for the selective assay of dimethoate. Application to wheat flour samples. <i>Talanta</i> , 2017, 174, 599-604.	2.9	33
79	Multi-class analysis of new psychoactive substances and metabolites in hair by pressurized liquid extraction coupled to HPLC-MS. <i>Drug Testing and Analysis</i> , 2017, 9, 798-807.	1.6	41
80	Hydrogen and Atom Transfer Activity of Saffron Extracts by Square Wave Voltammetry. <i>Electroanalysis</i> , 2017, 29, 521-528.	1.5	9
81	Tailoring gas sensor arrays via the design of short peptides sequences as binding elements. <i>Biosensors and Bioelectronics</i> , 2017, 93, 161-169.	5.3	36
82	Chemical Sensors and Biosensors in Italy: A Review of the 2015 Literature. <i>Sensors</i> , 2017, 17, 868.	2.1	22
83	Determination of regulatory ionophore coccidiostat residues in feedstuffs at carry-over levels by liquid chromatography-mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0182831.	1.1	6
84	Micro-solid-phase extraction ( $\mu$ -SPE) of organophosphorous pesticides from wheat followed by LC-MS/MS determination. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-9.	1.1	9
85	Food borne bacterial models for detection of benzo[a]pyrene-DNA adducts formation using RAPD-PCR. <i>Microbial Biotechnology</i> , 2016, 9, 400-407.	2.0	7
86	Press-transferred carbon black nanoparticles on board of microfluidic chips for rapid and sensitive amperometric determination of phenyl carbamate pesticides in environmental samples. <i>Mikrochimica Acta</i> , 2016, 183, 3143-3149.	2.5	43
87	Printed Conductive Carbon Black Nanoparticle Films for Molecular Detection at the Microscale. <i>Chemistry - A European Journal</i> , 2016, 22, 12761-12766.	1.7	34
88	Broad Screening and Identification of Novel Psychoactive Substances in Plasma by High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry and Post-run Library Matching. <i>Journal of Analytical Toxicology</i> , 2016, 40, 519-528.	1.7	25
89	Development and Validation of a Method for the Determination of Quinolones in Muscle and Eggs by Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 2308-2320.	1.3	22
90	In Silico Design of Short Peptides as Sensing Elements for Phenolic Compounds. <i>ACS Sensors</i> , 2016, 1, 279-286.	4.0	14

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91	Determination of marbofloxacin in plasma and synovial fluid by ultrafiltration followed by HPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 31-36.	1.4	13
92	Solid-Phase Extraction of Pesticides by Using Bioinspired Peptide Receptors. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	0.9	0
93	Gold Nanoparticles-based Extraction-Free Colorimetric Assay in Organic Media: An Optical Index for Determination of Total Polyphenols in Fat-Rich Samples. <i>Analytical Chemistry</i> , 2015, 87, 6905-6911.	3.2	59
94	Press-transferred carbon black electrodes coupled to microchip electrophoresis for food pesticides detection. , 2015, , .		0
95	Extravirgin olive oil up-regulates CB1 tumor suppressor gene in human colon cancer cells and in rat colon via epigenetic mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 250-258.	1.9	102
96	Antioxidant capacity index based on gold nanoparticles formation. Application to extra virgin olive oil samples. <i>Food Chemistry</i> , 2015, 178, 70-75.	4.2	47
97	Pressurized liquid extraction for the determination of cannabinoids and metabolites in hair: Detection of cut-off values by high performance liquid chromatography-high resolution tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1406, 192-200.	1.8	34
98	Determination of illicit drugs and metabolites in oral fluid by microextraction on packed sorbent coupled with LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3647-3658.	1.9	58
99	Evaluation of aroma release of gummy candies added with strawberry flavours by gas-chromatography/mass-spectrometry and gas sensors arrays. <i>Journal of Food Engineering</i> , 2015, 167, 77-86.	2.7	37
100	Carbon black as successful screen-printed electrode modifier for phenolic compound detection. <i>Electrochemistry Communications</i> , 2015, 60, 78-82.	2.3	95
101	Quartz crystal microbalance gas sensor arrays for the quality control of chocolate. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 1114-1120.	4.0	45
102	Salmonella enterica and Listeria monocytogenes inactivation dynamics after treatment with selected essential oils. <i>Food Control</i> , 2015, 50, 794-803.	2.8	92
103	Virtual Screening Peptide Selection for a Peptide Based Gas Sensors Array. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 89-93.	0.3	1
104	Fatty acid composition and $\delta^{13}C$ of bulk and individual fatty acids as marker for authenticating Italian PDO/PGI extra virgin olive oils by means of isotopic ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 840-849.	0.7	23
105	Comparison of Performance, Meat Lipids and Oxidative Status of Pigs from Commercial Breed and Organic Crossbreed. <i>Animals</i> , 2014, 4, 348-360.	1.0	16
106	Analytical approaches for the determination of phytocannabinoids and endocannabinoids in human matrices. <i>Drug Testing and Analysis</i> , 2014, 6, 7-16.	1.6	38
107	Bio-inspired solid phase extraction sorbent material for cocaine: A cross reactivity study. <i>Talanta</i> , 2014, 130, 382-387.	2.9	3
108	Multiplexed Determination of Amino-Terminal Pro-B-type Natriuretic Peptide and C-Reactive Protein Cardiac Biomarkers in Human Serum at a Disposable Electrochemical Magnetoimmunosensor. <i>Electroanalysis</i> , 2014, 26, 254-261.	1.5	37

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109	Selection of peptide ligands for piezoelectric peptide based gas sensors arrays using a virtual screening approach. <i>Biosensors and Bioelectronics</i> , 2014, 52, 247-254.	5.3	32
110	A $\mu$ -SPE procedure for the determination of cannabinoids and their metabolites in urine by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 169-175.	1.4	37
111	Pressurized-liquid extraction for determination of illicit drugs in hair by LC-MS-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 725-735.	1.9	30
112	Micro extraction by packed sorbent coupled to liquid chromatography tandem mass spectrometry for the rapid and sensitive determination of cannabinoids in oral fluids. <i>Journal of Chromatography A</i> , 2013, 1301, 139-146.	1.8	53
113	Screening of methylenedioxyamphetamine and piperazine-derived designer drugs in urine by LC-MS/MS using neutral loss and precursor ion scan. <i>Journal of Mass Spectrometry</i> , 2013, 48, 49-59.	0.7	29
114	Peptides trapping cocaine: docking simulation and experimental screening by solid phase extraction followed by liquid chromatography mass spectrometry in plasma samples. <i>Analytica Chimica Acta</i> , 2013, 772, 40-46.	2.6	17
115	Aminoacidic units wired on poly(aryleneethynylene) platforms as highly selective mercury-responsive materials. <i>Tetrahedron Letters</i> , 2013, 54, 303-307.	0.7	4
116	Sensing benzo[a]pyrene-DNA adducts formation via decrease of hybridization reaction. <i>Sensors and Actuators B: Chemical</i> , 2013, 179, 187-193.	4.0	5
117	Gold nanoparticles-peptide based gas sensor arrays for the detection of foodaromas. <i>Biosensors and Bioelectronics</i> , 2013, 42, 618-625.	5.3	52
118	Determination of the two major endocannabinoids in human plasma by $\mu$ -SPE followed by HPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 785-793.	1.9	49
119	Peptides Trapping Dioxins: A Docking-Based Inverse Screening Approach. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	0.9	6
120	Selective Voltammetric Analysis of <i>o</i> -Diphenols from Olive Oil Using $\text{Na}_2\text{MoO}_4$ as Electrochemical Mediator. <i>Electroanalysis</i> , 2012, 24, 889-896.	1.5	37
121	Electrochemical Sensors and Biosensors in Italy. <i>Electroanalysis</i> , 2012, 24, 717-717.	1.5	2
122	Analysis of Bile Acids Profile in Human Serum by Ultrafiltration Clean-up and LC-MS/MS. <i>Chromatographia</i> , 2012, 75, 479-489.	0.7	16
123	Detection of benzo(a)pyrene photodegradation products using DNA electrochemical sensors. <i>Biosensors and Bioelectronics</i> , 2012, 31, 270-276.	5.3	22
124	Determination of Illicit Drugs in Urine and Plasma by Micro-SPE Followed by HPLC-MS/MS. <i>Chromatographia</i> , 2012, 75, 55-63.	0.7	23
125	Electrochemical genosensors for the detection of <i>Bonamia</i> parasite. Selection of single strand-DNA (ssDNA) probes by simulation of the secondary structure folding. <i>Talanta</i> , 2011, 85, 1927-1932.	2.9	12
126	Neutral loss and precursor ion scan tandem mass spectrometry for study of activated benzopyrene-DNA adducts. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1983-1991.	1.9	18



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127	Electrochemical DNA Sensors for the Detection of Benzo[a]pyrene Toxicity. Lecture Notes in Electrical Engineering, 2011, , 351-354.	0.3	2
128	An Amperometric Sensor for the Selective Determination of Ortho-Diphenols in Olive Oil. Lecture Notes in Electrical Engineering, 2011, , 361-365.	0.3	1
129	New poly(aryleneethynylene)s as optical active platforms in biosensing. Selective fluorescent detection of Hg(II) obtained by the use of aminoacidic groups anchored on conjugated backbones. Mikrochimica Acta, 2010, 170, 313-319.	2.5	10
130	Recent strategies for the biological sensing of pesticides: from the design to the application in real samples. Bioanalytical Reviews, 2010, 1, 159-176.	0.1	17
131	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. Analytica Chimica Acta, 2010, 675, 132-137.	2.6	54
132	Detection of coumaphos in honey using a screening method based on an electrochemical acetylcholinesterase bioassay. Talanta, 2010, 81, 76-81.	2.9	30
133	Recent advances in NADH electrochemical sensing design. Bioelectrochemistry, 2009, 76, 126-134.	2.4	170
134	Multiclass analysis of illicit drugs in plasma and oral fluids by LC-MS/MS. Analytical and Bioanalytical Chemistry, 2009, 393, 709-718.	1.9	83
135	Influence of chemical composition of olive oil on the development of volatile compounds during frying. European Food Research and Technology, 2009, 230, 217-229.	1.6	19
136	Monitoring of fatty acid composition in virgin olive oil by Fourier transformed infrared spectroscopy coupled with partial least squares. Food Chemistry, 2009, 114, 1549-1554.	4.2	146
137	Detection of NADH via electrocatalytic oxidation at single-walled carbon nanotubes modified with Variamine blue. Electrochimica Acta, 2008, 53, 2161-2169.	2.6	56
138	Electrochemical DNA biosensor for polycyclic aromatic hydrocarbon detection. Mikrochimica Acta, 2008, 163, 163-169.	2.5	48
139	Screening of rationally designed oligopeptides for <i>Listeria monocytogenes</i> detection by means of a high density colorimetric microarray. Mikrochimica Acta, 2008, 163, 227-235.	2.5	9
140	Study of the aroma of artificially flavoured custards by chemical sensor array fingerprinting. Sensors and Actuators B: Chemical, 2008, 133, 345-351.	4.0	34
141	Determination of phthalate esters in wine using solid-phase extraction and gas chromatography-mass spectrometry. Food Chemistry, 2008, 111, 771-777.	4.2	158
142	Oligopeptides as Mimic of Acetylcholinesterase: From the Rational Design to the Application in Solid-Phase Extraction for Pesticides. Analytical Chemistry, 2008, 80, 9150-9156.	3.2	23
143	Effects of Fly Attack ( <i>Bactrocera oleae</i> ) on the Phenolic Profile and Selected Chemical Parameters of Olive Oil. Journal of Agricultural and Food Chemistry, 2008, 56, 4577-4583.	2.4	82
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