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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Two of a kind but different: Luminescent carbon quantum dots from Citrus peels for iron and tartrazine sensing and cell imaging. Talanta, 2017, 175, 305-312.	5.5	124
2	Magnetic ionic liquid in stirring-assisted drop-breakup microextraction: Proof-of-concept extraction of phenolic endocrine disrupters and acidic pharmaceuticals. Analytica Chimica Acta, 2016, 910, 53-59.	5.4	81
3	Selective FRET-based sensing of 4-nitrophenol and cell imaging capitalizing on the fluorescent properties of carbon nanodots from apple seeds. Sensors and Actuators B: Chemical, 2018, 258, 1152-1160.	7.8	77
4	Graphene-functionalized melamine sponges for microextraction of sulfonamides from food and environmental samples. Journal of Chromatography A, 2017, 1522, 1-8.	3.7	57
5	Human fingernails as an intriguing precursor for the synthesis of nitrogen and sulfur-doped carbon dots with strong fluorescent properties: Analytical and bioimaging applications. Sensors and Actuators B: Chemical, 2018, 267, 494-501.	7.8	55
6	Qualitative Alterations of Bacterial Metabolome after Exposure to Metal Nanoparticles with Bactericidal Properties: A Comprehensive Workflow Based on ¹ H NMR, UHPLC-HRMS, and Metabolic Databases. Journal of Proteome Research, 2016, 15, 3322-3330.	3.7	50
7	1-Butyl-3-aminopropyl imidazolium—functionalized graphene oxide as a nanoadsorbent for the simultaneous extraction of steroids and Î2-blockers via dispersive solid–phase microextraction. Journal of Chromatography A, 2016, 1436, 9-18.	3.7	48
8	Enhanced magnetic ionic liquid-based dispersive liquid-liquid microextraction of triazines and sulfonamides through a one-pot, pH-modulated approach. Journal of Chromatography A, 2018, 1571, 47-54.	3.7	46
9	Carbonization of Human Fingernails: Toward the Sustainable Production of Multifunctional Nitrogen and Sulfur Codoped Carbon Nanodots with Highly Luminescent Probing and Cell Proliferative/Migration Properties. ACS Applied Materials & Interfaces, 2018, 10, 16024-16032.	8.0	42
10	Matrix solid-phase dispersion based on magnetic ionic liquids: An alternative sample preparation approach for the extraction of pesticides from vegetables. Journal of Chromatography A, 2018, 1581-1582, 168-172.	3.7	38
11	Melamine sponge decorated with copper sheets as a material with outstanding properties for microextraction of sulfonamides prior to their determination by high-performance liquid chromatography A, 2018, 1554, 28-36.	3.7	33
12	Bioimaging Applications of Carbon Nanodots: A Review. Journal of Carbon Research, 2019, 5, 19.	2.7	33
13	Carbon-Based Nanomaterials Functionalized with Ionic Liquids for Microextraction in Sample Preparation. Separations, 2017, 4, 14.	2.4	30
14	Zinc ferrite as a magnetic sorbent for the dispersive micro solid-phase extraction of sulfonamides and their determination by HPLC. Microchemical Journal, 2020, 155, 104670.	4.5	26
15	Octylâ€modified magnetic graphene as a sorbent for the extraction and simultaneous determination of fragrance allergens, musks, and phthalates in aqueous samples by gas chromatography with mass spectrometry. Journal of Separation Science, 2015, 38, 3758-3765.	2.5	24
16	Exploring the antibacterial potential and unraveling the mechanism of action of non-doped and heteroatom-doped carbon nanodots. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	24
17	Cannabinol in the spotlight: Toxicometabolomic study and behavioral analysis of zebrafish embryos exposed to the unknown cannabinoid. Chemosphere, 2020, 252, 126417.	8.2	23
18	Magnetic graphene oxide as a convenient nanosorbent to streamline matrix solid-phase dispersion towards the extraction of pesticides from vegetables and their determination by GC–MS. Microchemical Journal, 2019, 151, 104247.	4.5	21

#	Article	IF	CITATIONS
19	Combination of Pulsed Electric Field and Ultrasound in the Extraction of Polyphenols and Volatile Compounds from Grape Stems. Applied Sciences (Switzerland), 2022, 12, 6219.	2.5	20
20	lon-pair assisted extraction followed by 1H NMR determination of biogenic amines in food and biological matrices. Food Chemistry, 2016, 202, 445-450.	8.2	19
21	In situ trapping of As, Sb and Se hydrides on nanometer-sized ceria-coated iron oxide–silica and slurry suspension introduction to ICP-OES. Talanta, 2014, 130, 142-147.	5.5	17
22	Pulsed Electric Field-Based Extraction of Total Polyphenols from Sideritis raiseri Using Hydroethanolic Mixtures. Oxygen, 2022, 2, 91-98.	5.0	16
23	Antibacterial, Antiâ€Biofouling, and Antioxidant Prospects of Metalâ€Based Nanomaterials. Clean - Soil, Air, Water, 2016, 44, 794-802.	1.1	15
24	Sponges and Sponge-Like Materials in Sample Preparation: A Journey from Past to Present and into the Future. Molecules, 2020, 25, 3673.	3.8	15
25	Magnetic Ionic Liquids in Sample Preparation: Recent Advances and Future Trends. Separations, 2021, 8, 153.	2.4	14
26	The Unexplored Wound Healing Activity of Urtica dioica L. Extract: An In Vitro and In Vivo Study. Molecules, 2021, 26, 6248.	3.8	14
27	Melamine Sponge Functionalized with Urea-Formaldehyde Co-Oligomers as a Sorbent for the Solid-Phase Extraction of Hydrophobic Analytes. Molecules, 2018, 23, 2595.	3.8	13
28	Citric acid-based carbon dots: From revealing new insights into their biological properties to demonstrating their enhanced wound healing potential by in vitro and in vivo experiments. Materials Today Communications, 2021, 26, 102019.	1.9	13
29	Recent Advances in Carbon Dots. Journal of Carbon Research, 2019, 5, 41.	2.7	7
30	Antimicrobial properties of carbon quantum dots. , 2020, , 301-315.		5
31	Metabolomic Profiling Unveils the Impact of Non-Doped and Heteroatom-Doped Carbon Nanodots on Zebrafish (Danio rerio) Embryos. Nanomaterials, 2021, 11, 483.	4.1	5
32	Carbon Nanodots Synthesized from Dunaliella salina as Sun Protection Filters. Journal of Carbon Research, 2020, 6, 69.	2.7	4
33	Metabolic Fingerprinting of Bacteria Exposed to Nanomaterials, Using Online Databases, NMR, and High-Resolution Mass Spectrometry. Methods in Molecular Biology, 2019, 1894, 271-280.	0.9	3
34	Therapeutic applications of carbon nanodots synthesized from green (re)sources. Comprehensive Analytical Chemistry, 2021, 94, 507-531.	1.3	3
35	Performance study of a magnetic iron–copper bimetallic material for the removal of an environmental "cocktail―of diverse hazardous organic micropollutants from aqueous samples. Nanotechnology for Environmental Engineering, 2021, 6, 1.	3.3	2
36	Oxidative and Microbial Stability of a Traditional Appetizer: Aubergine Salad. Processes, 2022, 10, 1245.	2.8	0