

Theodoros G Chatzimitakos

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,017
citations

393982

19
h-index

433756

31
g-index

36
all docs

36
docs citations

36
times ranked

1194
citing authors

#	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. <i>Talanta</i> , 2017, 175, 305-312.	2.9	124
2	Magnetic ionic liquid in stirring-assisted drop-breakup microextraction: Proof-of-concept extraction of phenolic endocrine disrupters and acidic pharmaceuticals. <i>Analytica Chimica Acta</i> , 2016, 910, 53-59.	2.6	81
3	Selective FRET-based sensing of 4-nitrophenol and cell imaging capitalizing on the fluorescent properties of carbon nanodots from apple seeds. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 1152-1160.	4.0	77
4	Graphene-functionalized melamine sponges for microextraction of sulfonamides from food and environmental samples. <i>Journal of Chromatography A</i> , 2017, 1522, 1-8.	1.8	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. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 494-501.	4.0	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. <i>Journal of Proteome Research</i> , 2016, 15, 3322-3330.	1.8	50
7	1-Butyl-3-aminopropyl imidazolium ⁺ functionalized graphene oxide as a nanoadsorbent for the simultaneous extraction of steroids and β -blockers via dispersive solid ⁺ phase microextraction. <i>Journal of Chromatography A</i> , 2016, 1436, 9-18.	1.8	48
8	Enhanced magnetic ionic liquid-based dispersive liquid-liquid microextraction of triazines and sulfonamides through a one-pot, pH-modulated approach. <i>Journal of Chromatography A</i> , 2018, 1571, 47-54.	1.8	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. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16024-16032.	4.0	42
10	Matrix solid-phase dispersion based on magnetic ionic liquids: An alternative sample preparation approach for the extraction of pesticides from vegetables. <i>Journal of Chromatography A</i> , 2018, 1581-1582, 168-172.	1.8	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. <i>Journal of Chromatography A</i> , 2018, 1554, 28-36.	1.8	33
12	Bioimaging Applications of Carbon Nanodots: A Review. <i>Journal of Carbon Research</i> , 2019, 5, 19.	1.4	33
13	Carbon-Based Nanomaterials Functionalized with Ionic Liquids for Microextraction in Sample Preparation. <i>Separations</i> , 2017, 4, 14.	1.1	30
14	Zinc ferrite as a magnetic sorbent for the dispersive micro solid-phase extraction of sulfonamides and their determination by HPLC. <i>Microchemical Journal</i> , 2020, 155, 104670.	2.3	26
15	Octyl ⁺ 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. <i>Journal of Separation Science</i> , 2015, 38, 3758-3765.	1.3	24
16	Exploring the antibacterial potential and unraveling the mechanism of action of non-doped and heteroatom-doped carbon nanodots. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	24
17	Cannabinol in the spotlight: Toxicometabolomic study and behavioral analysis of zebrafish embryos exposed to the unknown cannabinoid. <i>Chemosphere</i> , 2020, 252, 126417.	4.2	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. <i>Microchemical Journal</i> , 2019, 151, 104247.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Combination of Pulsed Electric Field and Ultrasound in the Extraction of Polyphenols and Volatile Compounds from Grape Stems. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6219.	1.3	20
20	Ion-pair assisted extraction followed by ¹ H NMR determination of biogenic amines in food and biological matrices. <i>Food Chemistry</i> , 2016, 202, 445-450.	4.2	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. <i>Talanta</i> , 2014, 130, 142-147.	2.9	17
22	Pulsed Electric Field-Based Extraction of Total Polyphenols from <i>Sideritis raietii</i> Using Hydroethanolic Mixtures. <i>Oxygen</i> , 2022, 2, 91-98.	1.6	16
23	Antibacterial, Anti-biofouling, and Antioxidant Prospects of Metal-Based Nanomaterials. <i>Clean - Soil, Air, Water</i> , 2016, 44, 794-802.	0.7	15
24	Sponges and Sponge-Like Materials in Sample Preparation: A Journey from Past to Present and into the Future. <i>Molecules</i> , 2020, 25, 3673.	1.7	15
25	Magnetic Ionic Liquids in Sample Preparation: Recent Advances and Future Trends. <i>Separations</i> , 2021, 8, 153.	1.1	14
26	The Unexplored Wound Healing Activity of <i>Urtica dioica</i> L. Extract: An In Vitro and In Vivo Study. <i>Molecules</i> , 2021, 26, 6248.	1.7	14
27	Melamine Sponge Functionalized with Urea-Formaldehyde Co-Oligomers as a Sorbent for the Solid-Phase Extraction of Hydrophobic Analytes. <i>Molecules</i> , 2018, 23, 2595.	1.7	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. <i>Materials Today Communications</i> , 2021, 26, 102019.	0.9	13
29	Recent Advances in Carbon Dots. <i>Journal of Carbon Research</i> , 2019, 5, 41.	1.4	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 (<i>Danio rerio</i>) Embryos. <i>Nanomaterials</i> , 2021, 11, 483.	1.9	5
32	Carbon Nanodots Synthesized from <i>Dunaliella salina</i> as Sun Protection Filters. <i>Journal of Carbon Research</i> , 2020, 6, 69.	1.4	4
33	Metabolic Fingerprinting of Bacteria Exposed to Nanomaterials, Using Online Databases, NMR, and High-Resolution Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 1894, 271-280.	0.4	3
34	Therapeutic applications of carbon nanodots synthesized from green (re)sources. <i>Comprehensive Analytical Chemistry</i> , 2021, 94, 507-531.	0.7	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. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	2.0	2
36	Oxidative and Microbial Stability of a Traditional Appetizer: Aubergine Salad. <i>Processes</i> , 2022, 10, 1245.	1.3	0