

CITATION REPORT

List of articles citing

Novel synthesis of nanocomposite for the extraction of Sildenafil Citrate (Viagra) from water and urine samples: Process screening and optimization

DOI: 10.1016/j.ultsonch.2017.03.045

Ultrasonics Sonochemistry, 2017, 38, 463-472.

Source: <https://exaly.com/paper-pdf/66609831/citation-report.pdf>

Version: 2024-04-24

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
77	Supercritical carbon dioxide extraction of <i>Triognella foenum graecum</i> Linn seeds: Determination of bioactive compounds and pharmacological analysis. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017 , 7, 1085-1091	1.4	5
76	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. <i>Carbohydrate Polymers</i> , 2018 , 191, 17-24	10.3	24
75	Development of a reversed dispersive based graphene functionalized with multiwalled carbon nanotubes for detection of μ -agonists in pork by high-performance liquid chromatography. <i>Food Science and Human Wellness</i> , 2018 , 7, 163-169	8.3	3
74	Study on regeneration effect and mechanism of high-frequency ultrasound on biological activated carbon. <i>Ultrasonics Sonochemistry</i> , 2018 , 44, 86-96	8.9	18
73	Synthesis of FeO@CuS@NiP-CNTs magnetic nanocomposite for sonochemical-assisted sorption and pre-concentration of trace Allura Red from aqueous samples prior to HPLC-UV detection: CCD-RSM design. <i>Ultrasonics Sonochemistry</i> , 2018 , 44, 240-250	8.9	69
72	Disintegration of palm oil mill effluent organic solids by ultrasonication: Optimization by response surface methodology. <i>Chemical Engineering Research and Design</i> , 2018 , 114, 123-132	5.5	22
71	Ultrasound-accelerated synthesis of gold nanoparticles modified choline chloride functionalized graphene oxide as a novel sensitive bioelectrochemical sensor: Optimized meloxicam detection using CCD-RSM design and application for human plasma sample. <i>Ultrasonics Sonochemistry</i> , 2018 , 43, 75-81	8.9	36
70	Ultrasonically synthesis of Mn- and Cu- @ ZnS-NPs-AC based ultrasound assisted extraction procedure and validation of a spectrophotometric method for a rapid preconcentration of Allura Red AC (E129) in food and water samples. <i>Ultrasonics Sonochemistry</i> , 2018 , 43, 52-60	8.9	12
69	Comparison of conventional and ultrasonic method for dyeing of spunbond polyester nonwoven fabric. <i>Ultrasonics Sonochemistry</i> , 2018 , 42, 768-775	8.9	10
68	In situ immobilization of layered double hydroxides onto cotton fiber for solid phase extraction of fluoroquinolone drugs. <i>Talanta</i> , 2018 , 186, 545-553	6.2	25
67	Cu- and S- @SnO nanoparticles loaded on activated carbon for efficient ultrasound assisted dispersive μ SPE-spectrophotometric detection of quercetin in <i>Nasturtium officinale</i> extract and fruit juice samples: CCD-RSM design. <i>Ultrasonics Sonochemistry</i> , 2018 , 47, 1-9	8.9	61
66	A new magnetic nanodiamond/graphene oxide hybrid (FeO@ND@GO) material for pre-concentration and sensitive determination of sildenafil in alleged herbal aphrodisiacs by HPLC-DAD system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1084, 113-121	3.2	42
65	Morphological enhancement to CuO nanostructures by electron beam irradiation for biocompatibility and electrochemical performance. <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 314-322	8.9	38
64	Facile fabrication of epoxy-TiO nanocomposites: A critical analysis of TiO impact on mechanical properties and toughening mechanisms. <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 861-873	8.9	68
63	Optimization of process parameters for determination of trace Hazardous dyes from industrial wastewaters based on nanostructures materials under ultrasound energy. <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 238-248	8.9	61
62	Application of dual cloud point extraction for the enrichment of zinc in serum samples of psychiatric patients prior to analysis by FAAS. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 62, 58-63	6.3	11
61	Zinc oxide nanoleaves: A scalable disperser-assisted sonochemical approach for synthesis and an antibacterial application. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 47-58	8.9	36

60	Mild synthesis of a Zn(II) metal organic polymer and its hybrid with activated carbon: Application as antibacterial agent and in water treatment by using sonochemistry: Optimization, kinetic and isotherm study. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 389-396	8.9	38
59	A novel synthesis of a new thorium (IV) metal organic framework nanostructure with well controllable procedure through ultrasound assisted reverse micelle method. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 234-251	8.9	55
58	An Electrochemical Sensor for Analysis of Food Red 17 in the Presence of Tartrazine in Food Products Amplified with CdO/rGO Nanocomposite and 1,3-Dipropylimidazolium Bromide. <i>Food Analytical Methods</i> , 2018 , 11, 646-653	3.4	10
57	Dispersive magnetic solid-phase extraction of phthalate esters from water samples and human plasma based on a nanosorbent composed of MIL-101(Cr) metal-organic framework and magnetite nanoparticles before their determination by GC-MS. <i>Journal of Separation Science</i> , 2018 , 41, 948-957	3.4	57
56	Ultrasound-assisted extraction of antimicrobial compounds from <i>Thymus daenensis</i> and <i>Silybum marianum</i> : Antimicrobial activity with and without the presence of natural silver nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2018 , 42, 76-83	8.9	19
55	Magnetic based nanocomposite sorbent combination with ultrasound assisted for solid-phase microextraction of Azure II in water samples prior to its determination spectrophotometric. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 240-250	9.3	51
54	A molecularly imprinted polymer coupled with high-performance liquid chromatography-UV for the determination of albendazole in plasma and urine samples: CCD-RSM design. <i>New Journal of Chemistry</i> , 2018 , 42, 15937-15945	3.6	6
53	Simple and selective detection of quercetin in extracts of plants and food samples by dispersive-micro-solid phase extraction based on core-shell magnetic molecularly imprinted polymers. <i>New Journal of Chemistry</i> , 2018 , 42, 16144-16153	3.6	57
52	Plackett-Burman design for screening of process components and their effects on production of lactase by newly isolated <i>Bacillus</i> sp. VUVD101 strain from Dairy effluent. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018 , 7, 543-546	2.2	7
51	Statistical evaluation of three kinds of sonochemically-prepared magnetic conductive polymer nanocomposites for ultrasound-assisted ligandless uptake of some deleterious metal ions in vegetable samples. <i>Journal of Molecular Liquids</i> , 2018 , 268, 867-874	6	8
50	Ultrasonic assisted magnetic dispersive solid phase microextraction for pre concentration of serotonin-norepinephrine reuptake inhibitor drugs. <i>Analytical Biochemistry</i> , 2018 , 551, 7-18	3.1	29
49	Analysis of Perfluorinated Compounds in Environmental Water Using Decyl-perfluorinated Magnetic Mesoporous Microspheres as Magnetic Solid-Phase Extraction Materials and Microwave-Assisted Derivatization Followed by Gas Chromatography-mass Spectrometry. <i>Journal of Chromatography B</i> , 2019 , 51, 255-261	1.4	6
48	Magnetic Molecularly Imprinted Polymer Combined with High-Performance Liquid Chromatography for the Selective Separation and Determination of Glutathione in Various Wild Edible Boletes. <i>Food Analytical Methods</i> , 2019 , 12, 2908-2919	3.4	4
47	Ultrasound combined with manganese-oxide nanoparticles loaded on activated carbon for extraction and pre-concentration of thymol and carvacrol in methanolic extracts of <i>Thymus daenensis</i> , <i>Salvia officinalis</i> , <i>Stachys pilifera</i> , <i>Satureja khuzistanica</i> , and <i>mentha</i> , and water samples. <i>Ultrasonics Sonochemistry</i> , 2019 , 44, 1000-1004	5	36
46	Effective determination of trace residues of glibenclamide in urine samples using dispersive micro solid-phase extraction and its final detection by chromatographic analysis. <i>Analytical Methods</i> , 2019 , 11, 627-634	3.2	11
45	Dispersive micro-solid phase extraction based on FeO@SiO@Ti-MOF as a magnetic nanocomposite sorbent for the trace analysis of caffeic acid in the medical extracts of plants and water samples prior to HPLC-UV analysis. <i>Analyst, The</i> , 2019 , 144, 4351-4361	5	50
44	Optimization of preparation method by W/O/W emulsion for entrapping metformin hydrochloride into poly (lactic acid) microparticles using Box-Behnken design. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 51, 419-429	4.5	9
43	Optimization of membrane modification using SiO for robust anti-fouling performance with calcium-humic acid feed in membrane distillation. <i>Environmental Research</i> , 2019 , 170, 374-382	7.9	13

42	Enhancing biomass production of <i>Dunaliella salina</i> via optimized combinational application of phytohormones. <i>Aquaculture</i> , 2019 , 503, 146-155	4.4	8
41	Preparation of thermo-sensitive surface ion-imprinted polymers based on multi-walled carbon nanotube composites for selective adsorption of lead(II) ion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 585, 124139	5.1	31
40	Fabrication of a cycloalkyl-monomer for on-line solid-phase extraction and determination of four polyphyllins in plasma. <i>Analytical Biochemistry</i> , 2020 , 591, 113555	3.1	0
39	Technological advancement in the synthesis and applications of lignin-based nanoparticles derived from agro-industrial waste residues: A review. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1828-1843	7.9	36
38	Magnetic dispersive micro-solid phase extraction merged with micro-sampling flame atomic absorption spectrometry using (Zn-Al LDH)-(PTh/DBSNa)-Fe ₃ O ₄ nanosorbent for effective trace determination of nickel(II) and cadmium(II) in food samples. <i>Microchemical Journal</i> , 2020 , 159, 105450	4.8	13
37	Rapid ultrasound-assisted microextraction of atorvastatin in the sample of blood plasma by nickel metal organic modified with alumina nanoparticles. <i>Journal of Separation Science</i> , 2020 , 43, 4469-4479	3.4	2
36	Removal of colloidal precipitation plugging with high-power ultrasound. <i>Ultrasonics Sonochemistry</i> , 2020 , 69, 105259	8.9	30
35	Hybrid Extraction of Oily Sludge by Tertiary Amines and Protonated Tertiary Amines. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2160-2166	2	3
34	Selective determination of closantel by artificial neural network-genetic algorithm optimized molecularly imprinted polypyrrole using UV-visible spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 243, 118779	4.4	4
33	A nano-platform for phenobarbital determination based on its inhibitory effect on the aggregation of silver nanoparticles/melamine system. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113891	6	3
32	New methodologies and equipment used in new-generation separation and preconcentration methods. 2020 , 149-206		
31	Green synthesis and environmental application of iron-based nanomaterials and nanocomposite: A review. <i>Chemosphere</i> , 2020 , 259, 127509	8.4	86
30	Modeling and optimization of ultrasound-assisted high performance adsorption of Basic Fuchsin by starch-capped zinc selenide nanoparticles/AC as a novel composite using response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2020 , 152, 913-921	7.9	20
29	Influence of ultrasonic amplitude, temperature, time and solvent concentration on bioactive compounds extraction from propolis. <i>Ultrasonics Sonochemistry</i> , 2020 , 64, 105021	8.9	34
28	Evaluating electrocoagulation pretreatment prior to reverse osmosis system for simultaneous scaling and colloidal fouling mitigation: Application of RSM in performance and cost optimization. <i>Journal of Water Process Engineering</i> , 2020 , 35, 101201	6.7	12
27	Ultrasonic-assisted recycling of Nile tilapia fish scale biowaste into low-cost nano-hydroxyapatite: Ultrasonic-assisted adsorption for Hg removal from aqueous solution followed by "turn-off" fluorescent sensor based on Hg-graphene quantum dots. <i>Ultrasonics Sonochemistry</i> , 2020 , 63, 104966	8.9	21
26	Ultrasound-assisted adsorption/desorption for the enrichment and purification of flavonoids from baobab (<i>Adansonia digitata</i>) fruit pulp. <i>Ultrasonics Sonochemistry</i> , 2020 , 65, 104980	8.9	20
25	Simple and sensitive determination of vitamin A and E in the milk and egg yolk samples by using dispersive solid phase extraction with newly synthesized polymeric material. <i>Journal of Food Composition and Analysis</i> , 2020 , 90, 103482	4.1	17

24	Au Quantum Dot/Nickel Tetraminophthalocyanine-Graphene Oxide-Based Photoelectrochemical Microsensor for Ultrasensitive Epinephrine Detection. <i>ACS Omega</i> , 2020 , 5, 8423-8431	3.9	11
23	Development of selective preconcentration/clean-up method for imidazolinone herbicides determination in natural water and rice samples by HPLC-PAD using an imazethapyr imprinted poly(vinylimidazole-TRIM). <i>Food Chemistry</i> , 2021 , 334, 127345	8.5	10
22	Optimal route for effective conversion of rubber seed oil to biodiesel with desired key fuel properties. <i>Journal of Cleaner Production</i> , 2021 , 280, 124563	10.3	3
21	Effect of ultrasonic irradiation power on sonochemical synthesis of gold nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2021 , 70, 105274	8.9	31
20	An alkaline dissolution-based method using tetramethylammonium hydroxide for metals determination in cow milk samples. <i>Food Chemistry</i> , 2021 , 334, 127559	8.5	3
19	Photoelectro-Fenton/photocatalytic process for decolorization of an organic compound by Ag: Cd-1,4-BDOAH ₂ nano-photocatalyst: Response surface modeling and central composite design optimization. <i>Journal of Molecular Liquids</i> , 2021 , 335, 113689	6	5
18	Integrated ozonation assisted electrocoagulation process for the removal of cyanide from steel industry wastewater. <i>Chemosphere</i> , 2021 , 263, 128370	8.4	28
17	Parametric optimization of wall-mounted cuboid rows installed in interdigitated flow channel of HT-PEM fuel cells. <i>Energy</i> , 2021 , 216, 119261	7.9	8
16	Treatment of steel plant generated biological oxidation treated (BOT) wastewater by hybrid process. <i>Separation and Purification Technology</i> , 2021 , 258, 118013	8.3	17
15	Natural bioactive compounds from fish. 2021 , 393-408		0
14	Production, purification, and process optimization of intracellular pigment from novel psychrotolerant <i>Paenibacillus</i> sp. BPW19. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 29, e00592	5.3	3
13	Development of derivatization/air-assisted liquid-liquid microextraction procedure for analyzing short-chain fatty acids; assessment of the analytes in fruit juice samples. <i>Separation Science Plus</i> , 2021 , 4, 240	1.1	0
12	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	5
11	Synthesis and characterisation of MCM-41@SiO ₂ -NH-pydc as a new nano mesoporous sorbent: application for the simultaneous preconcentration of cationic dyes previous spectrophotometric determination, using taguchi experimental design. <i>International Journal of Environmental Analytical Chemistry</i> , 1-19	1.8	2
10	Increased α -glucosidase production and its application in agroindustrial residue hydrolysis: A research based on experimental designs. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 30, e00618	5.3	4
9	Ultrasound assisted extraction of gallic acid from <i>Ficus auriculata</i> leaves using green solvent. <i>Food and Bioproducts Processing</i> , 2021 , 128, 1-11	4.9	13
8	Interpol review of controlled substances 2016-2019. <i>Forensic Science International (Online)</i> , 2020 , 2, 608-669	6.9	7
7	A new microextraction method for trace nickel determination in green tea samples: Solventless dispersion based dispersive liquid-liquid microextraction combined with slotted quartz tube- flame atomic absorption spectrophotometry. <i>Journal of Food Composition and Analysis</i> , 2020 , 94, 103623	4.1	5

6	Magnetic Cu: CuO-GO nanocomposite for efficient dispersive micro-solid phase extraction of polycyclic aromatic hydrocarbons from vegetable, fruit, and environmental water samples by liquid chromatographic determination. <i>Talanta</i> , 2020 , 218, 121131	6.2	34
5	Adoption of green methodology in industry for the synthesis of Sildenafil citrate & Celecoxib: A case study. <i>Materials Today: Proceedings</i> , 2022 ,	1.4	
4	Application of FeO@TbBd nanobeads in microextraction by packed sorbent (MEPS) for determination of BTEXs biomarkers by HPLC-UV in urine samples.. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022 , 1197, 123197	3.2	0
3	Clay Supported Zero Valent Iron Nanocomposites: Advancement in the Field of Green Catalyst for Abatement of Persistent Pollutant. <i>Energy, Environment, and Sustainability</i> , 2022 , 311-331	0.8	
2	QbD-Steered Systematic Development of Drug Delivery Nanoconstructs: Vital Precepts, Retrospect and Prospects. 2022 , 315-350		0
1	Synthesis Strategies and Electrochemical Research Progress of Nano/Microscale MetalOrganic Frameworks. 2200042		0