

Opas Bunkoed

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,016
citations

361045

20
h-index

433756

31
g-index

40
all docs

40
docs citations

40
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile optosensing protocol based on molecularly imprinted polymer coated on CdTe quantum dots for highly sensitive and selective amoxicillin detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 255-263.	4.0	108
2	Solâ€“gel based sensor for selective formaldehyde determination. <i>Analytica Chimica Acta</i> , 2010, 659, 251-257.	2.6	99
3	Hybrid monolith sorbent of polypyrrole-coated graphene oxide incorporated into a polyvinyl alcohol cryogel for extraction and enrichment of sulfonamides from water samples. <i>Analytica Chimica Acta</i> , 2017, 961, 59-66.	2.6	60
4	A nanocomposite optosensor containing carboxylic functionalized multiwall carbon nanotubes and quantum dots incorporated into a molecularly imprinted polymer for highly selective and sensitive detection of ciprofloxacin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 382-391.	2.0	54
5	Extraction of polycyclic aromatic hydrocarbons with a magnetic sorbent composed of alginate, magnetite nanoparticles and multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2015, 182, 1519-1526.	2.5	45
6	Nanocomposite optosensor of dual quantum dot fluorescence probes for simultaneous detection of cephalexin and ceftriaxone. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 689-697.	4.0	42
7	Solid-phase extraction based on MIL-101 adsorbent followed by gas chromatography tandem mass spectrometry for the analysis of multiclass organic UV filters in water. <i>Journal of Chromatography A</i> , 2020, 1610, 460564.	1.8	33
8	A nanocomposite optosensor of hydroxyapatite and graphene quantum dots embedded within highly specific polymer for norfloxacin detection. <i>Microchemical Journal</i> , 2020, 158, 105127.	2.3	32
9	A polypyrrole doped with fluorescent CdTe quantum dots and incorporated into molecularly imprinted silica for fluorometric determination of ampicillin. <i>Mikrochimica Acta</i> , 2019, 186, 338.	2.5	31
10	Mercaptopropionic acidâ€“capped CdTe quantum dots as fluorescence probe for the determination of salicylic acid in pharmaceutical products. <i>Luminescence</i> , 2015, 30, 1083-1089.	1.5	29
11	A selective determination of copper ions in water samples based on the fluorescence quenching of thiolâ€“capped CdTe quantum dots. <i>Luminescence</i> , 2016, 31, 515-522.	1.5	29
12	A nanocomposite probe of graphene quantum dots and magnetite nanoparticles embedded in a selective polymer for the enrichment and detection of ceftazidime. <i>Talanta</i> , 2020, 218, 121168.	2.9	29
13	Hierarchical porous nanostructured polypyrrole-coated hydrogel beads containing reduced graphene oxide and magnetite nanoparticles for extraction of phthalates in bottled drinks. <i>Journal of Chromatography A</i> , 2018, 1570, 19-27.	1.8	28
14	A nanosorbent consisting of a magnetic molecularly imprinted polymer and graphene oxide for multi-residue analysis of cephalosporins. <i>Mikrochimica Acta</i> , 2019, 186, 822.	2.5	28
15	A hybrid molecularly imprinted polymer coated quantum dot nanocomposite optosensor for highly sensitive and selective determination of salbutamol in animal feeds and meat samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4697-4707.	1.9	24
16	A nanocomposite fluorescent probe of polyaniline, graphene oxide and quantum dots incorporated into highly selective polymer for lomefloxacin detection. <i>Talanta</i> , 2019, 203, 261-268.	2.9	24
17	Development of doubly porous composite adsorbent for the extraction of fluoroquinolones from food samples. <i>Food Chemistry</i> , 2020, 309, 125685.	4.2	23
18	Polypyrrole/silica/magnetite nanoparticles as a sorbent for the extraction of sulfonamides from water samples. <i>Journal of Separation Science</i> , 2015, 38, 3921-3927.	1.3	22

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19	A nanocomposite probe of polydopamine/molecularly imprinted polymer/quantum dots for trace sarafloxacin detection in chicken meat. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6081-6090.	1.9	22
20	A hierarchically porous composite monolith polypyrrole/octadecyl silica/graphene oxide/chitosan cryogel sorbent for the extraction and pre-concentration of carbamate pesticides in fruit juices. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7185-7193.	1.9	21
21	Polypyrrole-coated alginate/magnetite nanoparticles composite sorbent for the extraction of endocrine-disrupting compounds. <i>Journal of Separation Science</i> , 2016, 39, 3602-3609.	1.3	20
22	Dispersive magnetic solid phase extraction using octadecyl coated silica magnetite nanoparticles for the extraction of tetracyclines in water samples. <i>Journal of Analytical Chemistry</i> , 2017, 72, 957-965.	0.4	19
23	A miniaturized solid-phase extraction adsorbent of calix[4]arene-functionalized graphene oxide/polydopamine-coated cellulose acetate for the analysis of aflatoxins in corn. <i>Journal of Separation Science</i> , 2018, 41, 3892-3901.	1.3	17
24	Solvent-assisted dispersive liquid-solid phase extraction of organophosphorus pesticides using a polypyrrole thin film-coated porous composite magnetic sorbent prior to their determination with GC-MS/MS. <i>Mikrochimica Acta</i> , 2020, 187, 677.	2.5	17
25	An optosensor based on a hybrid sensing probe of mesoporous carbon and quantum dots embedded in imprinted polymer for ultrasensitive detection of thiamphenicol in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120324.	2.0	17
26	Polyaniline-coated magnetite nanoparticles incorporated in alginate beads for the extraction and enrichment of polycyclic aromatic hydrocarbons in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 145-158.	1.8	16
27	Nanohybrid magnetic composite optosensing probes for the enrichment and ultra-trace detection of mafenide and sulfisoxazole. <i>Talanta</i> , 2021, 228, 122237.	2.9	16
28	Environmentally friendly etching of stainless steel wire for plunger-in-needle liquid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2019, 197, 465-471.	2.9	12
29	A nanocomposite adsorbent of metallic copper, polypyrrole, halloysite nanotubes and magnetite nanoparticles for the extraction and enrichment of sulfonamides in milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1180, 122900.	1.2	11
30	A simple and high collection efficiency sampling method for monitoring of carbonyl compounds in a workplace environment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 167-175.	0.9	10
31	Polyaniline-coated cigarette filters as a solid-phase extraction sorbent for the extraction and enrichment of polycyclic aromatic hydrocarbon in water samples. <i>Journal of Separation Science</i> , 2016, 39, 2332-2339.	1.3	10
32	Nano-optosensor based on titanium dioxide and graphene quantum dots composited with specific polymer for cefazolin detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113715.	1.4	10
33	In-syringe solid-phase extraction of polycyclic aromatic hydrocarbons using an iron-carboxylate metal-organic framework and hypercrosslinked polymer composite gelatin cryogel-modified cellulose acetate adsorbent. <i>Mikrochimica Acta</i> , 2022, 189, 164.	2.5	10
34	New sulfonate composite functionalized with multiwalled carbon nanotubes with cryogel solid-phase extraction sorbent for the determination of β -agonists in animal feeds. <i>Journal of Separation Science</i> , 2015, 38, 1951-1958.	1.3	9
35	A nanohybrid magnetic sensing probe for levofloxacin determination integrates porous graphene, selective polymer and graphene quantum dots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114316.	1.4	9
36	A nanocomposite optosensing probe based on hierarchical porous carbon and graphene quantum dots incorporated in selective polymer for the detection of trace ofloxacin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127376.	2.3	9

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37	A hierarchical porous composite magnetic sorbent of reduced graphene oxide embedded in polyvinyl alcohol cryogel for solvent-assisted solid phase extraction of polycyclic aromatic hydrocarbons. <i>Journal of Separation Science</i> , 2022, 45, 1774-1783.	1.3	7
38	A dumbbell-shaped stir bar made from poly(3,4-ethylenedioxythiophene)-coated porous cryogel incorporating metal organic frameworks for the extraction of synthetic phenolic antioxidants in foodstuffs. <i>Journal of Chromatography A</i> , 2021, 1655, 462497.	1.8	6
39	A magnetic nanocomposite optosensing probe based on porous graphene, selective polymer and quantum dots for the detection of cefoperazone in milk. <i>Microchemical Journal</i> , 2021, 171, 106838.	2.3	5
40	Evaluation of cost-effective sol-gel-based sensor for monitoring of formaldehyde in workplace environment and cancer risk assessment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 263-272.	0.9	3