Opas Bunkoed

List of Publications by Year
in descending order

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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	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120324.	2.0	17
2	A hierarchical porous composite magnetic sorbent of reduced graphene oxide embedded in polyvinyl alcohol cryogel for solventâ€assistedâ€solid phase extraction of polycyclic aromatic hydrocarbons. Journal of Separation Science, 2022, 45, 1774-1783.	1.3	7
3	In-syringe solid-phase extraction of polycyclic aromatic hydrocarbons using an ironâ€“carboxylate metalâ€“organic framework and hypercrosslinked polymer composite gelatin cryogelâ€“modified cellulose acetate adsorbent. Mikrochimica Acta, 2022, 189, 164.	2.5	10
4	Nano-optosensor based on titanium dioxide and graphene quantum dots composited with specific polymer for cefazolin detection. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113715.	1.4	10
5	Nanohybrid magnetic composite optosensing probes for the enrichment and ultra-trace detection of mafenide and sulfisoxazole. Talanta, 2021, 228, 122237.	2.9	16
6	A nanocomposite adsorbent of metallic copper, polypyrrole, halloysite nanotubes and magnetite nanoparticles for the extraction and enrichment of sulfonamides in milk. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1180, 122900.	1.2	11
7	A nanohybrid magnetic sensing probe for levofloxacin determination integrates porous graphene, selective polymer and graphene quantum dots. Journal of Pharmaceutical and Biomedical Analysis, 2021, 205, 114316.	1.4	9
8	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. Journal of Chromatography A, 2021, 1655, 462497.	1.8	6
9	A nanocomposite optosensing probe based on hierarchical porous carbon and graphene quantum dots incorporated in selective polymer for the detection of trace ofloxacin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 628, 127376.	2.3	9
10	A magnetic nanocomposite optosensing probe based on porous graphene, selective polymer and quantum dots for the detection of cefoperazone in milk. Microchemical Journal, 2021, 171, 106838.	2.3	5
11	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. Journal of Chromatography A, 2020, 1610, 460564.	1.8	33
12	Development of doubly porous composite adsorbent for the extraction of fluoroquinolones from food samples. Food Chemistry, 2020, 309, 125685.	4.2	23
13	Solvent-assisted dispersive liquid-solid phase extraction of organophosphorus pesticides using a polypyrrole thin filmâ€“coated porous composite magnetic sorbent prior to their determination with GC-MS/MS. Mikrochimica Acta, 2020, 187, 677.	2.5	17
14	A nanocomposite probe of graphene quantum dots and magnetite nanoparticles embedded in a selective polymer for the enrichment and detection of ceftazidime. Talanta, 2020, 218, 121168.	2.9	29
15	A nanocomposite optosensor of hydroxyapatite and graphene quantum dots embedded within highly specific polymer for norfloxacin detection. Microchemical Journal, 2020, 158, 105127.	2.3	32
16	A nanocomposite probe of polydopamine/molecularly imprinted polymer/quantum dots for trace sarafloxacin detection in chicken meat. Analytical and Bioanalytical Chemistry, 2019, 411, 6081-6090.	1.9	22
17	A nanocomposite fluorescent probe of polyaniline, graphene oxide and quantum dots incorporated into highly selective polymer for lomefloxacin detection. Talanta, 2019, 203, 261-268.	2.9	24
18	A polypyrrole doped with fluorescent CdTe quantum dots and incorporated into molecularly imprinted silica for fluorometric determination of ampicillin. Mikrochimica Acta, 2019, 186, 338.	2.5	31

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19	A nanosorbent consisting of a magnetic molecularly imprinted polymer and graphene oxide for multi-residue analysis of cephalosporins. Mikrochimica Acta, 2019, 186, 822.	2.5	28
20	Environmentally friendly etching of stainless steel wire for plunger-in-needle liquid-phase microextraction of polycyclic aromatic hydrocarbons. Talanta, 2019, 197, 465-471.	2.9	12
21	Nanocomposite optosensor of dual quantum dot fluorescence probes for simultaneous detection of cephalexin and ceftriaxone. Sensors and Actuators B: Chemical, 2019, 281, 689-697.	4.0	42
22	A facile optosensing protocol based on molecularly imprinted polymer coated on CdTe quantum dots for highly sensitive and selective amoxicillin detection. Sensors and Actuators B: Chemical, 2018, 254, 255-263.	4.0	108
23	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. Analytical and Bioanalytical Chemistry, 2018, 410, 7185-7193.	1.9	21
24	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 382-391.	2.0	54
25	Hierarchical porous nanostructured polypyrrole-coated hydrogel beads containing reduced graphene oxide and magnetite nanoparticles for extraction of phthalates in bottled drinks. Journal of Chromatography A, 2018, 1570, 19-27.	1.8	28
26	A miniaturized solidâ€phase extraction adsorbent of calix[4]areneâ€functionalized graphene oxide/polydopamineâ€coated cellulose acetate for the analysis of aflatoxins in corn. Journal of Separation Science, 2018, 41, 3892-3901.	1.3	17
27	Polyaniline-coated magnetite nanoparticles incorporated in alginate beads for the extraction and enrichment of polycyclic aromatic hydrocarbons in water samples. International Journal of Environmental Analytical Chemistry, 2017, 97, 145-158.	1.8	16
28	Hybrid monolith sorbent of polypyrrole-coated graphene oxide incorporated into a polyvinyl alcohol cryogel for extraction and enrichment of sulfonamides from water samples. Analytica Chimica Acta, 2017, 961, 59-66.	2.6	60
29	A hybrid molecularly imprinted polymer coated quantum dot nanocomposite optosensor for highly sensitive and selective determination of salbutamol in animal feeds and meat samples. Analytical and Bioanalytical Chemistry, 2017, 409, 4697-4707.	1.9	24
30	Dispersive magnetic solid phase extraction using octadecyl coated silica magnetite nanoparticles for the extraction of tetracyclines in water samples. Journal of Analytical Chemistry, 2017, 72, 957-965.	0.4	19
31	A selective determination of copper ions in water samples based on the fluorescence quenching of thiolâ€capped CdTe quantum dots. Luminescence, 2016, 31, 515-522.	1.5	29
32	Polypyrroleâ€coated alginate/magnetite nanoparticles composite sorbent for the extraction of endocrineâ€disrupting compounds. Journal of Separation Science, 2016, 39, 3602-3609.	1.3	20
33	Polyanilineâ€coated cigarette filters as a solidâ€phase extraction sorbent for the extraction and enrichment of polycyclic aromatic hydrocarbon in water samples. Journal of Separation Science, 2016, 39, 2332-2339.	1.3	10
34	Polypyrrole/silica/magnetite nanoparticles as a sorbent for the extraction of sulfonamides from water samples. Journal of Separation Science, 2015, 38, 3921-3927.	1.3	22
35	Mercaptopropionic acidâ€“capped CdTe quantum dots as fluorescence probe for the determination of salicylic acid in pharmaceutical products. Luminescence, 2015, 30, 1083-1089.	1.5	29
36	New sulfonate composite functionalized with multiwalled carbon nanotubes with cryogel solid-phase extraction sorbent for the determination of Î²-agonists in animal feeds. Journal of Separation Science, 2015, 38, 1951-1958.	1.3	9

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37	Extraction of polycyclic aromatic hydrocarbons with a magnetic sorbent composed of alginate, magnetite nanoparticles and multiwalled carbon nanotubes. Mikrochimica Acta, 2015, 182, 1519-1526.	2.5	45
38	Evaluation of cost-effective sol-gel-based sensor for monitoring of formaldehyde in workplace environment and cancer risk assessment. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 263-272.	0.9	3
39	A simple and high collection efficiency sampling method for monitoring of carbonyl compounds in a workplace environment. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 167-175.	0.9	10
40	Solâ€“gel based sensor for selective formaldehyde determination. Analytica Chimica Acta, 2010, 659, 251-257.	2.6	99