

Chongdee Thammakhet

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,112
citations

393982

19
h-index

414034

32
g-index

50
all docs

50
docs citations

50
times ranked

1613
citing authors

#	ARTICLE	IF	CITATIONS
1	A copper nanoclusters probe for dual detection of microalbumin and creatinine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120816.	2.0	13
2	A simple gelatin aerogel tablet sorbent for the effective vortex assisted solid phase extraction of polycyclic aromatic hydrocarbons from tea samples. <i>Food Chemistry</i> , 2022, 383, 132388.	4.2	6
3	A stir bar sorptive extraction device coupled with a gas chromatography flame ionization detector for the determination of abused prescription drugs in lean cocktail samples. <i>Analytical Methods</i> , 2022, 14, 2557-2568.	1.3	1
4	Magnetic microsphere sorbent on CaCO ₃ templates: Simple synthesis and efficient extraction of trace carbamate pesticides in fresh produce. <i>Food Chemistry</i> , 2021, 342, 128336.	4.2	7
5	A miniature stainless steel net dumbbell-shaped stir-bar for the extraction of phthalate esters in instant noodle and rice soup samples. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 60-68.	0.7	10
6	A nanobiosensor for the simple detection of small molecules using non-crosslinking aggregation of gold nanoparticles with G-quadruplexes. <i>Analytical Methods</i> , 2020, 12, 230-238.	1.3	5
7	A novel 3D-printed solid phase microextraction device equipped with silver-polyaniline coated pencil lead for the extraction of phthalate esters in cosmeceutical products. <i>Analytica Chimica Acta</i> , 2019, 1091, 30-39.	2.6	29
8	A stir foam composed of graphene oxide, poly(ethylene glycol) and natural latex for the extraction of preservatives and antioxidant. <i>Mikrochimica Acta</i> , 2018, 185, 148.	2.5	14
9	A miniaturized monolith-MWCNTs-COOH multi-stir-rod microextractor device for trace parabens determination in cosmetic and personal care products. <i>Talanta</i> , 2018, 184, 429-436.	2.9	21
10	A preconcentrator-separator two-in-one online system for polycyclic aromatic hydrocarbons analysis. <i>Talanta</i> , 2017, 167, 573-582.	2.9	11
11	A polypyrrole-chitosan cryogel stir-bead micro-solid phase extractor for the determination of phthalate esters in contact lenses storage solutions and in artificial saliva in contact with baby teethers. <i>Analytica Chimica Acta</i> , 2017, 985, 69-78.	2.6	32
12	A scanner-based colorimetric mercuric ion detection using Tween-20-stabilized AuNPs solution in 96-well plates. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 1082-1088.	0.9	2
13	Photosynthetic activity and photoprotection in green and red leaves of the seagrasses, <i>Halophila ovalis</i> and <i>Cymodocea rotundata</i> : implications for the photoprotective role of anthocyanin. <i>Marine Biology</i> , 2017, 164, 1.	0.7	14
14	Multiwalled carbon nanotubes/poly(vinyl alcohol) composite cryogel used in microcolumn liquid chromatography to separate various herbicides. <i>Analytical Methods</i> , 2016, 8, 3975-3981.	1.3	5
15	A FRET based aptasensor coupled with non-enzymatic signal amplification for mercury (II) ion detection. <i>Talanta</i> , 2016, 155, 305-313.	2.9	16
16	Distributions of SO ₂ and NO ₂ in the lower atmosphere of an industrial area in Bhutan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1278-1287.	0.9	1
17	An application of optical coherence tomography and a smart polymer gel to construct an enzyme-free sugar sensor. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	1.1	5
18	Sampling of BTX in Hat Yai city using cost effective laboratory-built PCB passive sampler. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 861-869.	0.9	5

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19	4-mercaptophenylboronic acid functionalized gold nanoparticles for colorimetric sialic acid detection. <i>Biosensors and Bioelectronics</i> , 2016, 85, 743-750.	5.3	80
20	A novel miniaturized zinc oxide/hydroxylated multiwalled carbon nanotubes as a stir-brush microextractor device for carbamate pesticides analysis. <i>Analytica Chimica Acta</i> , 2016, 917, 27-36.	2.6	18
21	5-Aminofluorescein doped polyvinyl alcohol film for the detection of formaldehyde in vegetables and seafood. <i>Analytical Methods</i> , 2016, 8, 1249-1256.	1.3	19
22	One-step preparation of porous copper nanowires electrode for highly sensitive and stable amperometric detection of glyphosate. <i>Chemical Papers</i> , 2015, 69, .	1.0	10
23	Development of magnetic micro-solid phase extraction for analysis of phthalate esters in packaged food. <i>Food Chemistry</i> , 2015, 166, 275-282.	4.2	67
24	A novel microextractor stick (polyaniline/zinc film/stainless steel) for polycyclic aromatic hydrocarbons in water. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 882-891.	0.9	5
25	Novel pipette-tip graphene/poly (vinyl alcohol) cryogel composite extractor for the analysis of carbofuran and carbaryl in water. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 713-721.	0.7	8
26	Online in-tube microextractor coupled with UV-Vis spectrophotometer for bisphenol A detection. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 242-250.	0.9	15
27	Novel template-assisted fabrication of porous gold nanowire arrays using a conductive-layer-free anodic alumina oxide membrane. <i>Electrochimica Acta</i> , 2013, 102, 342-350.	2.6	12
28	Novel fabricated silver particles/polypyrrole printed circuit board passive samplers for volatile organic compounds monitoring. <i>Microchemical Journal</i> , 2013, 108, 180-187.	2.3	4
29	A highly stable oxygen-independent glucose biosensor based on a chitosan-albumin cryogel incorporated with carbon nanotubes and ferrocene. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 725-734.	4.0	82
30	Online microchannel preconcentrator for carbofuran detection. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013, 48, 893-905.	0.7	1
31	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
32	Cauliflower polyaniline/multiwalled carbon nanotube electrode and its applications to hydrogen peroxide and glucose detection*. <i>Pure and Applied Chemistry</i> , 2012, 84, 2055-2063.	0.9	6
33	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
34	Amperometric sensor for detection of bisphenol A using a pencil graphite electrode modified with polyaniline nanorods and multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2012, 176, 91-99.	2.5	81
35	Custom-Made C ₁₈ Column for Simultaneous Determination of Endocrine Disrupting Substances in Water by Diode-Array and Fluorescence Detectors. <i>Analytical Letters</i> , 2011, 44, 787-799.	1.0	3
36	Development of an on-column affinity smart polymer gel glucose sensor. <i>Analytica Chimica Acta</i> , 2011, 695, 105-112.	2.6	16

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37	A new polyethylene glycol fiber prepared by coating porous zinc electrodeposited onto silver for solid-phase microextraction of styrene. <i>Analytica Chimica Acta</i> , 2010, 664, 49-55.	2.6	44
38	Affinity sensor using 3-aminophenylboronic acid for bacteria detection. <i>Biosensors and Bioelectronics</i> , 2010, 26, 357-364.	5.3	44
39	Multiwalled carbon nanotubes/cryogel composite, a new sorbent for determination of trace polycyclic aromatic hydrocarbons. <i>Microchemical Journal</i> , 2010, 96, 317-323.	2.3	64
40	Integrated explosive preconcentrator and electrochemical detection system for 2,4,6-trinitrotoluene (TNT) vapor. <i>Analytica Chimica Acta</i> , 2010, 661, 117-121.	2.6	56
41	Disposable Electrodes for Capacitive Immunosensor. <i>Electroanalysis</i> , 2009, 21, 1066-1074.	1.5	24
42	Fabrication of Nanoporous Copper Film for Electrochemical Detection of Glucose. <i>Electroanalysis</i> , 2009, 21, 2371-2377.	1.5	58
43	High-Temperature Potentiometry: Modulated Response of Ion-Selective Electrodes During Heat Pulses. <i>Analytical Chemistry</i> , 2009, 81, 10290-10294.	3.2	18
44	Potentiometric Detection of DNA Hybridization using Enzyme-Induced Metallization and a Silver Ion Selective Electrode. <i>Analytical Chemistry</i> , 2009, 81, 10007-10012.	3.2	53
45	Thin semitransparent gels containing phenylboronic acid: porosity, optical response and permeability for sugars. <i>Journal of Molecular Recognition</i> , 2008, 21, 89-95.	1.1	16
46	Optical responses, permeability and diol-specific reactivity of thin polyacrylamide gels containing immobilized phenylboronic acid. <i>Polymer</i> , 2008, 49, 1444-1454.	1.8	33
47	Microfluidic conductimetric bioreactor. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3064-3071.	5.3	21
48	Cost effective passive sampling device for volatile organic compounds monitoring. <i>Atmospheric Environment</i> , 2006, 40, 4589-4596.	1.9	19
49	Microtrap modulated flame ionization detector for on-line monitoring of methane. <i>Journal of Chromatography A</i> , 2005, 1072, 243-248.	1.8	24