

# Vinoth Kumar Ponnusamy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

2,465  
citations

28  
h-index

45  
g-index

127  
ext. papers

3,466  
ext. citations

5.7  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
121	Production and utilization of pyrolysis oil from solid plastic wastes: A review on pyrolysis process and influence of reactors design. <i>Journal of Environmental Management</i> , <b>2022</b> , 302, 114046	7.9	4
120	Titanium dioxide and other nanomaterials based antimicrobial additives in functional paints and coatings: Review. <i>Progress in Organic Coatings</i> , <b>2022</b> , 163, 106660	4.8	6
119	Nanotechnology-assisted production of value-added biopotent energy-yielding products from lignocellulosic biomass refinery - A review. <i>Bioresource Technology</i> , <b>2022</b> , 344, 126171	11	3
118	Rapid in-syringe-based ultrasonic-energy assisted salt-enhanced homogeneous liquid-liquid microextraction technique coupled with HPLC/low-temperature evaporative light-scattering detector for quantification of sodium hyaluronate in food products. <i>Microchemical Journal</i> , <b>2022</b> , 172, 106898	4.8	0
117	Role of nanomaterials in deactivating multiple drug resistance efflux pumps - A review. <i>Environmental Research</i> , <b>2022</b> , 204, 111968	7.9	5
116	Rapid green analytical methodology for simultaneous biomonitoring of five toxic areca nut alkaloids using UHPLC-MS/MS for predicting health hazardous risks. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 422, 126923	12.8	3
115	Higher Serum DHA and Slower Cognitive Decline in Patients with Alzheimer's Disease: Two-Year Follow-Up.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	2
114	Porous graphene oxide based disposable non-enzymatic electrochemical sensor for the determination of nicotinamide adenine dinucleotide. <i>Micro and Nano Engineering</i> , <b>2022</b> , 15, 100133	3.4	1
113	Novel biomass-derived porous-graphitic carbon coated iron oxide nanocomposite as an efficient electrocatalyst for the sensitive detection of rutin (vitamin P) in aqueous samples.. <i>Environmental Research</i> , <b>2022</b> , 113012	7.9	2
112	LC-MS/MS measurement of alkaloids in alkaline extracts of Areca nut preparations and their physiological effects. <i>Process Biochemistry</i> , <b>2022</b> , 118, 65-73	4.8	0
111	Green Coalescence of CuO Nanospheres for Efficient Anti-Microbial and Anti-Cancer Conceivable Activity. <i>Biochemical Engineering Journal</i> , <b>2022</b> , 108464	4.2	0
110	Easy fabrication of a novel electro-spun PVDF-g-C <sub>3</sub> N <sub>4</sub> -Pd nanocomposite material as improved anode electrocatalyst for direct alcohol fuel cell. <i>Fuel</i> , <b>2022</b> , 324, 124496	7.1	2
109	Facile electrochemical fabrication of Nickel-Coated Polydiphenylamine (Ni/PDPA) nanocomposite material as efficient anode catalyst for direct alcohol fuel cell application. <i>Fuel</i> , <b>2022</b> , 324, 124424	7.1	0
108	Novel delipidated chicken feather waste-derived carbon-based molybdenum oxide nanocomposite as efficient electrocatalyst for rapid detection of hydroquinone and catechol in environmental waters. <i>Environmental Pollution</i> , <b>2021</b> , 293, 118556	9.3	3
107	Lignin valorisation via enzymes: A sustainable approach. <i>Fuel</i> , <b>2021</b> , 122608	7.1	11
106	Microwave-assisted green synthesis of multi-functional carbon quantum dots as efficient fluorescence sensor for ultra-trace level monitoring of ammonia in environmental water.. <i>Environmental Research</i> , <b>2021</b> , 206, 112589	7.9	4
105	Green sample pre-treatment technique coupled with UHPLC-MS/MS for the rapid biomonitoring of dietary poly-unsaturated (omega) fatty acids to predict health risks. <i>Chemosphere</i> , <b>2021</b> , 291, 132685	8.4	1

104	Rapid determination of remdesivir (SARS-CoV-2 drug) in human plasma for therapeutic drug monitoring in COVID-19-Patients. <i>Process Biochemistry</i> , <b>2021</b> , 102, 150-156	4.8	11
103	Phytochemicals intended for anticancer effects at preclinical levels to clinical practice: Assessment of formulations at nanoscale for non-small cell lung cancer (NSCLC) therapy. <i>Process Biochemistry</i> , <b>2021</b> , 104, 55-75	4.8	3
102	Novel recombinant keratin degrading subtilisin like serine alkaline protease from <i>Bacillus cereus</i> isolated from marine hydrothermal vent crabs. <i>Scientific Reports</i> , <b>2021</b> , 11, 12007	4.9	5
101	Green synthesis of lignin nanorods/g-CN nanocomposite materials for efficient photocatalytic degradation of triclosan in environmental water. <i>Chemosphere</i> , <b>2021</b> , 272, 129801	8.4	6
100	Synthesis of high polydispersity index polylactic acid and its application as gel electrolyte towards fabrication of dye-sensitized solar cells. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	6
99	Bioethanol production from coconut pulp residue using hydrothermal and postalkaline pretreatment. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 8140-8150	4.5	6
98	Improved cyclic retention and high-performance supercapacitive behavior of poly(diphenylamine-co-aniline)/phosphotungstic acid nanohybrid electrode. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 8180-8188	4.5	4
97	Phosphotungstic acid-Titania loaded polyaniline nanocomposite as efficient methanol electro-oxidation catalyst in fuel cells. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 8243-8254	4.5	8
96	Catalytic hydrothermal liquefaction of biomass into bio-oils and other value-added products <b>IA</b> review. <i>Fuel</i> , <b>2021</b> , 285, 119053	7.1	35
95	Graphene oxide as broadband hyperthermic agent and chemo-photothermal dissolution of kidney-stone mimicking calcium oxalate crystals. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 405, 112917	4.7	2
94	Effective removal of cationic methylene blue dye using nano-hydroxyapatite synthesized from fish scale bio-waste. <i>International Journal of Applied Ceramic Technology</i> , <b>2021</b> , 18, 902-912	2	4
93	Low-cost disposable Poly(ethyleneimine)-Functionalized Carbon Nanofibers Coated Cellulose Paper as efficient solid phase extraction sorbent material for the extraction of Parahydroxybenzoates from environmental waters. <i>Chemosphere</i> , <b>2021</b> , 267, 129274	8.4	12
92	Rare earth metal oxide-doped reduced graphene-oxide nanocomposite as binder-free hybrid electrode material for supercapacitor application. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 8255-8266	4.5	5
91	Novel semi-automated graphene nanosheets based pipette-tip assisted micro-solid phase extraction as eco-friendly technique for the rapid detection of emerging environmental pollutant in waters. <i>Chemosphere</i> , <b>2021</b> , 276, 130031	8.4	5
90	Electronic waste generation, recycling and resource recovery: Technological perspectives and trends. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125664	12.8	31
89	Novel nano-engineered environmental sensor based on polymelamine/graphitic-carbon nitride nanohybrid material for sensitive and simultaneous monitoring of toxic heavy metals. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 418, 126267	12.8	11
88	Rapid Efficient Degradation Pathway of Tetracycline and Pb (II) Reduction Mechanism by a Novel Nanocomposite Heterojunction Photocatalysts. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 892, 162015	5.7	7
87	A novel electrodeposited poly(melamine)-palladium nanohybrid catalyst on GCE: Prosperous multi-functional electrode towards methanol and ethanol oxidation. <i>Fuel</i> , <b>2021</b> , 300, 121005	7.1	6

86	Facile synthesis of polyaniline/titanium carbide (MXene) nanosheets/palladium nanocomposite for efficient electrocatalytic oxidation of methanol for fuel cell application. <i>Fuel</i> , <b>2021</b> , 303, 121329	7.1	3
85	A green and economical approach to derive nanostructured hydroxyapatite from Garra mullya fish scale waste for biocompatible energy storage applications. <i>Materials Letters</i> , <b>2021</b> , 302, 130341	3.3	0
84	Platinum nanoparticles/phosphotungstic acid nanorods anchored poly(diphenylamine) nano hybrid coated electrode as a superior electro-catalyst for oxidation of methanol. <i>Progress in Organic Coatings</i> , <b>2021</b> , 161, 106470	4.8	0
83	Rapid simultaneous clinical monitoring of five oral anti-coagulant drugs in human urine using green microextraction technique coupled with LCMS/MS. <i>Journal of King Saud University - Science</i> , <b>2021</b> , 33, 101602	3.6	2
82	Novel palladium-decorated molybdenum carbide/polyaniline nano hybrid material as superior electrocatalyst for fuel cell application. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> ,	6.7	1
81	Structural and size dependence magnetic properties of Mn-doped NiO nanoparticles prepared by wet chemical method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 11101-11112	2.1	4
80	Effect of hydrogen and multiwall carbon nanotubes blends on combustion performance and emission of diesel engine using Taguchi approach. <i>Fuel</i> , <b>2020</b> , 276, 118120	7.1	46
79	Impact of additives in Jet-A fuel blends on combustion, emission and exergetic analysis using a micro-gas turbine engine. <i>Fuel</i> , <b>2020</b> , 276, 118104	7.1	42
78	Bioethanol production from the comparison between optimization of sorghum stalk and sugarcane leaf for sugar production by chemical pretreatment and enzymatic degradation. <i>Fuel</i> , <b>2020</b> , 278, 118262	7.1	37
77	Novel PDPA-SiO <sub>2</sub> nanosphericals network decorated graphene nanosheets composite coated FTO electrode for efficient electro-oxidation of methanol. <i>Fuel</i> , <b>2020</b> , 279, 118439	7.1	13
76	Ni <sub>2</sub> NiO nanocomposites assembled under various morphologies like columnar, nanochains, and granular structure for removal of pollutants. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 252, 123299	4.4	3
75	Ultra-high sensitive, selective, non-enzymatic dopamine sensor based on electrochemically active graphene decorated Polydiphenylamine-SiO <sub>2</sub> nano hybrid composite. <i>Ceramics International</i> , <b>2020</b> , 46, 23276-23281	5.1	19
74	Agaricus bisporus mediated biosynthesis of copper nanoparticles and its biological effects: An in-vitro study. <i>Colloids and Interface Science Communications</i> , <b>2020</b> , 35, 100254	5.4	21
73	Liquid hot water extraction as a chemical-free pretreatment approach for biobutanol production from Cassia fistula pods. <i>Fuel</i> , <b>2020</b> , 279, 118393	7.1	13
72	Nitrogen-fixing cyanobacteria as a potential resource for efficient biodiesel production. <i>Fuel</i> , <b>2020</b> , 279, 118440	7.1	9
71	Effect of anti microbial and fluorescence on L-Alaninium maleate (LAM) macro and nano crystals. <i>Materials Today: Proceedings</i> , <b>2020</b> , 33, 2779-2781	1.4	0
70	Silver nanoparticles in dye effluent treatment: A review on synthesis, treatment methods, mechanisms, photocatalytic degradation, toxic effects and mitigation of toxicity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 205, 111823	6.7	110
69	The optimization of oil extraction from macroalgae, Rhizoclonium sp. by chemical methods for efficient conversion into biodiesel. <i>Fuel</i> , <b>2020</b> , 274, 117841	7.1	55

68	Development and Characterization of Polydiphenylamine/CuO Nanohybrid Electrode and Its Improved Electrochemical Properties. <i>Sensor Letters</i> , <b>2020</b> , 18, 5-11	0.9	7
67	Poly(diphenylamine) and its Nanohybrids for Chemicals and Biomolecules Analysis: A Review. <i>Current Analytical Chemistry</i> , <b>2020</b> , 17,	1.7	2
66	Novel Salt-Assisted Liquid-Liquid Microextraction Technique for Environmental, Food, and Biological Samples Analysis Applications: A Review. <i>Current Analytical Chemistry</i> , <b>2020</b> , 17,	1.7	2
65	Catalytic transformation of non-edible oils to biofuels through hydrodeoxygenation using Mo-Ni/mesoporous alumina-silica catalysts. <i>Fuel</i> , <b>2020</b> , 262, 116494	7.1	20
64	Rapid and sensitive analytical procedure for biomonitoring of organophosphate pesticide metabolites in human urine samples using a vortex-assisted salt-induced liquid-liquid microextraction technique coupled with ultra-high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34 Suppl 1, e8565	2.2	3
63	Discarded biodiesel waste-derived lignocellulosic biomass as effective biosorbent for removal of sulfamethoxazole drug. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17619-17630	5.1	4
62	Effect of nanoparticles and hydrogen on combustion performance and exhaust emission of corn blended biodiesel in compression ignition engine with advanced timing. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 3327-3339	6.7	43
61	Metabolomics integrated with transcriptomics and proteomics: Evaluation of systems reaction to nitrogen deficiency stress in microalgae. <i>Process Biochemistry</i> , <b>2020</b> , 91, 1-14	4.8	19
60	Various potential techniques to reduce the water footprint of microalgal biomass production for biofuel-A review. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 142218	10.2	19
59	A systematic review on recent trends in transmission, diagnosis, prevention and imaging features of COVID-19. <i>Process Biochemistry</i> , <b>2020</b> , 98, 233-240	4.8	65
58	Green synthesis of silver nanoparticles using aqueous rhizome extract of and : In-vitro anti-cancer potential on human colon carcinoma HT-29 cells. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 2980-2986		29
57	Diapolycopenedioic-acid-diglucosyl ester and keto-myxocoxanthin glucoside ester: Novel carotenoids derived from <i>Exiguobacterium acetylicum</i> S01 and evaluation of their anticancer and anti-inflammatory activities. <i>Bioorganic Chemistry</i> , <b>2020</b> , 103, 104149	5.1	4
56	Surfactant assisted microwave disintegration of green marine macroalgae for enhanced anaerobic biodegradability and biomethane recovery. <i>Fuel</i> , <b>2020</b> , 281, 118802	7.1	5
55	Efficient electro-catalytic oxidation of ethylene glycol using flower-like graphitic carbon nitride/iron oxide/palladium nanocomposite for fuel cell application. <i>Fuel</i> , <b>2020</b> , 280, 118646	7.1	19
54	Facile technique towards clean fuel production by upgrading waste cooking oil in the presence of a heterogeneous catalyst. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 3410-3416	3.6	10
53	Green route synthesis of nanoporous copper oxide for efficient supercapacitor and capacitive deionization performances. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 10682-10694	4.5	13
52	Facile and low-cost production of Lantana camara stalk-derived porous carbon nanostructures with excellent supercapacitance and adsorption performance. <i>International Journal of Energy Research</i> , <b>2020</b> , 45, 17440	4.5	3
51	Induction of mitochondria-mediated apoptosis and suppression of tumor growth in zebrafish xenograft model by cyclic dipeptides identified from <i>Exiguobacterium acetylicum</i> . <i>Scientific Reports</i> , <b>2020</b> , 10, 13721	4.9	3

50	Sample Flow Rate Scan in Electrospray Ionization Mass Spectrometry Reveals Alterations in Protein Charge State Distribution. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13042-13049	7.8	4
49	Fabrication of amperometric sensor for glucose detection based on phosphotungstic acid-assisted PDPA/ZnO nanohybrid composite. <i>Ionics</i> , <b>2020</b> , 26, 6341-6349	2.7	7
48	Surfactant-assisted synthesis of copper oxide nanorods for the enhanced photocatalytic degradation of Reactive Black 5 dye in wastewater. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17438-17445	5.1	8
47	Electrochemical determination of 4-nitrophenol in environmental water samples using porous graphitic carbon nitride-coated screen-printed electrode. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17481-17491	5.1	20
46	Enhancement of biofuel production by microalgae using cement flue gas as substrate. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 17571-17586	5.1	14
45	Review on sustainable production of biochar through hydrothermal liquefaction: Physico-chemical properties and applications. <i>Bioresource Technology</i> , <b>2020</b> , 310, 123414	11	56
44	A review on hybrid techniques for the degradation of organic pollutants in aqueous environment. <i>Ultrasonics Sonochemistry</i> , <b>2020</b> , 67, 105130	8.9	58
43	Supercapacitive properties of manganese nitride thin film electrodes prepared by reactive magnetron sputtering: Effect of different electrolytes. <i>Ceramics International</i> , <b>2019</b> , 45, 17120-17127	5.1	14
42	Electrochemically sandwiched poly(diphenylamine)/phosphotungstic acid/graphene nanohybrid as highly sensitive and selective urea biosensor. <i>Synthetic Metals</i> , <b>2019</b> , 254, 134-140	3.6	28
41	Palladium/Copper Nanoalloy Supported on Carbon Nanotubes for the Electrooxidation of Methanol and Ethylene Glycol. <i>ChemistrySelect</i> , <b>2019</b> , 4, 6130-6139	1.8	5
40	Absolute removal of ciprofloxacin and its degraded byproducts in aqueous solution using an efficient electrochemical oxidation process coupled with adsorption treatment technique. <i>Journal of Environmental Management</i> , <b>2019</b> , 245, 409-417	7.9	16
39	Potential of two-stage cultivation in microalgae biofuel production. <i>Fuel</i> , <b>2019</b> , 252, 339-349	7.1	70
38	Passive cell disruption lipid extraction methods of microalgae for biofuel production [A review]. <i>Fuel</i> , <b>2019</b> , 252, 699-709	7.1	40
37	A review on the conversion of volatile fatty acids to polyhydroxyalkanoates using dark fermentative effluents from hydrogen production. <i>Bioresource Technology</i> , <b>2019</b> , 287, 121427	11	50
36	Biobutanol as a promising liquid fuel for the future - recent updates and perspectives. <i>Fuel</i> , <b>2019</b> , 253, 637-646	7.1	70
35	A fast and sensitive analytical procedure for monitoring of synthetic pyrethroid pesticidesU metabolites in environmental water samples. <i>Microchemical Journal</i> , <b>2019</b> , 148, 355-363	4.8	14
34	Influence of chromium content on microstructural and electrochemical supercapacitive properties of vanadium nitride thin films developed by reactive magnetron co-sputtering process. <i>Ceramics International</i> , <b>2019</b> , 45, 12643-12653	5.1	17
33	One-step preparation of graphitic carbon nitride/Polyaniline/Palladium nanoparticles based nanohybrid composite modified electrode for efficient methanol electro-oxidation. <i>Fuel</i> , <b>2019</b> , 251, 91-97 <sup>1</sup>	7.1	60

32	Identification and characterization of unknown degradation impurities in beclomethasone dipropionate cream formulation using HPLC, ESI-MS and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 167, 123-131	3.5	1
31	A composite film prepared from titanium carbide TiCT (MXene) and gold nanoparticles for voltammetric determination of uric acid and folic acid. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 33	5.8	25
30	A review on lignin structure, pretreatments, fermentation reactions and biorefinery potential. <i>Bioresource Technology</i> , <b>2019</b> , 271, 462-472	11	239
29	Application of nanotechnology (nanoparticles) in dark fermentative hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 1431-1440	6.7	69
28	A nanocomposite consisting of porous graphitic carbon nitride nanosheets and oxidized multiwalled carbon nanotubes for simultaneous stripping voltammetric determination of cadmium(II), mercury(II), lead(II) and zinc(II). <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 69	5.8	39
27	Green synthesis of biocompatible nanostructured hydroxyapatite from <i>Cirrhinus mrigala</i> fish scale [A] biowaste to biomaterial. <i>Ceramics International</i> , <b>2019</b> , 45, 7804-7810	5.1	34
26	Cs-tungstosilicic acid/Zr-KIT-6 for esterification of oleic acid and transesterification of non-edible oils for green diesel production. <i>Fuel</i> , <b>2018</b> , 234, 824-835	7.1	33
25	Synthesis and characterization of nanostructured nickel phosphate as a robust electrocatalyst for the highly sensitive voltammetric determination of chlorpromazine in biological sample. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 93, 11-20	5.3	14
24	Controlled synthesis of Pt nanoparticle supported TiO <sub>2</sub> nanorods as efficient and stable electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 23435-23444	12	35
23	Hierarchical CuO microstructures synthesis for visible light driven photocatalytic degradation of Reactive Black-5 dye. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 6059-6068	6.8	12
22	Development of pressurized hot water extraction for five flavonoid glycosides from defatted <i>Camellia oleifera</i> seeds (byproducts). <i>Industrial Crops and Products</i> , <b>2017</b> , 95, 296-304	5.9	23
21	Sensitive and Selective Determination of Uric Acid Using Polyaniline and Iron Composite Film Modified Electrode. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 8730-8737	2.2	11
20	A novel fatty-acid-based in-tube dispersive liquid-liquid microextraction technique for the rapid determination of nonylphenol and 4-tert-octylphenol in aqueous samples using high-performance liquid chromatography-ultraviolet detection. <i>Analytica Chimica Acta</i> , <b>2015</b> , 854, 70-7	6.6	51
19	Rapid microwave assisted synthesis of graphene nanosheets/polyethyleneimine/gold nanoparticle composite and its application to the selective electrochemical determination of dopamine. <i>Talanta</i> , <b>2014</b> , 120, 148-57	6.2	82
18	Novel solvent-free microwave-assisted extraction coupled with low-density solvent-based in-tube ultrasound-assisted emulsification microextraction for the fast analysis of organophosphorus pesticides in soils. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 2339-47	3.4	11
17	Fast Analysis of Synthetic Pyrethroid Metabolites in Water Samples Using In-Syringe Derivatization Coupled Hollow Fiber Mediated Liquid Phase Microextraction with GC-ECD. <i>Chromatographia</i> , <b>2013</b> , 76, 75-83	2.1	6
16	Novel one-step headspace dynamic in-syringe liquid phase derivatization-extraction technique for the determination of aqueous aliphatic amines by liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1296, 104-10	4.5	4
15	Rapid analysis of triclosan in water samples using an in-tube ultrasonication assisted emulsification microextraction coupled with gas chromatography-electron capture detection. <i>Analytical Methods</i> , <b>2013</b> , 5, 2352	3.2	10

14	Rapid determination of indapamide in human urine using novel low-density solvent based ultrasound assisted emulsification microextraction coupled with high performance liquid chromatography-variable wavelength detection. <i>Analytical Methods</i> , <b>2013</b> , 5, 2572	3.2	4
13	Rapid determination of triclosan in personal care products using new in-tube based ultrasound-assisted salt-induced liquid-liquid microextraction coupled with high performance liquid chromatography-ultraviolet detection. <i>Analytica Chimica Acta</i> , <b>2013</b> , 767, 81-7	6.6	50
12	Determination of ammonium in aqueous samples using new headspace dynamic in-syringe liquid-phase microextraction with in situ derivitazation coupled with liquid chromatography-fluorescence detection. <i>Analytica Chimica Acta</i> , <b>2012</b> , 754, 54-60	6.6	23
11	Rapid analysis of chlorinated anilines in environmental water samples using ultrasound assisted emulsification microextraction with solidification of floating organic droplet followed by HPLC-UV detection. <i>Talanta</i> , <b>2012</b> , 97, 279-84	6.2	20
10	Microwave assisted headspace controlled-temperature single drop microextraction for liquid chromatographic determination of chlorophenols in aqueous samples. <i>Mikrochimica Acta</i> , <b>2012</b> , 179, 141-148	5.8	9
9	Rapid determination of dichlorodiphenyltrichloroethane and its main metabolites in aqueous samples by one-step microwave-assisted headspace controlled-temperature liquid-phase microextraction and gas chromatography with electron capture detection. <i>Chemosphere</i> , <b>2011</b> , 83, 200-7	8.4	14
8	A novel graphene nanosheets coated stainless steel fiber for microwave assisted headspace solid phase microextraction of organochlorine pesticides in aqueous samples followed by gas chromatography with electron capture detection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 6861-8	4.5	118
7	Determination of pyrethroid metabolites in human urine using liquid phase microextraction coupled in-syringe derivatization followed by gas chromatography/electron capture detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 927-37	4.4	44
6	Determination of alachlor and its metabolite 2,6-diethylaniline in microbial culture medium using online microdialysis enriched-sampling coupled to high-performance liquid chromatography. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 8078-85	5.7	13
5	Determination of sinigrin in vegetable seeds by online microdialysis sampling coupled to reverse-phase ion-pair liquid chromatography. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 4571-57	5.7	8
4	Analysis of hexachlorocyclohexanes in aquatic samples by one-step microwave-assisted headspace controlled-temperature liquid-phase microextraction and gas chromatography with electron capture detection. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 1891-7	4.5	18
3	Facile Hydrothermal Synthesis of Tungsten Tri-oxide/Titanium Di-oxide Nanohybrid Structures as Photocatalyst for Wastewater Treatment Application. <i>Journal of Cluster Science</i> , 1	3	1
2	Green synthesis of V <sub>2</sub> O <sub>5</sub> /ZnO nanocomposite materials for efficient photocatalytic and anti-bacterial applications. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	1
1	Ultrasonication-assisted synthesis of gold nanoparticles decorated ultrathin graphitic carbon nitride nanosheets as a highly efficient electrocatalyst for sensitive analysis of caffeic acid in food samples. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	4