

CITATION REPORT

List of articles citing

Recommendations for the definition, estimation and use of the detection limit

DOI: 10.1039/an9871200199
Analyst, The, 1987, 112, 199.

Source: <https://exaly.com/paper-pdf/19078378/citation-report.pdf>

Version: 2024-04-26

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
887	Simultaneous flow injection speciation of iron(II) and iron(III) cyano complexes utilizing electrochemical and atomic absorption detectors in series. 1988 , 330, 614-618		6
886	Square-wave anodic stripping voltammetry with a mercury-plated reticulated vitreous carbon electrode. <i>Analytica Chimica Acta</i> , 1989 , 219, 153-159	6.6	7
885	Annular denuder tube preconcentrator for nitrobenzene determination by gas chromatography with electron-capture detection. <i>Analytica Chimica Acta</i> , 1989 , 217, 289-301	6.6	4
884	Effect of sulphite on the determination of sulphide by continuous-flow molecular emission cavity analysis Determination of both anions in admixture. <i>Analytica Chimica Acta</i> , 1989 , 225, 359-368	6.6	4
883	Spectrophotometric and derivative spectrophotometric determination of iron by extraction of the iron(II)-TPYZ-picrate ion-association complex. 1989 , 36, 1069-74		12
882	Determination of cadmium and lead in foods by graphite furnace atomic absorption spectrometry with Zeeman background correction: test with certified reference materials. 1990 , 7, 265-73		13
881	Analysis of drugs and other toxic substances in biological samples for pharmacokinetic studies. 1990 , 531, 3-50		51
880	Electron microprobe determination of minor and trace transition elements in silicate minerals: A method and its application to mineral zoning in the peridotite nodule PHN 1611. 1990 , 83, 55-69		34
879	Die Validität von Umweltdaten. 1991 , 3, 237-241		23
878	Evaluation of a method for simultaneous quantification of codeine, ethylmorphine and morphine in blood. 1991 , 51, 105-10		26
877	Measurement of plasma catecholamines by high-performance liquid chromatography with electrochemical detection in intensive care patients after dobutamine infusion. 1991 , 567, 240-7		12
876	The measurement of low concentrations of ammonia in the atmosphere by flow-injection analysis. 1991 , 22, 1741-1752		3
875	Data quality in applied geochemistry: the requirements, and how to achieve them. 1992 , 44, 3-22		9
874	Formiate and acetate in wet deposition at Pallanza (NW Italy) in relation to major ion concentrations. 1992 , 63, 397-409		9
873	Simultaneous determination of common benzodiazepines in blood using capillary gas chromatography. 1992 , 10, 317-22		33
872	Ellipsometric immunosensors for the determination of gamma-interferon and human serum albumin. 1992 , 7, 305-8		6
871	Rapid and sensitive determination of urinary 2,5-hexanedione by reversed-phase high-performance liquid chromatography. 1992 , 592, 255-60		6

870	Indirect determination of bromide by diffusion flow injection analysis with amperometric detection. 1992 , 342, 98-102		5
869	Cathodic behavior of 4,5-dimethoxy-2-nitroamphetamine. <i>Electroanalysis</i> , 1992 , 4, 555-561	3	2
868	Kinetic determination of cobalt and nickel by flow-injection spectrophotometry. <i>Analytica Chimica Acta</i> , 1993 , 283, 476-480	6.6	17
867	Determination of gold(I) and silver(I) cyanide in ores by capillary zone electrophoresis. 1993 , 635, 127-131		49
866	Sensitive determination of 1,1'-ethylidenebis(L-tryptophan) in L-tryptophan by gradient HPLC with fluorimetric detection. 1993 , 11, 85-8		1
865	Determination of occupational exposure to organotin compounds after multivariate optimization of a liquid chromatography flame atomic absorption spectrometry system. 1993 , 48, 977-983		0
864	Estimation of Performance Characteristics of an Analytical Method Using the Data Set Of The Calibration Experiment. 1993 , 26, 1243-1258		210
863	Mkronutrients in natural cow, ewe and goat milk. 1993 , 44, 37-46		18
862	Analysis of phenoxyalkyl acid herbicides and chlorophenols by capillary zone electrophoresis. <i>Science of the Total Environment</i> , 1993 , 132, 133-140	10.2	21
861	Determination of bromate in bread by capillary gas chromatography with a mass detector (GC/MS). 1994 , 11, 559-69		12
860	Quality assurance for soil nutrient analysis: A case study. 1994 , 25, 1605-1627		12
859	Effects of processing on the concentration of lead in Manchego-type cheese. 1994 , 11, 91-6		14
858	Concentration and seasonal variation of calcium, magnesium, sodium and potassium in raw cow, ewe and goat milk. 1994 , 45, 99-105		9
857	Pharmacokinetics and bioavailability of benperidol in schizophrenic patients after intravenous and two different kinds of oral application. 1994 , 116, 457-63		2
856	Noise, filters and detection limits. 1994 , 687, 259-281		17
855	Critical review of analytical methods for determination of inorganic mercury and methylmercury compounds. <i>Applied Organometallic Chemistry</i> , 1994 , 8, 293-302	3.1	73
854	Chemiluminometric determination of choline-related substances in pharmaceutical preparations by dot-blot. 1994 , 12, 1083-90		6
853	Calcium, magnesium, manganese, sodium and potassium variations in Manchego-type cheese during ripening. 1994 , 50, 373-378		17

852	Determination of chromate ion in chromium plating baths using capillary zone electrophoresis with micellar solution. 1994 , 676, 443-450		22
851	Multichannel chromatography and on-line spectra from a flame photometric detector. 1994 , 675, 155-175		15
850	CONFLICTING PERSPECTIVES ABOUT DETECTION LIMITS AND ABOUT THE CENSORING OF ENVIRONMENTAL DATA1. 1994 , 30, 1063-1079		12
849	Mineral composition as a characteristic for the identification of animal origin of raw milk. 1994 , 61, 151-154		25
848	Determination of cadmium in fertilizers by flow-injection spectrophotometry. <i>Analytica Chimica Acta</i> , 1995 , 308, 439-445	6.6	9
847	Iron(II) and iron(III) determination in sea water at the nanomolar level with selective on-line preconcentration and spectrophotometric determination. <i>Analytica Chimica Acta</i> , 1995 , 308, 425-432	6.6	74
846	Headspace sampling and gas chromatographic-mass spectrometric determination of amphetamine and methamphetamine in betel. 1995 , 715, 325-331		6
845	Influence of vegetative cycle of asparagus (<i>Asparagus officinalis</i> L.) on copper, iron, zinc and manganese content. 1995 , 47, 349-55		15
844	Anthropogenic effects on the chemical characteristics of freshwater streams near Sydney, Australia, during low flows. 1995 , 1, 39-48		9
843	A user-friendly spreadsheet program for calibration using weighted regression. 1995 , 28, 193-199		11
842	The validation of a solid phase clean-up procedure for the analysis of aflatoxins in groundnut cake using HPLC. 1995 , 52, 93-98		15
841	Effects of Manchego-type cheese-making process on contents of mineral elements. 1995 , 53, 435-439		11
840	Effect of experimental conditions on phosphorus extracted from estuarine and marine sediments. 1995 , 46, 435		1
839	A computer controlled flame-CFS spectrometer with photon counting detection and multipass mirror configuration. 1995 , 66, 2423-2429		1
838	Extraction and Spectrophotometric Determination of Molybdenum(V) Using N1-Hydroxy-N1,N2-diphenylbenzamidine and Thiocyanate. 1995 , 28, 1681-1691		5
837	Extraction and spectrophotometric determination of uranium(VI) with N-phenylcinnamohydroxamic acid. 1996 , 210, 171-181		4
836	Simultaneous measurements of signal and background in inductively coupled plasma atomic emission spectrometry: effects on precision, limit of detection and limit of quantitation. 1996 , 51, 75-85		20
835	Extraction and spectrophotometric determination of titanium(IV) with N 1-hydroxy-N 1,N 2-diphenylbenzamidine and thiocyanate. 1996 , 124, 81-87		3

834	Multicommutation in flow analysis. Part 4. Computer-assisted splitting for spectrophotometric determination of copper and zinc in plants. <i>Analytica Chimica Acta</i> , 1996 , 332, 173-178	6.6	15
833	Mineral content modifications during ripening of asparagus (<i>Asparagus officinalis</i> , L.). 1996 , 49, 13-26		11
832	Cadmium variations in Manchego cheese during traditional cheese-making and ripening processes. 1997 , 14, 475-81		5
831	Development and validation of sensitive method for determination of serum cotinine in smokers and nonsmokers by liquid chromatography/atmospheric pressure ionization tandem mass spectrometry. 1997 , 43, 2281-2291		282
830	THE INFLUENCE OF FROZEN STORAGE ON CHROMIUM AND NICKEL CONTENTS IN WHITE ASPARAGUS. 1997 , 20, 525-532		2
829	Sequential potentiometric determination of chloride and nitrate in meat products. 1997 , 59, 305-311		27
828	Preconcentration of analytes by aerosol deposition in Graphite Furnace Atomic Absorption Spectrometry at the pg ml ⁻¹ level. 1997 , 52, 113-123		4
827	Variations of chromium and nickel content during industrial processing of white asparagus. 1997 , 59, 261-267		4
826	Study of chromium and nickel content in white asparagus (<i>Asparagus officinalis</i> , L.). 1997 , 41, 114-7		4
825	Flow-injection spectrophotometric catalytic determination of manganese in plants exploiting the aerial oxidation of diphenyl carbazone. <i>Analytica Chimica Acta</i> , 1998 , 366, 87-92	6.6	16
824	A polyvalent flow injection system for multielemental spectrophotometric analysis of plant materials1This paper was presented at the Flow Analysis VII conference held in Piracicaba, Brazil from 23-26 August 1997.1. <i>Analytica Chimica Acta</i> , 1998 , 370, 39-46	6.6	11
823	Multicommutation in flow analysis exploiting a multizone trapping approach: spectrophotometric determination of boron in plants. <i>Analytica Chimica Acta</i> , 1998 , 374, 53-59	6.6	16
822	NUTRITIONAL ESTIMATION OF CHANGES IN MINERAL CONTENT DURING FROZEN STORAGE OF WHITE ASPARAGUS. 1998 , 21, 445-458		11
821	Automation of iron and copper determination in milks using FIA systems and colourimetric detection. 1998 , 62, 117-121		10
820	Chemical characteristics of sediments and interstitial waters in some small Hawkesbury Sandstone freshwater streams of the Sydney area. 1998 , 3, 165-178		1
819	High-performance liquid chromatographic determination of the magnetic resonance imaging contrast agent gadobenate ion in plasma, urine, faeces, bile and tissues. 1998 , 713, 415-426		11
818	Intrinsic variability of mineral composition of chickpea (<i>Cicer arietinum</i> , L.). 1998 , 63, 55-60		20
817	Catalytic determination of cobalt by flow injection spectrophotometry: application in animal faeces analysis using hydrochloric acid as extracting solution. 1998 , 74, 79-84		5

816	Trends and nutritional significance of mineral content in fresh white asparagus spears. 1998 , 49, 353-63	10
815	A New Extractive-spectrophotometric Method for the Determination of Ketoconazole from Pharmaceutical Preparations. 1998 , 31, 2691-2705	16
814	Chapter 13 Internal method validation. 1998 , 20, 379-440	1
813	The Use of β -Cyclodextrin Inclusion Complexes for the Analysis of Bisphenol a Residues in Water by Spectrofluorimetry. 1998 , 69, 99-110	30
812	Cadmium levels in peanut products. 1998 , 15, 789-92	3
811	14 Quality assurance and validation. 1998 , 21, 307-330	
810	Determination of Zinc in Environmental Samples by Solid Phase Spectrophotometry: Optimization and Validation Study.. 1998 , 14, 791-797	15
809	A Flow Injection System for Spectrophotometric Catalytic Determination of Copper in Plant Digests and Natural Waters.. 1998 , 14, 565-569	9
808	Dinâmica do chumbo no lago do parque Ingá/Maringá/PR, Brasil. 1998 , 41, 457-466	1
807	High-performance liquid chromatographic assay of the X-ray contrast agent iopiperidol in plasma and urine of rats and humans. 1999 , 729, 323-32	7
806	Ultrasensitive determination of beta-carotene in fish oil-based supplementary drugs by HPLC-TLS. 1999 , 21, 901-9	30
805	Nutritional evaluation of mineral content changes in fresh green asparagus as a function of the spear portions. 1999 , 79, 900-906	11
804	Nutritional changes in the essential trace elements content of asparagus during industrial processing. 1999 , 32, 479-486	20
803	FIA techniques and strategies expand the potential of atomic spectrometry. 1999 , 64-97	
802	Flow Injection Determination of Acetylsalicylic Acid in Pharmaceutical Preparations with an Amperometric Detector. 2000 , 65, 954-962	8
801	Slurry analysis by multichannel arc/spark emission spectrometry using a monosegmented system: Determination of aluminium in sediments. 2000 , 12, 46-52	2
800	Amperometric biosensor for formic acid in air. <i>Sensors and Actuators B: Chemical</i> , 2000 , 70, 182-187	8.5 23
799	The content and nutritional significance of minerals on fish flesh in the presence and absence of bone. 2000 , 71, 503-509	48

798	Methylmercury and inorganic mercury determination in fish by cold vapour generation atomic absorption spectrometry. 2000 , 71, 529-533		42
797	Determination of Some Phenothiazine Drugs Based on Colour Reaction with Potassium Periodate. 2000 , 33, 43-51		11
796	Determination of trace amounts of rare earth elements in highly pure praseodymium oxide by double focusing inductively coupled plasma mass spectrometry and high-performance liquid chromatography. 2001 , 323-324, 49-52		11
795	Simultaneous supercritical fluid extraction and chemical derivatization for the gas chromatographic-isotope dilution mass spectrometric determination of amphetamine and methamphetamine in urine. 2001 , 759, 17-26		16
794	Validation of a high-performance liquid chromatographic assay for the quantification of adenovirus type 5 particles. 2001 , 761, 187-94		24
793	Application of terbium-sensitized luminescence for the determination of grepafloxacin in human urine and serum. 2001 , 90, 1553-7		13
792	Determination of chromium by electrothermal atomic absorption spectrometry in waters using a forked platform and co-injection of Mg as chemical modifier. <i>Analytica Chimica Acta</i> , 2001 , 428, 265-278	6.6	12
791	An improved flow system for spectrophotometric determination of anions exploiting multicommutation and multidetection. <i>Analytica Chimica Acta</i> , 2001 , 438, 11-19	6.6	32
790	Multicommutation flow system for spectrophotometric l(+)lactate determination in silage material using an enzymatic reaction. <i>Analytica Chimica Acta</i> , 2001 , 438, 59-65	6.6	15
789	Utilization of solid phase spectrophotometry for determination of trace amounts of beryllium in natural water. <i>Analytica Chimica Acta</i> , 2001 , 437, 265-272	6.6	23
788	Determination of soil calcareous efficiency using flow system with pervaporative separation. <i>Analytica Chimica Acta</i> , 2001 , 438, 273-279	6.6	9
787	Application of potassium dichromate and iron-thiocyanate in the spectrophotometric investigations of phenothiazines. 2001 , 56, 579-85		29
786	A sensitive method for determining levels of [-]-2,5,-dimethoxy-4-methylamphetamine in the brain tissue. 2001 , 46, 37-43		7
785	Determination of trovafloxacin in human serum by time resolved terbium-sensitised luminescence. 2001 , 13, 297-301		25
784	A SELECTIVE KINETIC METHOD FOR THE ESTIMATION OF BENZYL ALCOHOL IN CLOSELY RELATED MIXTURES. 2001 , 34, 2797-2815		23
783	Evaluation of four aluminum extraction methods using selected Brazilian soils. 2001 , 32, 1969-1980		6
782	ELECTROANALYTICAL DETERMINATION OF CODEINE IN PHARMACEUTICAL PREPARATIONS. 2002 , 35, 2487-2498		16
781	On the Use and Limits of Mass Spectrometry for the Characterization of Fluorocarbon Emission during Plasma Processing. 2002 , 149, G318		1

780	Lead content in Spanish market infant formulas and toxicological contribution. 2002 , 19, 241-5		7
779	Simultaneous sample digestion and determination of Cd, Cu and Pb in biological samples using thermospray flame furnace atomic absorption spectrometry (TS-FF-AAS) with slurry sample introduction. 2002 , 17, 1308-1315		43
778	Statistical Evaluation of Analytical Methods for the Determination of Rare-Earth Elements in Geological Materials and Implications for Detection Limits. 2002 , 44, 287-335		22
777	Determination of trace amounts of rare earth elements in high pure lanthanum oxide by sector field inductively coupled plasma mass spectrometry (HR ICP-MS) and high-performance liquid chromatography (HPLC) techniques. 2002 , 344, 17-20		13
776	Simple and selective spectrophotometric determination of ruthenium after solid phase extraction with some quinoxaline dyes into microcrystalline p-dichlorobenzene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002 , 58, 1831-7	4.4	21
775	Automated flow analysis system based on multicommutation for Cd, Ni and Pb on-line pre-concentration in a cationic exchange resin with determination by inductively coupled plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 453, 301-310	6.6	45
774	Development of a sequential injection analysis system for the simultaneous biosensing of glucose and ethanol in bioreactor fermentation. 2003 , 81, 141-146		34
773	Carbon paste electrode modified with copper (II) phosphate immobilized in a polyester resin for voltammetric determination of L-ascorbic acid in pharmaceutical formulations. 2003 , 376, 214-9		25
772	HRP-based amperometric biosensor for the polyphenols determination in vegetables extract. <i>Sensors and Actuators B: Chemical</i> , 2003 , 96, 636-645	8.5	97
771	Application of (2,2':6',2''-terpyridyl) copper(II) chloride complex in sensor construction for benzoyl peroxide determination in pharmaceutical samples. <i>Analytica Chimica Acta</i> , 2003 , 494, 199-205	6.6	14
770	Lanthanide sensitized chemiluminescence determination of grepafloxacin in tablets and human urine. <i>Analytica Chimica Acta</i> , 2003 , 482, 105-113	6.6	23
769	Determination of trace amounts of rare-earth elements in highly pure neodymium oxide by sector field inductively coupled plasma mass spectrometry (ICP-SFMS) and high-performance liquid chromatography (HPLC) techniques. 2003 , 171, 3-6		15
768	A simple differential pulse polarographic method for the determination of thymoquinone in black seed oil. 2003 , 14, 224-7		15
767	Metals in the sediments of Ensenada de San Simão (inner Rã de Vigo), Galicia, NW Spain. 2003 , 18, 973-996		34
766	A Multicommuted Flow Procedure for the Determination of Cholesterol in Animal Blood Serum by Chemiluminescence. 2003 , 36, 3011-3024		15
765	Spectrophotometric and fluorimetric determination of hexamine in pure form and its pharmaceutical formulation. 2003 , 26, 1211-4		5
764	Disponibilidade de metais de transiã no solo tratado com lodo de esgoto. 2004 , 26, 443		1
763	Mineral content of gurumelo (<i>Amanita ponderosa</i>). 2004 , 85, 325-330		16

762	Characterization of supercritical fluid extracts of St. John's wort (<i>Hypericum perforatum</i> L.) by HPLC-MS and GC-MS. 2004 , 21, 453-63		29
761	Determination of cadmium and lead at low levels by using preconcentration at fullerene coupled to thermospray flame furnace atomic absorption spectrometry. 2004 , 59, 515-521		59
760	Mineral composition of frozen green asparagus. 2004 , 219, 260		5
759	Determination of isopropylmethylphenols in black seed oil by differential pulse voltammetry. 2004 , 15, 320-4		27
758	Trends in quality in the analytical laboratory. II. Analytical method validation and quality assurance. 2004 , 23, 535-552		541
757	Optimization of sample preparation using statistical methods: spectrophotometric determination of Fe and Co in pharmaceutical samples. <i>Microchemical Journal</i> , 2004 , 78, 187-194	4.8	2
756	Stable isotope-enriched selenite and selenate tracers for human metabolic studies: a fast and accurate method for their preparation from elemental selenium and their identification and quantification using hydride generation atomic absorption spectrometry. 2004 , 18, 75-80		13
755	Combination of a new sample preparation strategy with an accelerated high-performance liquid chromatography assay with photodiode array and mass spectrometric detection for the determination of destruxins from <i>Metarhizium anisopliae</i> culture broth. 2004 , 1061, 35-43		17
754	Voltammetric determination of pyridoxine (Vitamin B6) at a carbon paste electrode modified with vanadyl(IV)-salen complex. <i>Analytica Chimica Acta</i> , 2004 , 508, 79-85	6.6	54
753	Fluorescence and terbium-sensitised luminescence determination of garenoxacin in human urine and serum. 2004 , 63, 691-7		34
752	Voltammetric determination of L-dopa using an electrode modified with trinuclear ruthenium ammine complex (Ru-red) supported on Y-type zeolite. 2004 , 63, 1083-8		72
751	Quantification of trace amounts of rare earth elements in high purity gadolinium oxide by sector field inductively coupled plasma mass spectrometry (ICP-MS). 2004 , 374, 129-132		18
750	Hydrodynamic electrochemistry in 20 microL drops in the rotating sample system. 2005 , 21, 1155-60		5
749	Preconcentration procedure using cloud point extraction in the presence of electrolyte for cadmium determination by flame atomic absorption spectrometry. 2005 , 60, 743-748		67
748	Fluorescence spectroscopic study of serum albumin-bromadiolone interaction: fluorimetric determination of bromadiolone. 2005 , 38, 556-63		149
747	Development of a sensor based on tetracyanoethylene (LiTCNE)/poly-L-lysine (PLL) for dopamine determination. 2005 , 50, 2675-2683		32
746	Determination of bromide ions in seawater using flow system with chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2005 , 528, 115-119	6.6	25
745	Evaluation of a synergetic effect between Rh as permanent chemical modifier and acetylacetone as complexing agent in Sc determination in sediment slurry samples by ETAAS. <i>Analytica Chimica Acta</i> , 2005 , 530, 299-305	6.6	3

744	High-performance liquid chromatography-diode array detection assay for the detection and quantification of the <i>Beauveria</i> metabolite oosporein from potato tubers. 2005 , 1092, 254-7		13
743	A kinetic method for para-nitrophenol determination based on its inhibitory effect on the catalytic reaction of catalase. 2005 , 3, 592-604		1
742	Determination of pesticides and PCBs in honey by solid-phase extraction cleanup followed by gas chromatography with electron-capture and nitrogen-phosphorus detection. 2005 , 381, 695-701		53
741	Kinetic catalytic determination of trace Cu(II) in water samples with the thioglycolic/thiolactic acid-chromate reaction. 2005 , 381, 1373-80		4
740	Potential application of the reaction between hydroquinone and chromate with respect to the kinetic determination of iron. 2005 , 381, 1362-6		1
739	Determination of pesticides and PCBs in virgin olive oil by multicolumn solid-phase extraction cleanup followed by GC-NPD/ECD and confirmation by ion-trap GC-MS. 2005 , 53, 5105-9		55
738	Analysis of chloride, bromide and iodide using miniaturised isotachopheresis on a planar polymer chip. <i>Analyst, The</i> , 2005 , 130, 1375-82	5	12
737	Evaluating diffuse and point phosphorus contributions to river transfers at different scales in the Taw catchment, Devon, UK. 2005 , 304, 118-138		56
736	Seawater Mercury Analysis at PPB Levels. <i>Instrumentation Science and Technology</i> , 2006 , 34, 425-433	1.4	12
735	Determination of glutathione in hemolysed erythrocyte with amperometric sensor based on TTF-TCNQ. 2006 , 371, 152-8		51
734	Determination of Sb(III) and Total Sb in Antileishmanial Drugs by Spectrophotometric Flow-Injection Hydride Generation. 2006 , 39, 543-554		6
733	Trace amounts of rare earth elements in high purity samarium oxide by sector field inductively coupled plasma mass spectrometry after separation by HPLC. 2006 , 418, 247-250		17
732	A Simple Differential Pulse Polarographic Method for the Determination of Artemisinin in <i>Artemisia Annu</i> . 2006 , 1, 1934578X0600100		
731	Sensitive extractive spectrophotometric methods for the determination of trazodone hydrochloride in pharmaceutical formulations. 2006 , 54, 968-71		6
730	Analysis of Indian blue ballpoint pen inks tagged with rare-earth thenoyltrifluoroacetates by inductively coupled plasma-mass spectrometry and instrumental neutron activation analysis. 2006 , 159, 32-42		20
729	Spectrophotometric flow-injection determination of total reducing sugars exploiting their alkaline degradation. <i>Analytica Chimica Acta</i> , 2006 , 564, 231-235	6.6	7
728	Electrochemical detection of cysteine in a flow system based on reductive desorption of thiols from gold. <i>Analytica Chimica Acta</i> , 2006 , 575, 172-9	6.6	42
727	Quantification of <i>Fumaria officinalis</i> isoquinoline alkaloids by nonaqueous capillary electrophoresis-electrospray ion trap mass spectrometry. 2006 , 1112, 331-8		43

726	Cobalt tetrasulphonated phthalocyanine immobilized on poly-L-lysine film onto glassy carbon electrode as amperometric sensor for cysteine. 2006 , 42, 184-91		30
725	Multicommuted flow system employing pinch solenoid valves and micro-pumps. Spectrophotometric determination of paracetamol in pharmaceutical formulations. 2006 , 42, 423-9		35
724	Dissolved oxygen sensor based on cobalt tetrasulphonated phthalocyanine immobilized in poly-L-lysine film onto glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2006 , 114, 1019-1027	8.5	65
723	Development of a voltammetric sensor for catechol in nanomolar levels using a modified electrode with Cu(phen) ₂ (TCNQ) ₂ and PLL. <i>Sensors and Actuators B: Chemical</i> , 2006 , 117, 274-281	8.5	25
722	Considering uncertainty of measurement when assessing compliance or non-compliance with reference values given in compositional specifications and statutory limits: a proposal. 2006 , 11, 363-366		7
721	Fluidized beds in flow analysis: use with ion-exchange separation for spectrophotometric determination of zinc in plant digests. 2006 , 384, 1019-24		28
720	Study of the Electrochemical Behavior and Sensitive Detection of Pesticides Using Microelectrodes Allied to Square-Wave Voltammetry. <i>Electroanalysis</i> , 2006 , 18, 862-872	3	46
719	The Employ of Multiple Voltammetric Pulses for the Study of the Adsorption of Bipyridilium Pesticides in River Sediment. <i>Electroanalysis</i> , 2006 , 18, 2305-2313	3	8
718	An evaluation of analytical methods, air sampling techniques, and airborne occupational exposure of metalworking fluids. 2006 , 3, 53-66		25
717	High-Performance Liquid Chromatographic Determination of Parecoxib in Human Plasma and Pharmaceutical Formulations. 2007 , 40, 2925-2934		3
716	Determination of Cinnarizine in Pure and Pharmaceutical Formulations. 2007 , 54, 63-68		5
715	DNA quantification of whole genome amplified samples for genotyping on a multiplexed bead array platform. 2007 , 16, 1686-90		27
714	A multi-pumping flow system for chemiluminescent determination of ammonium in natural waters. 2007 , 87, 77-85		9
713	Protein Conformation Changes Induced by a Novel Organophosphate-Containing Water-Soluble Derivative of a C60 Fullerene Nanoparticle. 2007 , 111, 14327-14333		44
712	Polyphosphate Speciation for Soil and Fertilizer Analysis. 2007 , 38, 2445-2460		4
711	Analysis of Central European <i>Corydalis</i> species by nonaqueous capillary electrophoresis-electrospray ion trap mass spectrometry. 2007 , 1159, 42-50		39
710	Separation and quantification of lanthanides in synthetic standards by capillary electrophoresis: a new experimental evidence of the systematic "odd-even" pattern observed in sensitivities and detection limits. 2007 , 1149, 12-9		20
709	Monitoring of the smoking process by multicommutation Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2007 , 593, 39-45	6.6	5

708	On-line molecularly imprinted solid phase extraction for the selective spectrophotometric determination of catechol. <i>Microchemical Journal</i> , 2007 , 85, 290-296	4.8	67
707	Internal standardization for the determination of cadmium, cobalt, chromium and manganese in saline produced water from petroleum industry by inductively coupled plasma optical emission spectrometry after cloud point extraction. 2007 , 62, 985-991		40
706	Measuring rates of gross and net mineralisation of organic phosphorus in soils. 2007 , 39, 900-913		73
705	Multivariate optimization of a microwave-assisted leaching procedure using dilute acid solutions, for FAAS determination of Cu, Fe, Mn, and Zn in multivitamin/multimineral supplements. 2007 , 387, 1113-20		16
704	Determination of triazine herbicides: development of an electroanalytical method utilizing a solid amalgam electrode that minimizes toxic waste residues, and a comparative study between voltammetric and chromatographic techniques. 2007 , 387, 2245-53		27
703	Electrocatalytic determination of reduced glutathione in human erythrocytes. 2007 , 387, 1891-7		16
702	Tetracyanoquinodimethanide adsorbed on a silica gel modified with titanium oxide for electrocatalytic oxidation of hydrazine. 2007 , 11, 631-638		18
701	An amperometric sensor based on electrochemically triggered reaction: Redox-active Arâ¬O/Arâ¬HOH from 4-nitrophthalonitrile-modified electrode for the low voltage cysteine detection. 2008 , 612, 87-96		54
700	Electrocatalytic activity of 4-nitrophthalonitrile-modified electrode for the l-glutathione detection. 2008 , 47, 758-64		25
699	Electrocatalytic Determination of Nitrite on a Rigid Disk Electrode Having Cobalt Phthalocyanine Prepared In Situ. <i>Electroanalysis</i> , 2008 , 20, 765-770	3	17
698	Electrocatalytic Behavior of Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes and Cobalt Phthalocyanine for Selective Analysis of Dopamine in Presence of Ascorbic Acid. <i>Electroanalysis</i> , 2008 , 20, 851-857	3	73
697	Electrocatalytic Application of an Overoxidized Dopamine Film Prepared on a Gold Electrode Surface to Selective Epinephrine Sensing. <i>Electroanalysis</i> , 2008 , 20, 1317-1322	3	25
696	Hemin Modified Carbon Fat Electrode for Analyzing Antimalarial Endoperoxide Artemisinin in <i>Artemisia annua</i> . <i>Electroanalysis</i> , 2008 , 20, 1549-1555	3	6
695	Electrochemical Oxidation of Dopamine in the Presence of Secondary Amine. An Alternative Way for Quantitative Dopamine Determination at a Gold Electrode. <i>Electroanalysis</i> , 2008 , 20, 1639-1646	3	27
694	Electroanalytical Determination of Promethazine Hydrochloride in Pharmaceutical Formulations on Highly Boron-Doped Diamond Electrodes Using Square-Wave Adsorptive Voltammetry. <i>Electroanalysis</i> , 2008 , 20, 2031-2039	3	40
693	Alternating Layers of Iron(III) Tetra(N-methyl-4-pyridyl)-porphyrin and Copper Tetrasulfonated Phthalocyanine for Amperometric Detection of 4-Nitrophenol in Nanomolar Levels. <i>Electroanalysis</i> , 2008 , 20, 2333-2339	3	8
692	Nonaqueous capillary electrophoresis-electrospray ionization-ion trap-mass spectrometry analysis of pyrrolo- and pyrido[1,2-a]azepine alkaloids in <i>Stemona</i> . 2008 , 29, 2079-87		19
691	Limits of detection and decision. Part 4. 2008 , 63, 154-165		35

690	Limit of quantitation in atomic spectrometry: An unambiguous concept?. 2008 , 63, 166-182		73
689	Simultaneous determination of potassium and total fluoride in toothpastes using a SIA system with two potentiometric detectors. 2008 , 47, 170-6		10
688	Conformation, thermodynamics and stoichiometry of HSA adsorbed to colloidal CdSe/ZnS quantum dots. 2008 , 1784, 1020-7		163
687	Meldola blue immobilized on a new SiO ₂ /TiO ₂ /graphite composite for electrocatalytic oxidation of NADH. 2008 , 53, 4167-4175		55
686	A highly sensitive amperometric sensor for oxygen based on iron(II) tetrasulfonated phthalocyanine and iron(III) tetra-(N-methyl-pyridyl)-porphyrin multilayers. <i>Analytica Chimica Acta</i> , 2008 , 612, 29-36	6.6	31
685	An improved procedure for flow-based turbidimetric sulphate determination based on a liquid core waveguide and pulsed flows. <i>Analytica Chimica Acta</i> , 2008 , 616, 56-62	6.6	22
684	Spectrophotometric cocaine determination in a biphasic medium employing flow-batch sequential injection analysis. <i>Analytica Chimica Acta</i> , 2008 , 629, 98-103	6.6	15
683	Effect of water composition on aluminium, calcium and organic carbon extraction in tea infusions. 2008 , 106, 1467-1475		48
682	Measurement uncertainty in the determination of total petroleum hydrocarbons (TPH) in soil by GC-FID. 2008 , 92, 3-12		13
681	Optimization of the selectivity of a cyanopropyl stationary phase for the gas chromatographic analysis of trans fatty acids. 2008 , 1194, 111-7		32
680	Electrocatalytic activity of 2,3,5,6-tetrachloro-1,4-benzoquinone/multi-walled carbon nanotubes immobilized on edge plane pyrolytic graphite electrode for NADH oxidation. 2008 , 53, 4706-4714		25
679	Preparation and characterization of the dopamine film electrochemically deposited on a gold template and its applications for dopamine sensing in aqueous solution. 2008 , 53, 5725-5731		168
678	Molecular interaction and energy transfer between human serum albumin and bioactive component Aloe dihydrocoumarin. <i>Journal of Molecular Structure</i> , 2008 , 888, 145-151	3-4	27
677	Binding of the bioactive component Aloe dihydroisocoumarin with human serum albumin. <i>Journal of Molecular Structure</i> , 2008 , 891, 87-92	3-4	12
676	Sub ppm Detection of Hydrogen. 2008 , 8, 301-307		7
675	Amperometric sensor for nitrite based on copper tetrasulphonated phthalocyanine immobilized with poly-L-lysine film. 2008 , 75, 333-8		32
674	Thompson's flowarth error analysis: unbiased alternatives to the large-sample method for assessing non-normally distributed measurement error in geochemical samples. 2008 , 8, 173-182		5
673	Simultaneous determination of potassium and nitrate ions in mouthwashes using sequential injection analysis with potentiometric detection. 2008 , 24, 803-7		10

672	Ocorrência de metais pesados no curso inferior do rio Ivaque em decorrência do uso do solo em sua bacia hidrográfica. 2008 , 30,		2
671	Laboratory evaluation of a field-portable sealed source X-ray fluorescence spectrometer for determination of metals in air filter samples. 2009 , 6, 433-45		17
670	Folic Acid, Iron, and Zinc Contents in Chosen Food Products Prepared with Fortified Flours. 2009 , 86, 695-700		6
669	Electrocatalytic and Analytical Response of Cobalt Phthalocyanine Modified Carbon Paste Electrodes Towards Antimalarial Endoperoxide Artemisinin. <i>Electroanalysis</i> , 2009 , 21, 657-661	3	10
668	Epinephrine Oxidation in the Presence of Interfering Molecules on Gold and Gold Electrodes modified with Gold Nanoparticles and Thiodipropionic Acid in Aqueous Solution. A Comparative Study. <i>Electroanalysis</i> , 2009 , 21, 2557-2562	3	16
667	Electroanalysis of Norepinephrine at Bare Gold Electrode Pure and Modified with Gold Nanoparticles and S-Functionalized Self-Assembled Layers in Aqueous Solution. <i>Electroanalysis</i> , 2009 , 21, 1539-1549	3	32
666	Modified Carbon Paste Electrode for Kinetic Investigation and Simultaneous Determination of Ascorbic and Uric Acids. <i>Electroanalysis</i> , 2009 , 21, 2311-2320	3	8
665	Determination of tin and lead in sediment slurries by graphite furnace atomic absorption spectrometry. 2009 , 164, 445-451		8
664	Development of a sequential injection analysis system for the potentiometric determination of nitrite in meat products by using a Gran plot method. 2009 , 165, 117-122		7
663	A novel microelectrode array combining screen-printing and femtosecond laser ablation technologies: Development, characterization and application to cadmium detection. <i>Sensors and Actuators B: Chemical</i> , 2009 , 143, 158-163	8.5	37
662	Elevated metallothionein-bound cadmium concentrations in urine from bladder carcinoma patients, investigated by size exclusion chromatography-inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2009 , 631, 218-22	6.6	24
661	On-line molecularly imprinted solid-phase extraction for the selective spectrophotometric determination of nicotine in the urine of smokers. <i>Analytica Chimica Acta</i> , 2009 , 635, 102-7	6.6	51
660	Comparison of electrochemical oxidation of epinephrine in the presence of interfering ascorbic and uric acids on gold electrodes modified with S-functionalized compounds and gold nanoparticles. 2009 , 54, 5863-5870		78
659	In situ activated 3,5-dinitrobenzoic acid covalent attached to nanostructured platform for NADH electrooxidation. 2009 , 54, 6609-6616		25
658	Biogenic amines and fish freshness assessment using a multisensor system based on voltammetric electrodes. Comparison between CPE and screen-printed electrodes. 2009 , 54, 7033-7041		71
657	Determination of lead content in medicinal plants by pre-concentration flow injection analysis-flame atomic absorption spectrometry. 2009 , 20, 445-9		13
656	Determination of nitrite in food samples by anodic voltammetry using a modified electrode. 2009 , 113, 1206-1211		99
655	Saponins in Ipomoea batatas tubers: Isolation, characterization, quantification and antioxidant properties. 2009 , 113, 411-419		51

654	Labelless AC impedimetric antibody-based sensors with pgml(-1) sensitivities for point-of-care biomedical applications. 2009 , 24, 1090-5		44
653	Peat as a natural solid-phase for copper preconcentration and determination in a multicommuted flow system coupled to flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2009 , 636, 198-204	6.6	235
652	Evaluation of the odd-even effect in limits of detection for electron microprobe analysis of natural minerals. <i>Analytica Chimica Acta</i> , 2009 , 638, 126-32	6.6	7
651	Comparison of digestion methods for ICP-MS determination of trace elements in fish tissues. <i>Analytica Chimica Acta</i> , 2009 , 653, 191-9	6.6	108
650	New extractive spectrophotometric methods for the determination of nortriptyline hydrochloride in pure form and pharmaceutical dosages. 2009 , 64, 462-466		5
649	Carbamide Peroxide Determination in Tooth Whitening Using a Reagentless HRP-Biosensor. 2009 , 42, 352-365		3
648	Cloud point extraction and concentration of carbaryl from natural waters. 2009 , 89, 969-979		7
647	Limit of Quantitation in Atomic Spectrometry—Concepts and Definitions. 2009 ,		1
646	Analytical Method Validation and Quality Assurance. 2010 , 1		3
645	Dissolved oxygen amperometric sensor based on layer-by-layer assembly using host-guest supramolecular interactions. <i>Analytica Chimica Acta</i> , 2010 , 664, 144-50	6.6	34
644	Preconcentration and determination of Cu(II) in a fresh water sample using modified silica gel as a solid-phase extraction adsorbent. 2010 , 175, 399-403		57
643	SiO ₂ /TiO ₂ /Sb ₂ O ₅ /graphite carbon ceramic conducting material: preparation, characterization, and its use as an electrochemical sensor. 2010 , 14, 115-121		10
642	Influence of copper hexacyanoferrate film thickness on the electrochemical properties of self-assembled 3-mercaptopropyl gold electrode and application as a hydrazine sensor. 2010 , 14, 1383-1390		7
641	The electrocatalytic activity of a supramolecular assembly of CoTsPc/FeT4MPyP on multi-walled carbon nanotubes towards L-glutathione, and its determination in human erythrocytes. 2010 , 171, 169-178		17
640	An approach to detection capabilities estimation of analytical procedures based on measurement uncertainty. 2010 , 15, 19-28		9
639	Prediction of wheat response to an application of phosphorus under field conditions using diffusive gradients in thin-films (DGT) and extraction methods. 2010 , 337, 243-258		125
638	Preparation and Properties of the Hybrid Material n-Propyl(3-methylpyridinium)silsesquioxane Chloride. Application in Electrochemical Determination of Nitrite. <i>Electroanalysis</i> , 2010 , 22, 216-222	3	9
637	Direct Electrochemical Determination of Glyphosate at Copper Phthalocyanine/Multiwalled Carbon Nanotube Film Electrodes. <i>Electroanalysis</i> , 2010 , 22, n/a-n/a	3	12

636	Electroanalysis of Norepinephrine at Bare Gold Electrode Pure and Modified with Gold Nanoparticles and S-Functionalized Self-Assembled Layers in Aqueous Solution. Part II. <i>Electroanalysis</i> , 2010 , 22, 2641-2649	3	9
635	A sequential injection system for indirect spectrophotometric determination of lactic acid in yogurt and fermented mash samples. <i>Microchemical Journal</i> , 2010 , 96, 151-156	4.8	11
634	Voltammetric determination of paraquat at DNA-gold nanoparticle composite electrodes. 2010 , 55, 7892-7896		44
633	Voltammetric determination of ketoconazole using a polished silver solid amalgam electrode. 2010 , 55, 9083-9089		32
632	An amperometric sensor for L-cysteine based on nanostructured platform modified with 5,5'-dithiobis-2-nitrobenzoic acid (DTNB). <i>Sensors and Actuators B: Chemical</i> , 2010 , 146, 213-220	8.5	23
631	Determination of epinephrine in urine using multi-walled carbon nanotube modified with cobalt phthalocyanine in a paraffin composite electrode. <i>Sensors and Actuators B: Chemical</i> , 2010 , 148, 492-497	8.5	75
630	Use of constrained mixture design for optimization of method for determination of zinc and manganese in tea leaves employing slurry sampling. <i>Analytica Chimica Acta</i> , 2010 , 670, 33-8	6.6	25
629	Poly-xanthurenic acid as an efficient mediator for the electrocatalytic oxidation of NADH. 2010 , 12, 450-454		36
628	Quantitative high-performance thin-layer chromatography determination of common liposome components and critical parameters influencing the analysis results. 2010 , 20, 124-33		5
627	Square wave voltammetric determination of nitrofurantoin in pharmaceutical formulations on highly boron-doped diamond electrodes at different boron-doping contents. 2010 , 80, 1730-6		49
626	A chemical potential driven micro-membrane sampler and its application for the determination of trace carbonyl compounds in air. 2010 , 82, 1802-8		2
625	The use of a gold disc microelectrode for the determination of copper in human sweat. 2010 , 83, 167-70		18
624	Electrochemical detection in a paper-based separation device. <i>Analytical Chemistry</i> , 2010 , 82, 1162-5	7.8	183
623	Sensitive fluorescent detection and Lewis basicity of aliphatic amines. 2011 , 115, 14325-30		52
622	Preparation and electrochemical characterization of a carbon ceramic electrode modified with ferrocenecarboxylic acid. 2011 , 11, 1361-74		25
621	Thiocyanate and nitrite analysis using miniaturised isotachopheresis on a planar polymer chip. <i>Analyst, The</i> , 2011 , 136, 3170-6	5	11
620	Effect of organic P forms and P present in inorganic colloids on the determination of dissolved P in environmental samples by the diffusive gradient in thin films technique, ion chromatography, and colorimetry. <i>Analytical Chemistry</i> , 2011 , 83, 5317-23	7.8	54
619	Application of manganese (II) phthalocyanine synthesized in situ in the SiO ₂ /SnO ₂ mixed oxide matrix for determination of dissolved oxygen by electrochemical techniques. 2011 , 85, 1213-6		27

618	Influence of microwave heating on fluoride, chloride, nitrate and sulfate concentrations in water. 2011 , 85, 2707-10		4
617	Sensitive Voltammetric Determination of Captopril Using a Carbon Paste Electrode Modified with Nano-TiO ₂ /Ferrocene Carboxylic Acid. 2011 , 32, 1685-1692		30
616	Direct introduction of water sample in multisegmented flow-injection analysis for sulfide determination. 2011 , 27, 309-13		6
615	Highly sensitive fluorescent probe for detection of alkaloids. 2011 , 67, 9446-9449		34
614	Robust gas detection at sub ppm concentrations. <i>Sensors and Actuators B: Chemical</i> , 2011 , 160, 571-579	8.5	1
613	Utility of solid-phase spectrophotometry to determine trace amounts of zinc in environmental and biological samples. 2011 , 418, 172-9		2
612	The effect of composition of solid silver amalgam electrodes on their electrochemical response. 2011 , 15, 2023-2029		16
611	Determination of lead(II) in aqueous solution using carbon nanotubes paste electrodes modified with Amberlite IR-120. 2011 , 173, 485-493		9
610	Gold electrodes modified with gold nanoparticles and thio compounds for electrochemical sensing of dopamine alone and in presence of potential interferents. A comparative study. 2011 , 174, 19-30		22
609	Selenium speciation analysis at trace level in soils. <i>Analytica Chimica Acta</i> , 2011 , 684, 126-33	6.6	49
608	Electrochemical Glutathione Sensor Based on Electrochemically Deposited Poly-m-aminophenol. <i>Electroanalysis</i> , 2011 , 23, n/a-n/a	3	9
607	A Biosensor Based on Polyaniline-Carbon Nanotube Core-Shell for Electrochemical Detection of Pesticides. <i>Electroanalysis</i> , 2011 , 23, 2586-2593	3	31
606	Synthesis and Electrochemical Characterization of Poly(2-methoxy-4-vinylphenol) with MWCNTs. <i>Electroanalysis</i> , 2011 , 23, 2562-2568	3	9
605	Stir bar sorptive extraction of parabens, triclosan and methyl triclosan from soil, sediment and sludge with in situ derivatization and determination by gas chromatography-mass spectrometry. 2011 , 1218, 3837-44		58
604	Square-wave adsorptive voltammetry of dexamethasone: redox mechanism, kinetic properties, and electroanalytical determinations in multicomponent formulations. 2011 , 413, 148-56		21
603	Electrochemical mechanism and kinetics studies of haloperidol and its assay in commercial formulations. 2011 , 56, 2036-2044		16
602	Pendimethalin determination in natural water, baby food and river sediment samples using electroanalytical methods. <i>Microchemical Journal</i> , 2011 , 98, 135-143	4.8	20
601	Electrochemical copper (II) sensor based on self-assembled 4-amino-6-hydroxy-2-mercaptopyrimidine monohydrate. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 612-617	8.5	27

600	Sequential Injection Analysis of Ampicillin in Pharmaceuticals by Using Potentiometric Detectors Based on PVC and Sol-Gel Membranes. 2011 , 02, 491-499		3
599	Gold Electrodes Modified with Self-Assembled Layers Made of Sulphur Compounds and Gold Nanoparticles Used for Selective Electrocatalytic Oxidation of Catecholamine in the Presence of Interfering Ascorbic and Uric Acids. 2011 , 2011, 1-10		12
598	Determination of Vitamins A and E Exploiting Cloud Point Extraction and Micellar Liquid Chromatography. 2011 , 44, 778-786		10
597	Multilayer Films Electrodes Consisted of Cashew Gum and Polyaniline Assembled by the Layer-by-Layer Technique: Electrochemical Characterization and Its Use for Dopamine Determination. 2012 , 2012, 923208		11
596	Laser-induced breakdown spectroscopy (LIBS), part II: review of instrumental and methodological approaches to material analysis and applications to different fields. 2012 , 66, 347-419		927
595	Solid-Phase Microextraction Method Development. 2012 , 201-249		11
594	Gold nanoparticles on a thiol-functionalized silica network for ascorbic acid electrochemical detection in presence of dopamine and uric acid. 2012 , 16, 2957-2966		19
593	Gold nanoparticle/charged silsesquioxane films immobilized onto Al/SiO ₂ surface applied on the electrooxidation of nitrite. 2012 , 16, 3703-3713		36
592	Characterisation of occupational exposure to air contaminants in a nitrate fertiliser production plant. 2012 , 14, 2092-9		7
591	Gold nanocluster-based fluorescent probes for near-infrared and turn-on sensing of glutathione in living cells. 2012 , 28, 3945-51		148
590	Evaluation and application of the diffusive gradients in thin films technique using a mixed-binding gel layer for measuring inorganic arsenic and metals in mining impacted water and soil. <i>Analytical Chemistry</i> , 2012 , 84, 9988-95	7.8	42
589	Trace elements determination in high salinity petroleum produced formation water by high-resolution continuum source graphite furnace atomic absorption spectrometry after matrix separation using Chelex-100 resin. 2012 , 71-72, 92-97		14
588	Electrochemical sensing of ammonium ion at the water/1,6-dichlorohexane interface. 2012 , 88, 54-60		19
587	Separation and electrochemical detection of paracetamol and 4-aminophenol in a paper-based microfluidic device. <i>Analytica Chimica Acta</i> , 2012 , 725, 44-50	6.6	170
586	Mineral concentrations in the embryo and seed coat of common bean cultivars. 2012 , 26, 89-95		38
585	A pH-based high-throughput assay for transketolase: fingerprinting of substrate tolerance and quantitative kinetics. 2012 , 13, 2290-300		36
584	The Applicability of Plasma-Based Techniques to Biological Monitoring. 2012 , 269-317		
583	Gold nanoparticles electrodeposited on glassy carbon using cyclic voltammetry: Application to Hg(II) trace analysis. 2012 , 664, 46-52		136

582	Carbon nanotubes modified with antimony nanoparticles: A novel material for electrochemical sensing. 2012 , 85, 560-565		31
581	Electrocatalytic oxidation of NADH based on polyluminal and functionalized multi-walled carbon nanotubes. <i>Analyst, The</i> , 2012 , 137, 1378-83	5	17
580	An environmentally friendly analytical procedure for nickel determination by atomic and molecular spectrometry after cloud point extraction in different samples. 2012 , 4, 2429		16
579	Glass/PDMS hybrid microfluidic device integrating vertically aligned SWCNTs to ultrasensitive electrochemical determinations. 2012 , 12, 1959-62		24
578	Characterization and prediction by near-infrared reflectance of mineral composition of rocket (<i>Eruca vesicaria</i> subsp. <i>sativa</i> and <i>Eruca vesicaria</i> subsp. <i>vesicaria</i>). 2012 , 92, 1331-40		14
577	Highly Sensitive Neurotransmitters Analysis at Platinum-Ultramicroelectrodes Arrays. <i>Electroanalysis</i> , 2012 , 24, 1115-1120	3	2
576	Influence of the gold nanoparticles electrodeposition method on Hg(II) trace electrochemical detection. 2012 , 73, 15-22		66
575	Construction of a chemically modified electrode for the selective determination of nitrite and nitrate ions based on a new nanocomposite. 2012 , 66, 255-264		87
574	Construction of a new functional platform by grafting poly(4-vinylpyridine) in multi-walled carbon nanotubes for complexing copper ions aiming the amperometric detection of l-cysteine. 2012 , 71, 150-158		38
573	Development of a sensor for L-Dopa based on Co(DMG)(2)ClPy/multi-walled carbon nanotubes composite immobilized on basal plane pyrolytic graphite electrode. 2012 , 86, 22-9		31
572	A highly selective colorimetric sensor for Hg ²⁺ based on nitrophenyl-aminothiourea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 93, 245-9	4-4	35
571	Chromium speciation in environmental samples using a solid phase spectrophotometric method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 96, 541-7	4-4	27
570	The effects of copper on microbial activity and the degradation of atrazine and indoxacarb in a New Zealand soil. 2012 , 52, 64-74		35
569	Electrochemical study of the anticancer drug daunorubicin at a water/oil interface: drug lipophilicity and quantification. <i>Analytical Chemistry</i> , 2013 , 85, 1582-90	7.8	45
568	Limit of detection and limit of quantification development procedures for organochlorine pesticides analysis in water and sediment matrices. 2013 , 7, 63		63
567	Soil test measures of available P (Colwell, resin and DGT) compared with plant P uptake using isotope dilution. 2013 , 373, 711-722		41
566	Rational design, green synthesis of reaction-based dual-channel chemosensors for cyanide anion. 2013 , 54, 5031-5034		32
565	Electrochemical Detection of NADH, Cysteine, or Glutathione Using a Caffeic Acid Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013 , 25, 1613-1620	3	43

564	Spectrophotometric determination of iron in environmental and food samples using solid phase extraction. 2013 , 141, 1941-6		40
563	Oriented gold nanoparticle aggregation for colorimetric sensors with surprisingly high analytical figures of merit. 2013 , 135, 12338-45		253
562	1,4-Michael Addition – The Analytical Way for Quantitative Sensing of Neurotransmitter at Bare Gold Electrode in Physiological Solution in the Presence of Interfering Biogenic Compounds. <i>Electroanalysis</i> , 2013 , 25, 2067-2074	3	1
561	A green synthesis of a simple chemosensor that could instantly detect cyanide with high selectivity in aqueous solution. 2013 , 24, 699-702		11
560	Novel receptor for the rapid reaction and colorimetric detection of HSO ₃ ⁻ in aqueous solutions. 2013 , 29, 236-238		3
559	A dinuclear iridium(III) complex as a visual specific phosphorescent probe for endogenous sulphite and bisulphite in living cells. 2013 , 4, 4426		94
558	Colorimetric chemosensor and test kit for detection copper(II) cations in aqueous solution with specific selectivity and high sensitivity. <i>Dyes and Pigments</i> , 2013 , 98, 100-105	4.6	70
557	A selective fluorogenic chemodosimeter for Hg ²⁺ based on the dimerization of desulfurized product. 2013 , 69, 10292-10298		17
556	Fabrication of carbon quantum dots and their application for efficient detecting Ru(bpy) ₃ ²⁺ in the solution. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 209-214	8.5	60
555	Sensitive voltammetric responses and mechanistic insights into the determination of residue levels of endosulfan in fresh foodstuffs and raw natural waters. <i>Microchemical Journal</i> , 2013 , 110, 40-47	4.8	7
554	Carbon-fibre microelectrodes coupled with square-wave voltammetry for the direct analysis of dimethomorph fungicide in natural waters. <i>Microchemical Journal</i> , 2013 , 109, 84-92	4.8	16
553	Modified electrode using multi-walled carbon nanotubes and a metallopolymer for amperometric detection of l-cysteine. 2013 , 113, 332-339		23
552	Simultaneous Solid Phase Chelate Extraction for Ultratrace Determination of Copper, Nickel, and Zinc by Microsample Injection System Coupled Flame Atomic Absorption Spectrometry. 2013 , 46, 2570-2582		6
551	A Highly Selective Colorimetric Sensor for Cu ²⁺ Based on Phenolic Group Biscarbonyl Hydrazone. 2013 , 31, 271-276		18
550	Electrochemical Sensing of Catecholamines at the Water/ 1,6-Dichlorohexane Interface. <i>Electroanalysis</i> , 2013 , 25, n/a-n/a	3	
549	Carbon nanotubes modified with antimony nanoparticles in a paraffin composite electrode: Simultaneous determination of sulfamethoxazole and trimethoprim. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 1293-1299	8.5	43
548	Simultaneous electroanalytical determination of hydroquinone and catechol in the presence of resorcinol at an SiO ₂ /C electrode spin-coated with a thin film of Nb ₂ O ₅ . <i>Analyst, The</i> , 2013 , 138, 315-24	5	49
547	Dispersive liquid-liquid microextraction and microsample injection system coupled with inductively coupled plasma-mass spectrometry for inorganic arsenic speciation in natural waters. 2013 , 93, 1065-1073		13

546	Can the isotopic exchange kinetic method be used in soils with a very low water extractable phosphate content and a high sorbing capacity for phosphate ions?. 2013 , 200-201, 120-129		30
545	Highly sensitive and selective Cu ²⁺ sensor based on electrospun rhodamine dye doped poly(ether sulfones) nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 360-366	8.5	37
544	Electrochemical determination of nicotinamide adenine dinucleotide and hydrogen peroxide based on poly(xanthurenic acid), flavin adenine dinucleotide and functionalized multi-walled carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 184, 212-219	8.5	31
543	Determination of nitroaromatic and nitramine type energetic materials in synthetic and real mixtures by cyclic voltammetry. 2013 , 115, 768-78		26
542	Quantitative determination of biogenic amine at gold in the presence of secondary amine during electrochemical oxidation in physiological solution containing ascorbic and uric acids. 2013 , 90, 634-640		3
541	In situ activated nanostructured platform for oxidized glutathione biosensing. 2013 , 90, 309-316		9
540	Effect of the surface organization with carbon nanotubes on the electrochemical detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 14-18	8.5	30
539	Determination of thallium at ultra-trace levels in water and biological samples using solid phase spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 110, 262-8	4.4	12
538	A highly selective colorimetric sensor for Hg ²⁺ based on a copper (II) complex of thiosemicarbazone in aqueous solutions. 2013 , 56, 923-927		17
537	Determination of lamotrigine by using molecularly imprinted polymer-carbon paste electrode. 2013 , 692, 9-16		23
536	LIBS Analytical Figures of Merit and Calibration. 2013 , 123-150		4
535	A new approach for paper-based analytical devices with electrochemical detection based on graphite pencil electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 224-230	8.5	99
534	In situ immobilization of nickel(II) phthalocyanine on mesoporous SiO ₂ /C carbon ceramic matrices prepared by the sol-gel method: Use in the simultaneous voltammetric determination of ascorbic acid and dopamine. 2013 , 87, 140-147		34
533	Electrochemical sensor for ranitidine determination based on carbon paste electrode modified with oxovanadium (IV) salen complex. 2013 , 33, 4081-5		26
532	Enhancement effect of sodium-dodecyl sulfate on the anodic stripping voltammetric signal of phenylephrine hydrochloride at carbon paste electrode. 2013 , 704, 50-56		21
531	Selective extraction and preconcentration of chromium using <i>Moringa oleifera</i> husks as biosorbent and flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2013 , 109, 16-22	4.8	39
530	A sensitive and fast electrochemical sensor based on copper nanostructures for nitrate determination in foodstuffs and mineral waters. 2013 , 5, 3552		33
529	New redox and conducting polymer modified electrodes for cholesterol biosensing. 2013 , 5, 1199		20

528	Colorimetric chemosensors designed to provide high sensitivity for Hg ²⁺ in aqueous solutions. <i>Dyes and Pigments</i> , 2013 , 96, 1-6	4.6	43
527	A single FIA system coupled with reduction and distillation processes for the determination of sulfate ion by spectrophotometry. 2013 , 29, 559-62		0
526	Incorporation of conjugated linoleic and alpha linolenic fatty acids into <i>Pimodolus maculatus</i> fillets. 2013 , 33, 532-540		3
525	Organic and Conventional Coffee (<i>Coffea arabica</i> L.): Differences in the Content of Minerals and Studies in Healthy and Induced Cancer Rats. 2014 , 04,		
524	A Novel Highly Selective "Turn-On" Fluorescence Sensor for Silver Ions Based on Schiff Base. 2014 , 32, 1255-1258		14
523	Electrochemical determination of Sudan I in food products using a carbon nanotube-ionic liquid composite modified electrode. 2014 , 31, 1818-25		8
522	A Fluorescent Chemosensor for Dihydrogen Phosphate Ion Based on 2-[2-Hydroxy-4-(diethylamino) phenyl]-1H-imidazo[4,5-b]phenazine-Fe ³⁺ Ensemble. 2014 , 32, 1238-1244		19
521	Gold and Nanogold Electrodes Modified with Gold Nanoparticles and meso-2,3-Dimercaptosuccinic Acid for the Simultaneous, Sensitive and Selective Determination of Dopamine and Its Biogenic Interferents. <i>Electroanalysis</i> , 2014 , 26, 2152-2160	3	11
520	A distance-dependent metal-enhanced fluorescence sensing platform based on molecular beacon design. 2014 , 52, 367-73		69
519	Multicommuted Flow Analysis Procedure for Total Polyphenols Determination in Wines Employing Chemiluminescence Detection. 2014 , 7, 967-976		11
518	A green and efficient procedure for the preconcentration and determination of cadmium, nickel and zinc from freshwater, hemodialysis solutions and tuna fish samples by cloud point extraction and flame atomic absorption spectrometry. 2014 , 28, 160-165		57
517	Chitosan-ZnO/polyaniline nanocomposite modified glassy carbon electrode for selective detection of dopamine. 2014 , 67, 270-8		22
516	Highly photoluminescent silicon nanocrystals for rapid, label-free and recyclable detection of mercuric ions. 2014 , 6, 4096-101		72
515	Graphene nanosheets and quantum dots: a smart material for electrochemical applications. 2014 , 20, 4746-53		15
514	A highly selective and sensitive chemosensor for instant detection cyanide via different channels in aqueous solution. 2014 , 70, 1889-1894		52
513	Selective determination of caffeic acid in wines with electrochemical sensor based on molecularly imprinted siloxanes. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 238-246	8.5	55
512	Electrochemical analysis of p-nitrophenol in acidic or alkaline medium using silver nanoparticle decorated multi-walled carbon nanotubes. 2014 , 49, 5398-5405		24
511	Boehmite nanoparticle modified carbon paste electrode for determination of piroxicam. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 378-386	8.5	30

510	Electro-oxidation and voltammetric determination of oxymetholone in the presence of mestanolone using glassy carbon electrode modified with carbon nanotubes. 2014 , 121, 1-8		20
509	Carbon nanotube/Prussian blue paste electrodes: Characterization and study of key parameters for application as sensors for determination of low concentration of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2014 , 192, 782-790	8.5	46
508	Analysis of human breath samples using a modified thermal desorption: gas chromatography electrospray ionization interface. 2014 , 8, 037105		22
507	General chelating action of copper, zinc and iron in mammalian cells. 2014 , 6, 8488-8493		15
506	Simultaneous Detection of Homocysteine and Cysteine in the Presence of Ascorbic Acid and Glutathione Using a Nanocarbon Modified Electrode. <i>Electroanalysis</i> , 2014 , 26, 1488-1496	3	28
505	Label-free fluorescence polarization detection of pyrophosphate based on 0D/1D fast transformation of CdTe nanostructures. <i>Analyst, The</i> , 2014 , 139, 3541-7	5	6
504	Synergistic coupling of fluorescent "turn-off" with spectral overlap modulated FRET for ratiometric Ag ⁺ sensor. 2014 , 53, 12186-90		26
503	Double metal ions competitively control the guest-sensing process: a facile approach to stimuli-responsive supramolecular gels. 2014 , 20, 11457-62		79
502	Simultaneous determination of epinephrine and dopamine by electrochemical reduction on the hybrid material SiO ₂ /graphene oxide decorated with Ag nanoparticles. <i>Analyst, The</i> , 2014 , 139, 4634-40	5	56
501	Sarcosine oxidase composite screen-printed electrode for sarcosine determination in biological samples. <i>Analytica Chimica Acta</i> , 2014 , 850, 26-32	6.6	41
500	New contribution in the study of phase formation in mixed alkanethiol self-assembled monolayers: a powerful tool for transducers design. 2014 , 142, 191-201		7
499	A highly selective colorimetric chemosensor for detection of nickel ions in aqueous solution. 2014 , 38, 1418-1423		69
498	Modification of indium tin oxide with dendrimer-encapsulated nanoparticles to provide enhanced stable electrochemiluminescence of Ru(bpy) ₃ (2+)/tripropylamine while preserving optical transparency of indium tin oxide for sensitive electrochemiluminescence-based analyses. <i>Analytical Chemistry</i> , 2014 , 86, 1554-60	7.8	78
497	Application of the diffusive gradients in thin films technique for available potassium measurement in agricultural soils: effects of competing cations on potassium uptake by the resin gel. <i>Analytica Chimica Acta</i> , 2014 , 842, 27-34	6.6	9
496	A novel platform based on graphene/poly(3,4-ethylenedioxythiophene)/iron (III) hexacyanoferrate (II) composite film for electrocatalytic reduction of H ₂ O ₂ . 2014 , 732, 93-100		12
495	Rewritable security display material and Cl ⁻ sensor: Based on a bimetal competitive coordination controlled supramolecular gel. 2014 , 137, 444-446		6
494	A novel strategy for the design of smart supramolecular gels: controlling stimuli-response properties through competitive coordination of two different metal ions. 2014 , 50, 10669-71		56
493	The influence of organization of LbL films containing a silsesquioxane polymer on the electrochemical response of dopamine. 2014 , 44, 1047-1058		21

492	Characterization of heteroscedastic measurement noise in the absence of replicates. <i>Analytica Chimica Acta</i> , 2014 , 847, 16-28	6.6	15
491	Competitive coordination control of the AIE and micro states of supramolecular gel: an efficient approach for reversible dual-channel stimuli-response materials. 2014 , 10, 8427-32		34
490	Sensitive determination of nitric oxide using an electrochemical sensor based on MWCNTs decorated with spherical Au nanoparticles. 2014 , 18, 2497-2504		14
489	Maize tassel-modified carbon paste electrode for voltammetric determination of Cu(II). 2014 , 186, 4807-17		14
488	In situ ³³ P-labelling of canola and lupin to estimate total phosphorus accumulation in the root system. 2014 , 382, 291-299		7
487	Synthesis of highly dispersed zinc oxide nanoparticles on carboxylic graphene for development a sensitive acetylcholinesterase biosensor. <i>Sensors and Actuators B: Chemical</i> , 2014 , 190, 730-736	8.5	60
486	Simultaneous determination of Se, trace elements and major elements in Se-rich rice by dynamic reaction cell inductively coupled plasma mass spectrometry (DRC-ICP-MS) after microwave digestion. 2014 , 159, 507-11		25
485	Electrocatalytic activity of gold modified with gold nanoparticles and self-assembled layers of meso-2,3-dimercaptosuccinic acid for oxidation of epinephrine in the presence of ascorbic and uric acids. 2014 , 123, 135-143		7
484	Electrochemical Detection of Nitrite in Meat and Water Samples Using a Mesoporous Carbon Ceramic SiO ₂ /C Electrode Modified with In Situ Generated Manganese(II) Phthalocyanine. <i>Electroanalysis</i> , 2014 , 26, 541-547	3	30
483	Cyanide detection using a benzimidazole derivative in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 773-7	4.4	33
482	Determination of Norepinephrine Alone and in the Presence of Ascorbic and Uric Acids Using a Gold Electrode Modified with Gold Nanoparticles and Self-Assembled Layers of meso-2,3-Dimercaptosuccinic Acid. <i>Electroanalysis</i> , 2014 , 26, 1461-1470	3	9
481	A highly selective chemosensor for Al(III) and Zn(II) and its coordination with metal ions. 2014 , 53, 3012-21		100
480	Computer-assisted electrochemical fabrication of a highly selective and sensitive amperometric nitrite sensor based on surface decoration of electrochemically reduced graphene oxide nanosheets with CoNi bimetallic alloy nanoparticles. 2014 , 40, 109-20		37
479	A novel acetylcholinesterase biosensor based on carboxylic graphene coated with silver nanoparticles for pesticide detection. 2014 , 35, 253-8		48
478	Analytical developments for the determination of monomethylmercury complexes with low molecular mass thiols by reverse phase liquid chromatography hyphenated to inductively coupled plasma mass spectrometry. 2014 , 1339, 50-8		6
477	A new self-assembled layer-by-layer glucose biosensor based on chitosan biopolymer entrapped enzyme with nitrogen doped graphene. 2014 , 99, 46-52		68
476	Geochemistry of Istrian Lower Palaeogene bauxites – is it relevant to the extent of subaerial exposure during Cretaceous times?. 2014 , 63, 296-306		11
475	TICT-ICT state change mechanism based acetate fluorescent sensor act as an "off-on-off" switch and logic gate. <i>Sensors and Actuators B: Chemical</i> , 2014 , 190, 459-463	8.5	29

474	Fluorescence-Based Kinetic Assay for High-Throughput Discovery and Engineering of Stereoselective α -Transaminases. 2015 , 357, 1721-1731		19
473	Development of a flow-injection analysis system with fluorescence detection for gatifloxacin determination in organized medium. 2015 , 30, 337-42		1
472	A Nitrite Electrochemical Sensor Based on Boron-Doped Diamond Planar Electrochemical Microcells Modified with a Monolacunary Silicotungstate Polyoxoanion. <i>Electroanalysis</i> , 2015 , 27, 1359-1367	3	21
471	Enhanced Electrochemiluminescence of Luminol on Indium Tin Oxide Modified with Dendrimer-Encapsulated Au Nanoparticles. <i>Electroanalysis</i> , 2015 , 27, 2180-2186	3	13
470	Programmable α -Sensitized Sensor: Relevance to Monitoring Antipsychotics. 2015 , 25, 2156-2165		20
469	About Estimating the Limit of Detection by the Signal to Noise Approach. 2015 , 06,		37
468	NiCu Alloy Nanoparticle-Loaded Carbon Nanofibers for Phenolic Biosensor Applications. 2015 , 15, 29419-33		20
467	A reversible dual-channel chemosensor for fluoride anion. 2015 , 27, 552-558		5
466	Molecularly imprinted electrochemical sensor for the highly selective and sensitive determination of melamine. 2015 , 55, 457-61		33
465	Comparison and statistical evaluation of neutron activation methodologies for the determination of gold in copper concentrate. 2015 , 7, 3833-3840		8
464	A fluorescent biosensor of lysozyme-stabilized copper nanoclusters for the selective detection of glucose. 2015 , 5, 101599-101606		40
463	Non-covalent binding analysis of sulfamethoxazole to human serum albumin: Fluorescence spectroscopy, UV-vis, FT-IR, voltammetric and molecular modeling. 2015 , 5, 143-152		28
462	A novel reversible colorimetric chemosensor for rapid naked-eye detection of Cu ²⁺ in pure aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2015 , 211, 325-331	8.5	37
461	Fluorescent "turn-on" detecting CN ⁻ by nucleophilic addition induced Schiff-base hydrolysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 141, 113-8	4.4	15
460	Gross organic phosphorus mineralization rates can be assessed in a Ferralsol using an isotopic dilution method. 2015 , 257-258, 86-93		14
459	An Electrochemical Micro-System for Clozapine Antipsychotic Treatment Monitoring. 2015 , 163, 260-270		16
458	Germanium nanocrystals as luminescent probes for rapid, sensitive and label-free detection of Fe ³⁺ ions. 2015 , 7, 5488-94		14
457	Recyclable lanthanide-functionalized MOF hybrids to determine hippuric acid in urine as a biological index of toluene exposure. 2015 , 51, 14509-12		85

456	Highly sensitive p-nitrophenol determination employing a new sensor based on N-Methylphenazonium methyl sulfate and graphene: Analysis in natural and treated waters. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 740-749	8.5	23
455	Colorimetric probes designed to provide high sensitivity and single selectivity for CN ³⁻ in aqueous solution. 2015 , 39, 7206-7210		19
454	The fluorescence detection of glutathione by •OH radicals' elimination with catalyst of MoS ₂ /rGO under full spectrum visible light irradiation. 2015 , 144, 551-8		30
453	Dispersive liquid-liquid microextraction combined with laser-induced breakdown spectrometry and inductively coupled plasma optical emission spectrometry to elemental analysis. <i>Microchemical Journal</i> , 2015 , 121, 219-226	4.8	35
452	Electrocatalytic activity of activated niclosamide on multi-walled carbon nanotubes glassy carbon electrode toward NADH oxidation. 2015 , 19, 2819-2829		4
451	Selective colorimetric and turn-on fluorimetric detection of cyanide using an acylhydrazone sensor in aqueous media. 2015 , 39, 4041-4046		57
450	Mercury(II) trace detection by a gold nanoparticle-modified glassy carbon electrode using square-wave anodic stripping voltammetry including a chloride desorption step. 2015 , 141, 26-32		43
449	Co ₉ S ₈ hollow spheres for enhanced electrochemical detection of hydrogen peroxide. 2015 , 141, 73-9		26
448	A simple pincer-type chemosensor for reversible fluorescence turn-on detection of zinc ion at physiological pH range. 2015 , 39, 4162-4167		11
447	Molecular interaction investigation between three CdTe:Zn(2+) quantum dots and human serum albumin: A comparative study. 2015 , 136, 955-62		25
446	A Sensitive Sensor for trace Hg ²⁺ Determination Based on Ultrathin g-C ₃ N ₄ Modified Glassy Carbon Electrode. 2015 , 186, 192-200		70
445	A highly selective colorimetric and off-on fluorescent chemosensor for fluoride ions and its application as a molecular-scale logic device. 2015 , 39, 8797-8801		21
444	A superoxide dismutase mimic nanocomposite for amperometric sensing of superoxide anions. 2015 , 182, 1045-1053		28
443	Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane. <i>Sensors and Actuators B: Chemical</i> , 2015 , 209, 630-638 ^{8.5}	8.5	23
442	A facile one-step in situ synthesis of copper nanostructures/graphene oxide as an efficient electrocatalyst for 2-naphthol sensing application. 2015 , 153, 352-360		30
441	A novel supramolecular metallogel-based high-resolution anion sensor array. 2015 , 51, 1635-8		179
440	Acylhydrazone based fluorescent chemosensor for zinc in aqueous solution with high selectivity and sensitivity. <i>Sensors and Actuators B: Chemical</i> , 2015 , 208, 581-587	8.5	76
439	Effect of the addition of chia's by-product on the composition of fatty acids in hamburgers through chemometric methods. 2015 , 95, 928-35		14

438	Highly selective and effective mercury(II) fluorescent sensors. 2015 , 39, 843-848		76
437	Heterocyclic ring based colorimetric and fluorescent chemosensor for transition metal ions in an aqueous medium. <i>Journal of Luminescence</i> , 2015 , 158, 484-492	3.8	10
436	A controlled microfluidic electrochemical lab-on-a-chip for label-free diffusion-restricted DNA hybridization analysis. 2015 , 64, 579-85		36
435	Real-time surrogate analysis for potential oil and gas contamination of drinking water resources. 2015 , 5, 283-289		5
434	Solid-Phase Extractive Preconcentration of Trace Copper as its Calmagite Anionic Chelate using a Polyaniline Column for Flame Atomic Absorption Spectrometric Determination. 2015 , 48, 632-646		3
433	Nutritional and bioactive compounds of adzuki beans cultivars using chemometric approach. 2016 , 40, 104-113		12
432	Electrochemical Determination of Food Preservative Nitrite with Gold Nanoparticles/p-Aminothiophenol-Modified Gold Electrode. 2016 , 17,		31
431	Molecularly Imprinted Polymers Based Electrochemical Sensor for 2,4-Dichlorophenol Determination. 2016 , 8,		13
430	Multivariate optimization of a method for antimony determination by hydride generation atomic fluorescence spectrometry in hair samples of patients undergoing chemotherapy against Leishmaniasis. 2016 , 88, 1179-90		7
429	Gold Surface Functionalization with S-containing Organic Compounds and Gold Nanoparticles for Ethylene Glycol Electrooxidation. <i>Electroanalysis</i> , 2016 , 28, 711-717	3	1
428	Novel Fluorescent Chemosensor for Detection of F ⁻ Anions Based on a Single Functionalized Pillar[5]arene Iron(III) Complex. 2016 , 34, 1263-1267		11
427	Tailoring Catalytic Activity of Pt Nanoparticles Encapsulated Inside Dendrimers by Tuning Nanoparticle Sizes with Subnanometer Accuracy for Sensitive Chemiluminescence-Based Analyses. <i>Analytical Chemistry</i> , 2016 , 88, 4751-8	7.8	47
426	Incorporation of thermally activated zeolite into carbon paste electrodes for voltammetric detection of carbendazim traces in milk samples. 2016 , 46, 713-723		22
425	High performance electrochemical sensors for dopamine and epinephrine using nanocrystalline carbon quantum dots obtained under controlled chronoamperometric conditions. 2016 , 209, 464-470		70
424	A dual-emitting 4d-4f nanocrystalline metal-organic framework as a self-calibrating luminescent sensor for indoor formaldehyde pollution. 2016 , 8, 12047-53		112
423	Effective NADH sensing by electrooxidation on carbon-nanotube-coated platinum electrodes. 2016 , 773, 7-12		9
422	Development of dummy molecularly imprinted based on functionalized silica nanoparticles for determination of acrylamide in processed food by matrix solid phase dispersion. 2016 , 210, 78-84		146
421	Multi-walled carbon nanotubes-cobalt phthalocyanine modified electrode for electroanalytical determination of acetaminophen. 2016 , 772, 9-16		35

420	Highly sensitive electrocatalytic determination of pyrazinamide using a modified poly(glycine) glassy carbon electrode by square-wave voltammetry. 2016 , 20, 2509-2516		14
419	Electrochemical Studies of Inclusion Complex Formed Between Glutathione and β -cyclodextrin-modified Carbon Electrodes and its Application for Determination of Glutathione. <i>Electroanalysis</i> , 2016 , 28, 3055-3065	3	8
418	Functionalization of indium tin oxide electrode with both of dendrimer-encapsulated Pt nanoparticles and chemically converted graphenes for enhanced electrochemiluminescence of luminol/H ₂ O ₂ . 2016 , 408, 7165-72		9
417	Climatic controls on debris-flow activity and sediment aggradation: The Del Medio fan, NW Argentina. 2016 , 121, 2424-2445		12
416	A highly selective colorimetric chemosensor for detection of iodide ions in aqueous solution. 2016 , 6, 86627-86631		22
415	Anodic stripping voltammetric measurement of trace cadmium at antimony film modified sodium montmorillonite doped carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2016 , 237, 570-574	8.5	24
414	Benzoxazinoids in Prostate Cancer Patients after a Rye-Intensive Diet: Methods and Initial Results. 2016 , 64, 8235-8245		10
413	Utilization of a new gold/Schiff-base iron(III) complex composite as a highly sensitive voltammetric sensor for determination of epinephrine in the presence of ascorbic acid. 2016 , 6, 101888-101899		7
412	Determination of Polyphenol Content by Formation of Unstable Compound Using a Mini-Pump Multicommutation System. 2016 , 9, 2261-2269		2
411	Highly selective colorimetric receptors for detection of fluoride ion in aqueous solution based on quinone-imidazole ensemble—Influence of hydroxyl group. <i>Sensors and Actuators B: Chemical</i> , 2016 , 237, 230-238	8.5	17
410	Urea in Weaver Ant Feces: Quantification and Investigation of the Uptake and Translocation of Urea in <i>Coffea arabica</i> . 2016 , 35, 803-814		4
409	A Practical Method for Accurate Measurement of Trace Level Fluorine in Mg- and Fe-Bearing Minerals and Glasses Using Electron Probe Microanalysis. 2016 , 40, 351-363		27
408	Sniffing lung cancer related biomarkers using an oxidized graphene SAW sensor. 2016 , 11, 1		4
407	Screen-printed electrodes made of a bismuth nanoparticle porous carbon nanocomposite applied to the determination of heavy metal ions. 2016 , 183, 617-623		61
406	Electrochemical characterisation of poly(3,4-ethylenedioxythiophene) film modified glassy carbon electrodes prepared in deep eutectic solvents for simultaneous sensing of biomarkers. 2016 , 187, 704-713		45
405	Electrochemical deposition of the new manganese(II) Schiff-base complex on a gold template and its application for dopamine sensing in the presence of interfering biogenic compounds. 2016 , 149, 347-355		22
404	Enrichment of Food Mixtures with Essential Fatty Acids and Calcium from Nile Tilapia By-Products. 2016 , 25, 471-481		1
403	A Highly Selective Chemosensor for Cyanide Derived from a Formyl-Functionalized Phosphorescent Iridium(III) Complex. 2016 , 55, 3448-61		46

402	Simultaneous determination of ethionamide and pyrazinamide using poly(L-cysteine) film-modified glassy carbon electrode. 2016 , 154, 197-207		28
401	Quantifying total phosphorus accumulation below-ground by canola and lupin plants using ³³ P-labelling. 2016 , 401, 39-50		1
400	The hemoglobin-modified electrode with chitosan/Fe ₃ O ₄ nanocomposite for the detection of trichloroacetic acid. 2016 , 20, 1337-1344		12
399	GC electrode modified with carbon nanotubes and NiO for the simultaneous determination of bisphenol A, hydroquinone and catechol. 2016 , 196, 48-55		75
398	A highly sensitive and selective α -turn-on fluorescence sensor for rapid detection of cyanide ions in aqueous solution. 2016 , 28, 720-726		18
397	Simultaneous determination of indoor ammonia pollution and its biological metabolite in the human body with a recyclable nanocrystalline lanthanide-functionalized MOF. 2016 , 8, 2881-6		87
396	Visible LED light photoelectrochemical sensor for detection of L-Dopa based on oxygen reduction on TiO ₂ sensitized with iron phthalocyanine. 2016 , 62, 1-4		35
395	Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode. 2016 , 760, 135-142		18
394	Rational design, synthesis of reaction-based dual-channel cyanide sensor in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 152, 288-93	4.4	28
393	Influence of the different carbon nanotubes on the development of electrochemical sensors for bisphenol A. 2016 , 58, 768-73		29
392	Coordination-induced gelation of an L-glutamic acid Schiff base derivative: the anion effect and cyanide-specific selectivity. 2016 , 52, 768-71		46
391	Effect of Gold Modification with 3-Mercaptopropionic Acid, Cysteamine and Gold Nanoparticles on Monoethanolamine Electrooxidation. 2016 , 7, 79-86		4
390	Electrochemical determination of paraquat in potato, lemon, orange and natural water samples using sensitive-rich clay carbon electrode. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 58, 165-172	5.3	9
389	Electrochemical detection of lead (II) at bismuth/Poly(1,8-diaminonaphthalene) modified carbon paste electrode. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 596-603	5.9	49
388	Neodymium(III) organic frameworks (Nd-MOF) as near infrared fluorescent probe for highly selectively sensing of Cu ²⁺ . <i>Inorganic Chemistry Communication</i> , 2017 , 76, 18-21	3.1	13
387	Melted Paraffin Wax as an Innovative Liquid and Solid Extractant for Elemental Analysis by Laser-Induced Breakdown Spectroscopy. <i>Analytical Chemistry</i> , 2017 , 89, 2807-2815	7.8	18
386	A reaction based colorimetric chemosensor for the detection of cyanide ion in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 319-326	8.5	36
385	Water compatible molecularly imprinted nanoparticles as a restricted access material for extraction of hippuric acid, a biological indicator of toluene exposure, from human urine. 2017 , 184, 879-887		108

384	New self-assembled layers composed with gold nanoparticles, cysteamine and dihydrolipoic acid deposited on bare gold template for highly sensitive and selective simultaneous sensing of dopamine in the presence of interfering ascorbic and uric acids. 2017 , 21, 747-758		9
383	Series d-f Heteronuclear Metal-Organic Frameworks: Color Tunability and Luminescent Probe with Switchable Properties. 2017 , 56, 1713-1721		250
382	Soft Nanocomposite Based Multi-point, Multi-directional Strain Mapping Sensor Using Anisotropic Electrical Impedance Tomography. <i>Scientific Reports</i> , 2017 , 7, 39837	4.9	58
381	A novel water soluble chemosensor based on carboxyl functionalized NDI derivatives for selective detection and facile removal of mercury(II). 2017 , 7, 11206-11210		14
380	Computational modeling of functionalized multi-walled carbon nanotubes dispersed in polyethylenimine for electrochemical sensing of acetaminophen. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 969-978	8.5	14
379	A Turn-On Fluorescence Chemosensor for Cyanide in Aqueous Media Based on a Nucleophilic Addition Reaction. 2017 , 35, 1165-1169		5
378	A novel histidine-functionalized 1,8-naphthalimide-based fluorescent chemosensor for the selective and sensitive detection of Hg ²⁺ in water. 2017 , 41, 3303-3307		17
377	Differential pulse voltammetry as an alternate technique for over oxidation of polymers: Application of electrochemically synthesized over oxidized poly (Alizarin Red S) modified disposable pencil graphite electrodes for simultaneous detection of hydroquinone and catechol. 2017 , 788, 148-153		27
376	Imipramine sensing in pharmaceutical formulations using boron-doped diamond electrode. 2017 , 788, 118-124		19
375	The present and future of withdrawal period calculations for milk in the European Union: dealing with data below the limit of quantification. 2017 , 40, 116-122		5
374	Preconcentration system for determination of lead in chicken feed using <i>Moringa oleifera</i> husks as a biosorbent. <i>Microchemical Journal</i> , 2017 , 133, 327-332	4.8	16
373	Highly Sensitive Detection of Bisphenol A by NanoAptamer Assay with Truncated Aptamer. 2017 , 9, 14889-14898		98
372	Development of a Lower Toxic Approach Based on Green Synthesis of Water-Compatible Molecularly Imprinted Nanoparticles for the Extraction of Hydrochlorothiazide from Human Urine. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3775-3785	8.3	199
371	Non-Enzymatic Selective Determination of Catechol Using Copper Microparticles Modified Polypyrrole Coated Glassy Carbon Electrodes. 2017 , 164, B274-B284		11
370	Sensitive label-free resonance Rayleigh scattering DNA machine-based dual amplification strategy for the active uracil-DNA glycosylase assay. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 300-306	8.5	13
369	Determination of inorganic arsenic in natural waters after selective extraction using <i>Moringa oleifera</i> seeds. 2017 , 106, 431-435		6
368	Functionalized Multiwalled Carbon Nanotube Electrochemical Sensor for Determination of Anticancer Drug Flutamide. 2017 , 46, 5619-5628		22
367	Minimal Residual Disease Monitoring of Acute Myeloid Leukemia by Massively Multiplex Digital PCR in Patients with NPM1 Mutations. 2017 , 19, 537-548		48

366	A novel imidazophenazine-based metallogel act as reversible H ₂ PO ₄ ³⁻ sensor and rewritable fluorescent display material. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 250-255	8.5	27
365	Electrochemical determination of traces lead ions using a new nanocomposite of polypyrrole/carbon nanofibers. 2017 , 21, 3289-3300		44
364	Benzoquinone based chemodosimeters for selective and sensitive colorimetric and turn-on fluorescent sensing of cyanide in water. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 380-388	8.5	20
363	Aptamer-based detection of adenosine triphosphate via qPCR. 2017 , 172, 199-205		11
362	Highly selective voltammetric sensing of paracetamol on nanogold modified electrode in the presence of interfering compounds. 2017 , 41, 5713-5722		17
361	Sensitive and Selective Fluorescent and Colorimetric Sensor for Ag ⁺ Based on the Supramolecular Self-Assembly in Semi-Water. 2017 , 35, 1311-1316		5
360	Electron Probe Microanalysis of Bromine in Minerals and Glasses with Correction for Spectral Interference from Aluminium, and Comparison with Microbeam Synchrotron X-Ray Fluorescence Spectrometry. 2017 , 41, 449-457		10
359	Eu(III)-functionalized ZnO@MOF heterostructures: integration of pre-concentration and efficient charge transfer for the fabrication of a ppb-level sensing platform for volatile aldehyde gases in vehicles. 2017 , 5, 2215-2223		82
358	Phenazine-based colorimetric and fluorescent sensor for the selective detection of cyanides based on supramolecular self-assembly in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 175, 117-124	4.4	16
357	Determination of Urinary 1-Hydroxypyrene for Biomonitoring of Human Exposure to Polycyclic Aromatic Hydrocarbons Carcinogens by a Lanthanide-functionalized Metal-Organic Framework Sensor. 2017 , 27, 1603856		179
356	Ziram herbicide determination using a polished silver solid amalgam electrode. 2017 , 224, 541-550		14
355	Iodine Controlled Pillar[5]arene-Based Multiresponsive Supramolecular Polymer for Fluorescence Detection of Cyanide, Mercury, and Cysteine. 2017 , 50, 7863-7871		176
354	A non-enzymatic glucose sensor based on CuO-nanostructure modified carbon ceramic electrode. <i>Journal of Molecular Liquids</i> , 2017 , 248, 425-431	6	22
353	A novel supramolecular polymer gel based on naphthalimide functionalized-pillar[5]arene for the fluorescence detection of Hg and I and recyclable removal of Hg via cation-π interactions. 2017 , 13, 7085-7089		73
352	A Luminescent 3d-4f-4d MOF Nanoprobe as a Diagnosis Platform for Human Occupational Exposure to Vinyl Chloride Carcinogen. 2017 , 56, 11176-11183		38
351	Electrochemical Biosensors. 2017 , 27-66		
350	Hollow porous molecularly imprinted polymer for highly selective clean-up followed by influential preconcentration of ultra-trace glibenclamide from bio-fluid. 2017 , 1520, 65-74		118
349	Novel supramolecular sensors constructed from pillar[5]arene and a naphthalimide for efficient detection of Fe ³⁺ and F ⁻ in water. 2017 , 41, 12172-12177		6

348	Three Cadmium Coordination Polymers with Carboxylate and Pyridine Mixed Ligands: Luminescent Sensors for Fe and Cr Ions in an Aqueous Medium. 2017 , 56, 11768-11778		143
347	Determination of impurities in graphite using synchrotron radiation based X-ray fluorescence spectrometry. 2017 , 128, 210-215		2
346	A silver ion fabricated lanthanide complex as a luminescent sensor for aspartic acid. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 1006-1011	8.5	26
345	Bibliography. 2017 , 331-334		
344	A Eu(III) doped metal-organic framework conjugated with fluorescein-labeled single-stranded DNA for detection of Cu(II) and sulfide. <i>Analytica Chimica Acta</i> , 2017 , 988, 89-95	6.6	31
343	An efficient iodide ion chemosensor and a rewritable dual-channel security display material based on an ion responsive supramolecular gel. 2017 , 7, 38210-38215		7
342	A benzimidazole functionalized NDI derivative for recyclable fluorescent detection of cyanide in water. 2017 , 7, 38458-38462		12
341	Ratiometric Fluorescent Detection of Pb by FRET-Based Phthalocyanine-Porphyrin Dyads. 2017 , 56, 14533-14539		19
340	A colorimetric and fluorometric chemosensor for the selective detection of cyanide ion in both the aqueous and solid phase. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 942-948	8.5	20
339	A water-soluble pillar[5]arene-based chemosensor for highly selective and sensitive fluorescence detection of L-methionine. 2017 , 7, 34411-34414		14
338	Preparation of electrochemically treated nanoporous pencil-graphite electrodes for the simultaneous determination of Pb and Cd in water samples. 2017 , 409, 4827-4837		13
337	Novel fluorescent cyanide-selective chemosensor based on a functionalised pillar[5]arene copper(II) complex. 2017 , 29, 411-416		10
336	Evaluation of a novel composite based on functionalized multi-walled carbon nanotube and iron phthalocyanine for electroanalytical determination of isoniazid. 2017 , 21, 1089-1099		13
335	Seasonal effects to metallothionein responses to metal exposure in a naturalised population of <i>Ruditapes philippinarum</i> in a semi-enclosed estuarine environment. <i>Science of the Total Environment</i> , 2017 , 575, 1279-1290	10.2	12
334	A novel benzidine based Schiff base "turn-on" fluorescent chemosensor for selective recognition of Zn ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017 , 241, 1218-1223	8.5	32
333	Selective sensing of cyanide in aqueous solution by quinone-indole ensembles "quantitative effect of substituents on the HBD property of the receptor moiety. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 736-745	8.5	18
332	Ambient aerosol composition by infrared spectroscopy and partial least squares in the chemical speciation network: Multilevel modeling for elemental carbon. 2018 , 52, 642-654		5
331	A water-soluble fluorescent chemosensor based on Asp functionalized naphthalimide for successive detection Fe ³⁺ and H ₂ PO ₄ ²⁻ <i>Canadian Journal of Chemistry</i> , 2018 , 96, 363-370	0.9	5

330	Rapid Detection of the Biomarkers for Carcinoid Tumors by a Water Stable Luminescent Lanthanide Metal-Organic Framework Sensor. 2018 , 28, 1707169		235
329	Competition of cation- π and exo-wall π - π interactions: a novel approach to achieve ultrasensitive response. 2018 , 54, 4549-4552		70
328	Application of stripping voltammetry method for the analysis of available copper, zinc and manganese contents in soil samples. 2018 , 98, 308-322		5
327	Lanthanide hybrids of covalently-coordination cooperative post-functionalized metal-organic frameworks for luminescence tuning and highly-selectively sensing of tetrahydrofuran. 2018 , 47, 6210-6217		40
326	A novel pillar[5]arene-based supramolecular organic framework gel to achieve an ultrasensitive response by introducing the competition of cation- π and π - π interactions. 2018 , 14, 3624-3631		21
325	Fluorescence detection of urinary N-methylformamide for biomonitoring of human occupational exposure to N,N-dimethylformamide by Eu(III) functionalized MOFs. <i>Sensors and Actuators B: Chemical</i> , 2018 , 261, 153-160	8.5	46
324	CuO nanoparticles decorated 3D graphene nanocomposite as non-enzymatic electrochemical sensing platform for malathion detection. 2018 , 812, 82-89		41
323	Development of an automated flow injection analysis system for determination of phosphate in nutrient solutions. 2018 , 98, 3926-3934		6
322	Enhancement of mass transfer coefficient towards carbon nanotube nanoelectrode array. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 1052-1058	8.5	8
321	Three-dimensional Au nanoparticles/nano-poly(3,4-ethylene dioxythiophene)- graphene aerogel nanocomposite: A high-performance electrochemical immunosensing platform for prostate specific antigen detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 990-997	8.5	44
320	Fabrication of water-compatible superparamagnetic molecularly imprinted biopolymer for clean separation of baclofen from bio-fluid samples: A mild and green approach. 2018 , 179, 760-768		95
319	Consumption of water from ex-mining ponds in Klang Valley and Melaka, Malaysia: A health risk study. 2018 , 195, 641-652		11
318	In situ immobilization of CuO on SiO ₂ /graphite matrix, modified with benzimidazolium-1-acetate ionic liquid: Application as catechol sensor. <i>Journal of Molecular Liquids</i> , 2018 , 251, 450-457	6	10
317	Experimental and statistical optimization of the hydrogen reduction process of nickel oxide. 2018 , 33, 856-862		
316	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. 2018 , 10, 4140-4150		245
315	Nano carbon black-based screen printed sensor for carbofuran, isoprocarb, carbaryl and fenobucarb detection: application to grain samples. 2018 , 186, 389-396		64
314	A novel water soluble pillar[5]arene and phenazine derivative self-assembled pseudorotaxane sensor for the selective detection of Hg ²⁺ and Ag ⁺ with high selectivity and sensitivity. 2018 , 42, 10148-10152		9
313	Dual-labelling (¹⁵ N and ³³ P) provides insights into stoichiometry and release of nitrogen and phosphorus from in situ mature lupin and canola below-ground residues. 2018 , 426, 77-93		2

312	Fluorogenic kinetic assay for high-throughput discovery of stereoselective ketoreductases relevant to pharmaceutical synthesis. 2018 , 26, 1320-1326		6
311	Modification of carbon paste electrodes with recrystallized zeolite for simultaneous quantification of thiram and carbendazim in food samples and an agricultural formulation. 2018 , 259, 66-76		42
310	Oligothiophene-based colorimetric and ratiometric fluorescence dual-channel cyanide chemosensor: Sensing ability, TD-DFT calculations and its application as an efficient solid state sensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 193, 289-296	4.4	31
309	Synergic effect of silver nanoparticles and carbon nanotubes on the simultaneous voltammetric determination of hydroquinone, catechol, bisphenol A and phenol. 2017 , 185, 12		79
308	Electrooxidation of sulfanilamide and its voltammetric determination in pharmaceutical formulation, human urine and serum on glassy carbon electrode. 2018 , 8, 55-59		15
307	Pillar[5]arene-Based Supramolecular Organic Framework with Multi-Guest Detection and Recyclable Separation Properties. 2018 , 24, 777-783		116
306	An electrochemical sensor based on nitrogen doped carbon material prepared from nitrogen-containing precursors. 2018 , 292, 012034		1
305	A novel supramolecular AIE gel acts as a multi-analyte sensor array. 2018 , 42, 18059-18065		28
304	Multi-stimuli-responsive supramolecular gel constructed by pillar[5]arene-based pseudorotaxanes for efficient detection and separation of multi-analytes in aqueous solution. 2018 , 14, 8529-8536		18
303	Learning Something From Nothing: The Critical Importance of Rethinking Microbial Non-detects. 2018 , 9, 2304		14
302	Acylhydrazone functionalized benzimidazole-based metallogel for the efficient detection and separation of Cr. 2018 , 14, 8390-8394		15
301	A novel vortex-assisted dispersive liquid-phase microextraction procedure for preconcentration of europium, gadolinium, lanthanum, neodymium, and ytterbium from water combined with ICP techniques. 2018 , 33, 2000-2007		6
300	Chitosan-magnetite nanocomposite as a sensing platform to bendiocarb determination. 2018 , 410, 7229-7238	10	
299	A bis-naphthalimide functionalized pillar[5]arene-based supramolecular gel acts as a multi-stimuli-responsive material. 2018 , 42, 16167-16173		15
298	Novel 2-(hydroxy)-naphthyl imino functionalized pillar[5]arene: a highly efficient supramolecular sensor for tandem fluorescence detection of Fe ³⁺ and F ⁻ and the facile separation of Fe ³⁺ . 2018 , 42, 11548-11554		14
297	Novel chemosensor for ultrasensitive dual-channel detection of Cu ²⁺ and its application in IMPLICATION logic gate. <i>Journal of Luminescence</i> , 2018 , 202, 225-231	3.8	5
296	Evaluation of Reduced Graphene Oxide Modified with Antimony and Copper Nanoparticles for Levofloxacin Oxidation. <i>Electroanalysis</i> , 2018 , 30, 2066-2076	3	15
295	Novel bispillar[5]arene-based AIEgen and its application in mercury(II) detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 272, 139-145	8.5	54

294	Diethylenetriamine ion-imprinted silica gel for copper determination in tap water. 2018 , 48, 867-883		5
293	Ultrasensitive Detection of Formaldehyde in Gas and Solutions by a Catalyst Preplaced Sensor Based on a Pillar[5]arene Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 8775-8781	8.3	41
292	Butan-1-ol as an extractant solvent in dispersive liquid-liquid microextraction in the spectrophotometric determination of aluminium. 2018 , 50, 175-181		8
291	Square Wave Adsorptive Stripping Voltammetry Determination of Chlorpyrifos in Irrigation Agricultural Water. 2018 , 73, 695-704		10
290	Facile fabrication of ascorbic acid reduced graphene oxide-modified electrodes toward electroanalytical determination of sulfamethoxazole in aqueous environments. <i>Chemical Engineering Journal</i> , 2018 , 352, 188-197	14.7	38
289	Trace-level and selective detection of uric acid by a luminescent Zn (II) based 1D coordination polymer in aqueous medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 365, 125-132	4.7	5
288	Molecularly Imprinted Polymers for the Selective Extraction of Bisphenol A and Progesterone from Aqueous Media. 2018 , 10,		15
287	On the Determination of Uncertainty and Limit of Detection in Label-Free Biosensors. 2018 , 18,		53
286	Polished silver solid amalgam electrode and cationic surfactant as tool in electroanalytical determination of methomyl pesticide. 2018 , 189, 389-396		11
285	Development of a new voltammetric sensor by using a hybrid material consisting of gold nanoparticles and S-organic compounds for detection of deferiprone-anti-thalassemia and anti HIV-1 drug. 2018 , 126, 242-251		9
284	Lead(II) ion detection in purified drinking water by nickel hexacyanoferrate-modified n-Si electrode in presence of dihydroxybenzene. 2018 , 22, 3547-3555		1
283	A novel colorimetric and ratiometric fluorescent CNâ€ sensor based on rhodamine B hydrazone derivatives in aqueous media and its application in sprouting potatoes. 2018 , 42, 17056-17061		18
282	Tri-pillar[5]arene-based multi-stimuli-responsive supramolecular polymers for fluorescence detection and separation of Hg ²⁺ . <i>Polymer Chemistry</i> , 2018 , 9, 4625-4630	4.9	44
281	Carbon nanotube band electrodes for electrochemical sensors. 2018 , 86, 135-139		13
280	Spongy Materials Based on Supramolecular Polymer Networks for Detection and Separation of Broad-Spectrum Pollutants. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14775-14784	8.3	44
279	A novel supramolecular AIE Egel for fluorescence detection and separation of metal ions from aqueous solution. 2019 , 15, 6530-6535		3
278	A novel pillar[5]arene-based chemosensor for dual-channel detecting L-Arg by multiple supramolecular interactions. <i>Dyes and Pigments</i> , 2019 , 171, 107706	4.6	19
277	Matte photographic paper as a low-cost material for metal ion retention and elemental measurements with laser-induced breakdown spectroscopy. 2019 , 205, 120167		3

276	Colorimetric aminotriazole assay based on catalase deactivation-dependent longitudinal etching of gold nanorods. 2019 , 186, 565		8
275	Synthesis of chitosan based molecularly imprinted polymer for pipette-tip solid phase extraction of Rhodamine B from chili powder samples. 2019 , 139, 40-48		34
274	A novel AIE-based supramolecular polymer gel serves as an ultrasensitive detection and efficient separation material for multiple heavy metal ions. 2019 , 15, 6878-6884		14
273	Nucleation and growth mechanisms of palladium, nanoflower-shaped, and its performance as electrocatalyst in the reduction of Cr(VI). 2019 , 49, 795-809		6
272	A novel bis-component AIE smart gel with high selectivity and sensitivity to detect CN, Fe and HPO. 2019 , 15, 6348-6352		18
271	Concurrent Modulation of Competitive Mechanisms to Design Stimuli-Responsive Ln-MOFs: A Light-Operated Dual-Mode Assay for Oxidative DNA Damage. 2019 , 29, 1903058		29
270	A dye@MOF crystalline probe serving as a platform for ratiometric sensing of trichloroacetic acid (TCA), a carcinogen metabolite in human urine. 2019 , 21, 4637-4643		13
269	In Situ Generation of AgI Quantum Dots by the Confinement of A Supramolecular Polymer Network: A Novel Approach for Ultrasensitive Response. 2019 , 14, 3274-3278		8
268	Preparation of hollow porous molecularly imprinted and aluminum(III) doped silica nanospheres for extraction of the drugs valsartan and losartan prior to their quantitation by HPLC. 2019 , 186, 702		24
267	Fluorescence study of 5-nitroisatin Schiff base immobilized on SBA-15 for sensing Fe ³⁺ . 2019 , 17, 438-447		2
266	Tb post-functionalized La (III) metal organic framework hybrid probe for simple and highly sensitive detection of acetaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2019 , 300, 126985	8.5	20
265	Biomimetic Sensing System for Tracing Pb Distribution in Living Cells Based on the Metal-Peptide Supramolecular Assembly. 2019 , 11, 5804-5811		18
264	An easy to make chemoreceptor for the selective ratiometric fluorescent detection of cyanide in aqueous solution and in food materials. 2019 , 43, 675-680		37
263	High-performance voltammetric sensor for dichlorophenol based on β -cyclodextrin functionalized boron-doped graphene composite aerogels. 2019 , 30, 185502		6
262	A tripodal supramolecular sensor to successively detect picric acid and CN ⁻ through guest competitive controlled AIE. 2019 , 43, 2030-2036		23
261	A novel supramolecular polymer gel based on bis-naphthalimide functionalized-pillar[5]arene for fluorescence detection and separation of aromatic acid isomers. <i>Polymer Chemistry</i> , 2019 , 10, 253-259	4.9	28
260	Super metal hydrogels constructed from a simple tripodal gelator and rare earth metal ions and its application in highly selective and ultrasensitive detection of histidine. 2019 , 15, 999-1004		29
259	Aggregation-Induced Emission Supramolecular Organic Framework (AIE SOF) Gels Constructed from Supramolecular Polymer Networks Based on Tripodal Pillar[5]arene for Fluorescence Detection and Efficient Removal of Various Analytes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1250-1258	8.3	15

258	Improvement of Electron Probe Microanalysis of Boron Concentration in Silicate Glasses. 2019 , 25, 874-882	2
257	A nanogold supported inorganic/organic hybrid 3D sensor for electrochemical quantification of propranolol—effective antagonist of β -adrenergic receptors. 2019 , 25, 5515-5525	6
256	A Bifunctional Luminescent Metal-Organic Framework for the Sensing of Paraquat and Fe Ions in Water. 2019 , 14, 3611-3619	34
255	Surfactant modified electrochemical sensor for determination of Anthrone —A cyclic voltammetry. 2019 , 2, 408-416	12
254	A novel long-alkyl-chained acylhydrazone-based supramolecular polymer gel for the ultrasensitive detection and separation of multianalytes. 2019 , 15, 4187-4191	9
253	Multi-component luminescence responsive Eu/Tb hybrids based with metal-organic frameworks and zeolites A. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 220, 1171074-4	7
252	Sensitive determination of nitrite by using an electrode modified with hierarchical three-dimensional tungsten disulfide and reduced graphene oxide aerogel. 2019 , 186, 291	9
251	Experimental and theoretical investigation of a metalloreceptor bearing a [Re(CO)] core incorporating a multifunctional ligand: selective reactivity towards Zn and CN ions. 2019 , 48, 6879-6891	5
250	Pillar[5]arene-based spongy supramolecular polymer gel and its properties in multi-responsiveness, dye sorption, ultrasensitive detection and separation of Fe. 2019 , 15, 3241-3247	18
249	Imaging biosensor based on planar optical waveguide. 2019 , 115, 171-175	6
248	Selective Extraction and Determination of Chromium Concentration Using <i>Luffa cylindrica</i> Fibers as Sorbent and Detection by FAAS. 2019 , 2019, 1-6	3
247	Highly Selective Optical Detection of Fe ³⁺ Ions in Aqueous Solution Using Label-Free Silicon Nanocrystals. 2019 , 36, 1900034	2
246	Solid-State rGO-PEDOT:PSS Transducing Material for Cost-Effective Enzymatic Sensing. 2019 , 9,	26
245	Rationally introduce AIE into chemosensor: A novel and efficient way to achieving ultrasensitive multi-guest sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 263-270	4-4 5
244	Voltammetric sensor based on cobalt-poly(methionine)-modified glassy carbon electrode for determination of estriol hormone in pharmaceuticals and urine. 2019 , 9, 347-357	15
243	Luminescence Tuning of Layered Rare-Earth Hydroxides (LRHs, R = Tb, Y) Composites with 3-Hydroxy-2-naphthoic Acid and Application to the Fluorescent Detection of Al. 2019 , 58, 4979-4988	14
242	pH-Modulated luminescence switching in a Eu-MOF: rapid detection of acidic amino acids. 2019 , 7, 11127-11133	33
241	Column packing elimination in matrix solid phase dispersion by using water compatible magnetic molecularly imprinted polymer for recognition of melamine from milk samples. 2019 , 1594, 13-22	63

240	Anion induced supramolecular polymerization: a novel approach for the ultrasensitive detection and separation of F. 2019 , 55, 3247-3250		60
239	Luminescent metal-organic frameworks with a 2-(4-pyridyl)-terephthalic acid ligand for detection of acetone. 2019 , 43, 4800-4807		13
238	MoS-Based Optoelectronic Gas Sensor with Sub-parts-per-billion Limit of NO Gas Detection. 2019 , 13, 3196-3205		200
237	Application of Molecularly Imprinted Biomembrane for Advancement of Matrix Solid-Phase Dispersion for Clean Enrichment of Parabens from Powder Sunscreen Samples: Optimization of Chromatographic Conditions and Green Approach. 2019 , 4, 3839-3849		38
236	A Reusable Eu ³⁺ Complex for Naked-Eye Discrimination of Methanol from Ethanol with a Ratiometric Fluorimetric Equilibrium in Methanol/Ethanol Mixtures. 2019 , 2019, 4727-4734		1
235	Forming a water-soluble supramolecular polymer and an AIEE hydrogel: two novel approaches for highly sensitive detection and efficient adsorption of aldehydes. <i>Polymer Chemistry</i> , 2019 , 10, 6489-6494 ^{4.9}		21
234	A Luminescent Lanthanide-Functionalized Metal-Organic Framework as a Highly Selective and Sensitive Chemical Sensor for Dopamine. 2019 , 4, 12573-12579		3
233	Simultaneous analysis of Pb and Cd at graphene/bismuth nanocomposite film-modified pencil graphite electrode using square wave anodic stripping voltammetry. 2019 , 411, 8113-8121		13
232	Facile Synthesis of MXene/Electrochemically Reduced Graphene Oxide Composites and Their Application for Electrochemical Sensing of Carbendazim. 2019 , 166, B1673-B1680		36
231	Use of an aminated Amberlite XAD-4 column coupled to flow injection cold vapour generation atomic absorption spectrometry for mercury speciation in water and fish tissue samples. 2019 , 274, 487-493		42
230	A Cu ²⁺ -Cu/glassy carbon system for glyphosate determination. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 675-683	8.5	23
229	Electrochemical sensing of acetaminophen using a practical carbon paste electrode modified with a graphene oxide-Y ₂ O ₃ nanocomposite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 96, 382-389	5.3	24
228	A highly selective turn-on luminescent logic gates probe based on post-synthetic MOF for aspartic acid detection. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 91-95	8.5	45
227	Fast abiotic sorption of selenates (SeO ₄ ²⁻) in soils: pitfalls of batch sorption data acquired by inductively coupled plasma quadrupole mass spectrometry (ICP-QMS). 2019 , 65, 566-580		2
226	Understanding the dipyrone oxidation allying electrochemical and computational approaches. <i>Analytica Chimica Acta</i> , 2019 , 1051, 49-57	6.6	4
225	Dummy molecularly imprinted polymers based on a green synthesis strategy for magnetic solid-phase extraction of acrylamide in food samples. 2019 , 195, 390-400		243
224	Functional Two-Dimensional Coordination Polymer Exhibiting Luminescence Detection of Nitroaromatics. 2019 , 19, 1172-1182		43
223	Bismuth vanadate/graphene quantum dot: A new nanocomposite for photoelectrochemical determination of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2019 , 285, 248-253	8.5	32

222	Development of an electrochemical sensor of endocrine disruptor bisphenol A by reduced graphene oxide for incorporation of spherical carbon nanoparticles. 2019 , 832, 24-30		22
221	Cavitas electrochemical sensor toward detection of N-epsilon (carboxymethyl)lysine in oral cavity. <i>Sensors and Actuators B: Chemical</i> , 2019 , 281, 399-407	8.5	28
220	A Eu ³⁺ post-functionalized metal-organic framework as fluorescent probe for highly selective sensing of Cu ²⁺ in aqueous media. <i>Journal of Molecular Structure</i> , 2019 , 1177, 444-448	3.4	19
219	Simultaneous Electroanalytical Determination of Thiram and Carbendazim in Samples of Fresh Fruit Juices in the Presence of Surfactants. 2020 , 13, 119-130		6
218	A phthalocyanine-porphyrin triad for ratiometric fluorescent detection of Lead(II) ions. <i>Dyes and Pigments</i> , 2020 , 173, 107941	4.6	6
217	A Fast and Easily Parallelizable Biosensor Method for Measuring Extractable Tetracyclines in Soils. 2020 , 54, 758-767		11
216	A novel fluorescent sensor with highly response of Cu ²⁺ based on Eu ³⁺ post-modified metal-organic framework in aqueous media. <i>Journal of Molecular Structure</i> , 2020 , 1202, 127347	3.4	5
215	Reaction-Based Luminescent Probes for Reactive Sulfur, Oxygen, and Nitrogen Species: Analytical Techniques and Recent Progress. <i>Analytical Chemistry</i> , 2020 , 92, 309-326	7.8	62
214	Bio-synthesis of SnO ₂ and comparison its CO sensing performance with conventional processes. 2020 , 818, 152841		9
213	Luminescent metal-organic framework-based phosphor for the detection of toxic oxoanions in an aqueous medium. 2020 , 49, 829-840		19
212	A novel supramolecular polymer gel-based long-alkyl-chain-functionalized coumarin acylhydrazone for the sequential detection and separation of toxic ions. 2020 , 16, 1029-1033		12
211	Amine derivative of triphenyl ether as an optical sensor for the detection of cyanide ions and traces of water in acetonitrile supported with voltammetric studies. 2020 , 50, 185-195		5
210	Ultrasonic-Assisted Digestion of Cement and Clinker Samples for the Determination of Manganese by Square Wave Cathodic Stripping Voltammetry. 2020 , 53, 1075-1086		1
209	A new electrochemical sensor for simultaneous detection of sulfamethoxazole and trimethoprim antibiotics based on graphene and ZnO nanorods modified glassy carbon electrode. <i>Microchemical Journal</i> , 2020 , 159, 105440	4.8	23
208	An efficient and simple method using a graphite oxide electrochemical sensor for the determination of glyphosate in environmental samples. <i>Science of the Total Environment</i> , 2020 , 749, 142385	10.2	13
207	SDC/OS-LDH composite for highly sensitive fluorescence detection of Fe at a much lower concentration. 2020 , 49, 10413-10420		3
206	Ultrasonic nebulization inductively coupled plasma optical emission spectrometry method for wine analysis. 2020 , 170, 105924		5
205	Rapid Portable Electrical Biosensing Design With Dielectrophoresis and Its Application for Cardiac Biomarker Detection. 2020 , 1-1		

204	Highly Selective Colorimetric and Fluorescent Chemosensor for CN ⁻ Based on o-Tolidine. 2020 , 87, 904-910		3
203	A rhodamine-based dual chemosensor for the naked-eye detection of Hg and enhancement of the fluorescence emission for Fe. 2020 , 19, 1690-1696		9
202	-(2-Aminoethyl)-2-(hexylthio) Acetamide-Functionalized Pillar[5]arene for the Selective Detection of l-Trp through Guest-Adaptive Multisupramolecular Interactions. 2020 , 124, 9811-9817		11
201	Electrically Transduced Gas Sensors Based on Semiconducting Metal Oxide Nanowires. 2020 , 20,		14
200	A lanthanide doped metal-organic framework demonstrated as naked eye detector of a trace of water in organic solvents including alcohols by monitoring the turn-on of luminescence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 402, 112830	4.7	6
199	Ultrasensitive detection of Cr(VI) (CrO/CrO) ions in water environment with a fluorescent sensor based on metal-organic frameworks combined with sulfur quantum dots. <i>Analytica Chimica Acta</i> , 2020 , 1131, 68-79	6.6	22
198	Fluorescent detection of Al(III) and CN ⁻ in solid and aqueous phases and their recognition in biological samples. <i>Journal of Molecular Liquids</i> , 2020 , 317, 113970	6	10
197	Smartphone-assisted detection of nucleic acids by light-harvesting FRET-based nanoprobe. 2020 , 168, 112515		16
196	From lamellar net to bilayered-lamella and to porous pillared-bilayer: reversible crystal-to-crystal transformation, CO adsorption, and fluorescence detection of Fe, Al, Cr, MnO, and CrO in water. 2020 , 49, 14201-14215		13
195	Irregularly Shaped Zn _{0.6} Mn _{2.4} O ₄ Nanoparticles for Supercapacitors and Nitroaromatics Detection. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10105-10114	5.6	7
194	A Tin Film CMK-3 Modified Carbon Paste Electrode as an Environmentally Friendly Sensor to Detect Trace Cadmium. 2020 , 75, 1201-1208		0
193	Multivalued Logic Assay of the Disease Marker of β -Ketoglutaric Acid by a Luminescent MOF-Based Biosensor.. 2020 , 3, 3792-3799		7
192	A pillar[5]arene-based fluorescent sensor for sensitive detection of L-Met through a dual-site collaborative mechanism. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 240, 118569	4.4	8
191	A smart luminescent metal-organic framework-based logic system for simultaneous analysis of copper ions and hydrogen sulfide. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8635-8642	7.1	11
190	Electrochemical sensing of thiabendazole in complex samples using boron-doped diamond electrode. 2020 , 866, 114179		7
189	Selective detection of cyanide ion in 100 % water by indolium based dual reactive binding site optical sensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 397, 112571	4.7	3
188	Phosphorescent cyanide sensor based on a 2-phenylpyridine(ppy)-type cyclometalated Ir(III) complex bearing dimesitylboron group with concentration distinguishing ability. 2020 , 917, 121274		0
187	Spontaneous optical response towards cyanide ion in water by a reactive binding site probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 233, 118190	4.4	12

186	Improving the stability of the malachite green method for the determination of phosphate using Pluronic F68. 2020 , 597, 113681		6
185	Self-template synthesis of flower-like hierarchical graphene/copper oxide@copper(II) metal-organic framework composite for the voltammetric determination of caffeic acid. 2020 , 187, 258		8
184	Application of Cu-based metal-organic framework (Cu-BDC) as a sorbent for dispersive solid-phase extraction of gallic acid from orange juice samples using HPLC-UV method. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 5218-5228	5.9	15
183	Green and facile solvent-free synthesis of NiTe ₂ nanocrystalline material applied to voltammetric determination of antioxidant morin. <i>Materials Today Communications</i> , 2020 , 25, 101251	2.5	4
182	Construction of a highly stable lanthanide metal-organic framework for effective detection of aryl-organophosphorus flame retardants in simulated wastewater and fruit juices. 2020 , 511, 119840		4
181	Modeling observations with a detection limit using a truncated normal distribution with censoring. 2020 , 20, 170		1
180	Nickel hexacyanoferrate film coated pencil graphite electrode as sensor and electrode material for environment and energy applications. 2020 , 44, 10206-10221		9
179	Water-Stable Lanthanide Coordination Polymers with Triple Luminescent Centers for Tunable Emission and Efficient Self-Calibration Sensing Wastewater Pollutants. 2020 , 8, 1901659		9
178	Green preparation of dual-template chitosan-based magnetic water-compatible molecularly imprinted biopolymer. 2020 , 236, 116102		29
177	Microwave-assisted digestion employing diluted nitric acid for mineral determination in rice by ICP OES. 2020 , 319, 126435		12
176	Magnetic metal organic framework for pre-concentration of ampicillin from cow milk samples. 2020 , 10, 365-375		18
175	Competition of Exo-wall and Lone Pair Interactions: A Viable Approach to Achieve Ultrasensitive Detection and Effective Removal of AsO ₂ ³⁻ in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5831-5836	8.3	15
174	A pH-regulated ratiometric luminescence Eu-MOF for rapid detection of toxic mycotoxin in moldy sugarcane. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4385-4391	7.1	19
173	A Water-Stable Lanthanide Coordination Polymer as Multicenter Platform for Ratiometric Luminescent Sensing Antibiotics. 2020 , 26, 3137-3144		37
172	Hydrophilic molecularly imprinted nanospheres for the extraction of rhodamine B followed by HPLC analysis: A green approach and hazardous waste elimination. 2020 , 215, 120933		87
171	Cathodic stripping voltammetric determination of γ -cyfluthrin, a pyrethroid insecticide, using polished silver solid amalgam electrode. 2020 , 24, 1819-1826		1
170	Architectural tailoring of orthorhombic MoO ₃ nanostructures toward efficient NO ₂ gas sensing. 2020 , 55, 8109-8122		10
169	A magnetic solid-phase extraction method using Fe ₃ O ₄ @coPANI-PTH for microsample injection system-flame atomic absorption spectrometric determination of nickel and copper in soft drinks and spice samples. 2020 , 1-15		8

168	Water Stable Heterometallic Zn-Tb Coordination Polymer for Rapid Detection of the Ultraviolet Filter Benzophenone. 2020 , 59, 6729-6735		17
167	A novel dual-function bithiophene-Meldrum's acid based chemosensor for highly sensitive, colorimetric and fluorimetric detection of cyanide and hypochlorite and its applications. <i>Dyes and Pigments</i> , 2020 , 180, 108459	4.6	13
166	AIE based colorimetric and "Turn-on" Fluorescence Schiff base sensor for detecting Fe ³⁺ in an aqueous media and its application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 396, 112542	4.7	13
165	Multi-site probe for selective turn-on fluorescent detection of Al(III) in aqueous solution: synthesis, cation binding, mode of coordination, logic gate and cell imaging. <i>Methods and Applications in Fluorescence</i> , 2020 , 8, 035003	3.1	5
164	Shape-controlled electrodeposition of silver using chitosan as structure-directing agent on disposable pencil graphite electrodes: low-cost electrocatalysts for the detection of hydrogen peroxide and hydrazine hydrate. 2020 , 24, 2773-2788		4
163	Linear tri-pillar[5]arene-based acceptor for efficiently separate paraquat from water through collaboration effect. 2021 , 118, 111358		7
162	A microbial sensor platform based on bacterial bioluminescence (luxAB) and green fluorescent protein (gfp) reporters for in situ monitoring of toxicity of wastewater nitrification process dynamics. 2021 , 221, 121438		2
161	Multi-elemental exposure assessment through concentrations in hair of free-ranging capybaras (<i>Hydrochoerus hydrochaeris</i> Linnaeus, 1766) in the Atlantic Forest remnants, Northeast of Brazil. 2021 , 262, 127800		4
160	Stimuli-responsive supramolecular hydrogel with white AIE effect for ultrasensitive detection of Fe ³⁺ and as rewritable fluorescent materials. <i>Dyes and Pigments</i> , 2021 , 184, 108875	4.6	6
159	Synthesizing of a nanocomposite based on the formation of silver nanoparticles on fumed silica to develop an electrochemical sensor for carbendazim detection. 2021 , 222, 121591		32
158	A simple and efficient cyclic square wave voltammetric method for simultaneous determination of epinephrine and norepinephrine using an activated pencil graphite electrode. <i>Microchemical Journal</i> , 2021 , 160, 105621	4.8	10
157	Novel tripodal-pillar[5]arene-based chemical sensor for efficient detection and removal paraquat by synergistic effect. <i>Sensors and Actuators B: Chemical</i> , 2021 , 327, 128885	8.5	12
156	A new fluorescent sensor constructed by Eu ³⁺ post-functionalized metal-organic framework for sensing Ag ⁺ with high selectivity and sensitivity in aqueous solution. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129518	3.4	5
155	2-Aminophenols based Schiff bases as fluorescent probes for selective detection of cyanide and aluminium ions - Effect of substituents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119288	4.4	11
154	A multiplex and fast detection platform for microRNAs based on a self-priming microfluidic chip and duplex-specific nuclease. <i>Analyst, The</i> , 2021 , 146, 628-635	5	1
153	3-Hydroxy-2-naphthoic hydrazide as a probe for fluorescent detection of cyanide and aluminium ions in organic and aquo-organic media and its application in food and pharmaceutical samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119315	4.4	5
152	Determination of cobalt in food by magnetic solid-phase extraction (MSPE) preconcentration by polyaniline (PANI) and polythiophene (PTH) coated magnetic nanoparticles (MNPs) and microsample injection system "flame atomic absorption spectrometry (MIS-FAAS). <i>Instrumentation Science and Technology</i> , 2021 , 49, 258-275	1.4	6
151	A water-stable molecular cadmium phosphonate bearing 2-(2-pyridyl)benzimidazole as a highly sensitive luminescence sensor for the selective detection of bisphenol AF and bisphenol B. 2021 , 23, 2842-2853		3

150	LC-MS/MS Quantification Reveals Ample Gut Uptake and Metabolization of Dietary Phytochemicals in Honey Bees (). 2021 , 69, 627-637			4
149	Photophysical studies of a room temperature phosphorescent Cd(II) based MOF and its application towards ratiometric detection of Hg ²⁺ ions in water. 2021 , 23, 4160-4168			0
148	Theoretical and Experimental Insights into the Self-Assembly and Ion Response Mechanisms of Tripodal Quinolinamido-Based Supramolecular Organogels. 2021 , 86, 146-154			1
147	An acylhydrazone-based AIE organogel for the selective sensing of submicromolar level Al ³⁺ and Al(III)-based metallogel formation to detect oxalic acid. 2021 , 45, 1899-1903			1
146	A novel photochemical sensor based on quinoline-functionalized phenazine derivatives for multiple substrate detection. 2021 , 45, 5040-5048			0
145	Synthesis and characterization of a highly selective turn-on fluorescent chemosensor for Sn ²⁺ derived from diimine Schiff base. 2021 , 272, 116668			15
144	Tetraphenylpyrazine-Based Luminescent Metal-Organic Framework for Chemical Sensing of Carcinoids Biomarkers. 2021 , 13, 6421-6429			13
143	Real-time HCl gas detection at parts-per-billion level concentrations utilising a diode laser and a bismuth-doped fibre amplifier. 2021 , 32, 055206			2
142	A New Voltammetric Approach for Electrochemical Determination of Lamotrigine in Pharmaceutical Samples. <i>Electroanalysis</i> , 2021 , 33, 1389-1392	3		1
141	Dimethyl Sulfoxide-Free and Water-Soluble Fluorescent Probe for Detection of Bovine Serum Albumin Prepared by Ionic Co-assembly of Amphiphiles. 2021 , 37, 4532-4539			2
140	One-pot hydrothermal synthesis of nitrogen-doped reduced graphene oxide for the highly sensitive and simultaneous determination of dihydroxy benzene isomers. 2021 , 51, 1189			0
139	Evaluation of Mineral Profile and Dietary Reference Intake from Collagen by ICP-Based Techniques. 2021 , 14, 1860-1874			1
138	Detection of trace C ₂ H ₂ in N ₂ buffer gas with cantilever-enhanced photoacoustic spectrometer. 2021 , 232, 166525			7
137	A Novel Quinoxaline-Rhodamine Conjugate for a Simple and Efficient Detection of Hydrogen Sulphate Ion. 2021 , 1, 29-40			0
136	Speciation and preconcentration of chromium in real samples by magnetic polythiophene nanoparticle solid-phase extraction (SPE) coupled with microsampling injection flame atomic absorption spectrometry (FAAS). <i>Instrumentation Science and Technology</i> , 1-19	1.4		4
135	Optical detection of Al(III) and Cu(II) ions in an aqueous medium by using a simple probe possessing O,O-donor moiety. 2021 , 196, 780-790			0
134	2-Mercaptobenzothiazole modified carbon paste electrode as a novel copper sensor: An electrochemical and computational study. 2021 , 888, 115208			4
133	All-Electrical High-Sensitivity, Low-Power Dual-Mode Gas Sensing and Recovery with a WSe/MoS pn Heterodiode. 2021 , 13, 30785-30796			3

132	Quantum Chemical Studies and Electrochemical Investigations of Polymerized Brilliant Blue-Modified Carbon Paste Electrode for In Vitro Sensing of Pharmaceutical Samples. 2021 , 9, 135		4
131	Advances in Lead-Free Perovskite Single Crystals: Fundamentals and Applications. 2021 , 3, 1025-1080		24
130	Binding Properties of a Dinuclear Zinc(II) Salen-Type Molecular Tweezer with a Flexible Spacer in the Formation of Lewis Acid-Base Adducts with Diamines. 2021 , 9, 49		1
129	Activatable Rare Earth Near-Infrared-II Fluorescence Ratiometric Nanoprobes. 2021 , 21, 6576-6583		13
128	Highly sensitive and selective "turn-off" fluorescent probes based on coumarin for detection of Cu ²⁺ . 2021 , 43, 100451		5
127	Supramolecular organogel with aggregation-induced emission for ultrasensitive detection and effective removal of Cu ²⁺ and Hg ²⁺ from aqueous solution. <i>Dyes and Pigments</i> , 2021 , 192, 109436	4.6	4
126	Nanozyme catalysis-powered portable mini-drainage device enables real-time and universal weighing analysis of silver ions and silver nanoparticles. 2021 , 415, 125689		5
125	High-Throughput Solid-Phase Assay for Substrate Profiling and Directed Evolution of Transketolase. 2021 , 22, 2814-2820		0
124	Synthesis, dye adsorption, and fluorescence sensing of antibiotics of a zinc-based coordination polymer. 2021 , 300, 122278		2
123	Recent Advancements in Biosensing Approaches for Screening and Diagnostic Applications. 2021 , 19, 100318-100318		3
122	The detection of selectivity and sensitivity towards TNP by a new Zn(II)-coordination polymer as luminescent sensor in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 266, 120419	4.4	5
121	Naphthyridine derived colorimetric and fluorescent turn off sensors for Ni in aqueous media. <i>Scientific Reports</i> , 2021 , 11, 19242	4.9	2
120	Imine derivative as an analytical probe for Al ³⁺ , Fe ³⁺ and CN ⁻ sensing with antibacterial activity against E. coli - An application of electrochemical and spectrofluorimetric techniques. <i>Microchemical Journal</i> , 2021 , 168, 106500	4.8	2
119	Calibration and assessment of electrochemical low-cost sensors in remote alpine harsh environments. 2021 , 14, 6005-6021		0
118	Portable ppb-level acetylene photoacoustic sensor for transformer on-field measurement. 2021 , 243, 167440		3
117	Novel tetra-arm chemosensor supply "collaboration effect" for highly sensitive fluorescent and colorimetric sensing of L-Arg. <i>Dyes and Pigments</i> , 2021 , 194, 109658	4.6	1
116	The highly specific detection and mechanism of Cu-MOF-74 fluorescent probe to amino trimethylene phosphonic acid: Experimental study and theoretical calculation of quantum chemistry. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117442	6	0
115	Reduced graphene oxide (rGO) decorated ZnO-SnO ₂ : A ternary nanocomposite towards improved low concentration VOC sensing performance. 2021 , 881, 160406		8

114	Selective smartphone aided colorimetric detection of Hg(II) in an aqueous solution via metal ion-induced keto-enol tautomerismâspectroscopic and theoretical studies. <i>Journal of Molecular Structure</i> , 2021 , 1246, 131134	3.4	2
113	Polydopamine bridged MXene and NH ₂ -MWCNTs nanohybrid for high-performance electrochemical sensing of Acetaminophen. 2021 , 570, 151149		2
112	A Multi-functional NO ₂ gas monitor and Self-Alarm based on Laser-Induced graphene. <i>Chemical Engineering Journal</i> , 2022 , 428, 131079	14.7	4
111	CeO nanostructured electrochemical sensor for the simultaneous recognition of diethylstilbestrol and 17 β -estradiol hormones. <i>Science of the Total Environment</i> , 2022 , 805, 150348	10.2	3
110	Novel tri-[2]rotaxane-based stimuli-responsive fluorescent nanoparticles and their guest controlled reversible morphological transformation properties. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3863-3870 ¹	7.1	1
109	Highly selective and sensitive colorimetric/fluorometric dual mode detection of relevant biogenic amines. <i>Analyst, The</i> , 2021 , 146, 2144-2151	5	10
108	formation of Hg-coordinated fluorescent nanoparticles through a supramolecular polymer network used for efficient Hg sensing and separation. 2021 , 13, 9172-9176		4
107	Electrochemical sensor based on multi-walled carbon nanotubes for imidacloprid determination. 2021 , 13, 2124-2136		5
106	Supramolecular AIE polymer-based rare earth metallogels for the selective detection and high efficiency removal of cyanide and perchlorate. <i>Polymer Chemistry</i> , 2021 , 12, 2001-2008	4.9	4
105	An ultra-sensitive rifampicin electrochemical sensor based on titanium nanoparticles (TiO ₂) anchored reduced graphene oxide modified glassy carbon electrode. 2021 , 608, 125533		13
104	Hydrophilic Multitemplate Molecularly Imprinted Biopolymers Based on a Green Synthesis Strategy for Determination of B-Family Vitamins. 2018 , 10, 4140-4150		120
103	A Double-Stimuli-Responsive Fluorescent Center for Monitoring of Food Spoilage based on Dye Covalently Modified EuMOFs: From Sensory Hydrogels to Logic Devices. 2017 , 29, 1702298		154
102	Carbon black-chitosan film-based electrochemical sensor for losartan. 2020 , 24, 1827-1834		5
101	Multi-component hybrid soft ionogels for photoluminescence tuning and sensing organic solvent vapors. 2018 , 513, 133-140		19
100	Bioactive small molecules in commercially available cereal food: Benzoxazinoids. 2017 , 64, 213-222		6
99	Finding a reliable limit of detection in the NIR determination of residual moisture in a freeze-dried drug product. 2020 , 183, 113163		3
98	Tri-pillar[5]arene-Based Multifunctional Stimuli-Responsive Supramolecular Polymer Network with Conductivity, Aggregation-Induced Emission, Thermochromism, Fluorescence Sensing, and Separation Properties. 2021 , 54, 373-383		14
97	A novel supramolecular organogel based on acylhydrazone functionalized pillar[5]arene acts as an I responsive smart material. 2017 , 13, 7222-7226		29

96	An Anionic Calcium Metal-Organic Framework Encapsulated with Tb(III) Ions as a Recyclable Luminescent Sensor for Cr(III) and Fe(III) Ions. 2019 , 72, 910		3
95	Commercial stocks of SARS-CoV-2 RNA may report low concentration values, leading to artificially increased apparent sensitivity of diagnostic assays.		4
94	Triphenyl Ether Amide as a Probe for Electrochemical and Optical Sensing of Copper, Cyanide and Arginine. 2020 , 167, 167506		6
93	Incorporation of conjugated linoleic acid (CLA) and Linolenic acid (LNA) in pacu fillets. 2014 , 34, 74-81		2
92	Bacteriophage-Based Biosensor for Detection of E. coli Bacteria on Graphene Modified Carbon Paste Electrode. 2019 , 9, 408-413		3
91	Preparation of Fame by Microwave Irradiation Using Boron Trifluoride as a Catalyst. 2012 , 03, 288-294		5
90	Electrochemical Determination of Artemisinin in Artemisia annua L Herbal Tea Preparation and Optimization of Tea Making Approach. 2011 , 55, 57-62		3
89	Dual-Functional Metal-Organic Framework for Luminescent Detection of Carcinoid Biomarkers and High Proton Conduction. 2021 , 60, 17303-17314		7
88	Electrochemical investigations and theoretical studies of biocompatible niacin-modified carbon paste electrode interface for electrochemical sensing of folic acid. 2021 , 12,		0
87	Rapid and sensitivity determination of macrolides antibiotics using disposable electrochemical sensor based on Super P carbon black and chitosan composite. <i>Microchemical Journal</i> , 2022 , 172, 106939 ^{4.8}		1
86	Specification Development and Stability Assessment. <i>Drugs and the Pharmaceutical Sciences</i> , 1998 , 357-427		
85	0,-----, ,-----, ., 1999 , 368-376		
84	D. 2017 , 133-175		
83	L. 2017 , 315-353		
82	Simple laser-induced graphene fiber electrode fabrication for high-performance heavy-metal sensing. <i>Microchemical Journal</i> , 2021 , 172, 106950	4.8	3
81	Enhancing Sensitivity for High-Selectivity Gas Chromatography-Molecular Rotational Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2021 , 93, 15525-15533	7.8	1
80	A combination of experimental and TD-DFT investigations on the fluorescent detection of sulfite and bisulfite ions in aqueous solution via nucleophilic addition reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 425, 113668	4.7	2
79	TD-DFT method of analysis of fluorescent detection of bisulphite ion in an aqueous solution by a pyrene-based chemodosimeter. <i>Journal of Molecular Liquids</i> , 2021 , 118129	6	0

78	Determination of cobalt and copper in water, plant, and soil samples by magnetite nanoparticle-based solid-phase microextraction (SPME) coupled with microsample injection system-flame atomic absorption spectrometry (MIS-FAAS). <i>Instrumentation Science and Technology</i> , 1-19	1.4	0
77	A novel fluorometric chemosensor based on imidazo[4,5-b]phenazine-2-thione for ultrasensitive detection and separation of Hg ²⁺ in aqueous solution. <i>Canadian Journal of Chemistry</i> ,	0.9	
76	Electrochemical sensors for sulfamethoxazole detection based on graphene oxide/graphene layered composite on indium tin oxide substrate. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 104155	5.3	2
75	Two luminescent film sensors constructed from new lanthanide coordination polymers for ratiometric detection of Zn ²⁺ and NH ₃ in water and their white emission properties. <i>Polymer Chemistry</i> ,	4.9	
74	Simultaneous determination of cefotaxime and nimesulide using poly(L-cysteine) and graphene composite modified glassy carbon electrode. <i>Microchemical Journal</i> , 2022 , 174, 107058	4.8	2
73	An indolinium-based chemo-dosimeter for highly selective dual-channel detection of cyanide ion: A combined experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2022 , 1251, 1320814	3.4	2
72	A novel fluorescent chemosensor based on naphthofuran functionalized naphthalimide for highly selective and sensitive detecting Hg ²⁺ and CN ⁻ . <i>Journal of Luminescence</i> , 2022 , 244, 118722	3.8	3
71	Rapid and sensitive detection of dextran sulfate sodium based on supramolecular self-assembly of a perylene diimide derivative in aqueous solution.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 270, 120760	4.4	2
70	A Zn(II)-Based S _q Type 2D Coordination Polymer as a Highly Sensitive and Selective Turn-On Fluorescent Probe for Al. <i>Molecules</i> , 2021 , 26,	4.8	1
69	Large-Area Interfaces for Single-Molecule Label-free Bioelectronic Detection.. <i>Chemical Reviews</i> , 2022 ,	68.1	8
68	Tuning Cu ₂ O Shell on Gold Nanocube Core Employing Amine-Functionalized Silane for Electrocatalytic Nitrite Detection. <i>ACS Applied Nano Materials</i> , 2022 , 5, 1674-1682	5.6	2
67	Imputation of Below Detection Limit Missing Data in Chemical Mixture Analysis with Bayesian Group Index Regression.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	2
66	An easy to make Hg(II) complex as a selective and sensitive fluorescent turn-on chemosensor for iodide in an aqueous solution based on metal ion displacement mechanism. <i>Inorganic Chemistry Communication</i> , 2022 , 138, 109269	3.1	1
65	Using carbon paste electrode modified with graphene and nanodiamond for the determination of nimesulide in biologic and environmental samples. <i>Electroanalysis</i> ,	3	0
64	Au@ZnO/rGO nanocomposite based ultra-low detection limit, highly sensitive and selective NO ₂ gas sensor. <i>Journal of Materials Chemistry C</i> ,	7.1	4
63	An experimental and theoretical approach to electrochemical sensing of environmentally hazardous dihydroxy benzene isomers at polysorbate modified carbon paste electrode.. <i>Scientific Reports</i> , 2022 , 12, 2149	4.9	0
62	A luminescent 2,1,3-benzoxadiazole-decorated zirconium-organic framework as an exceptionally sensitive turn-on sensor for ammonia and aliphatic amines in water. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5567-5575	7.1	1
61	A multi-site probe for selective detection of cyanide and sulphite ions via different mechanisms with concomitant different fluorescent behaviors. <i>Results in Chemistry</i> , 2022 , 4, 100312	2.1	1

60	Simultaneous Determination of Sulfonamides Antibiotics in Environmental Water and Seafood Samples Using Ultrasonic-Assisted Dispersive Liquid-Liquid Microextraction Coupled with High Performance Liquid Chromatography.. <i>Molecules</i> , 2022 , 27,	4.8	1
59	Rapid nanomolar detection of methamphetamine in biofluids via a reagentless electrochemical aptamer-based biosensor.. <i>Analytica Chimica Acta</i> , 2022 , 1207, 339742	6.6	0
58	Lanthanide β -Diketonate Complex Functionalized Poly(ionic liquid)s/SiO ₂ Microsphere as a Fluorescent Probe for the Determination of Bovine Hemoglobin. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2941-2950	4.3	0
57	A simple metal ion displacement-type turn-on fluorescent probe for the detection of halide ions in 100% water β -spectroscopic and TD-DFT investigations. <i>Inorganic Chemistry Communication</i> , 2022 , 139, 109299	3.1	0
56	Synthesis of pH-switchable Pt/Co ₃ O ₄ nanoflowers: Catalytic mechanism, four-enzyme activity and smartphone biosensing applications. <i>Chemical Engineering Journal</i> , 2022 , 437, 134414	14.7	3
55	Mechanochemical synthesis of β -CoTe ₂ nanocrystals and their application for determination of ferulic acid. <i>Materials Today Communications</i> , 2022 , 31, 103481	2.5	1
54	Fabrication of Fe doped reduced graphene oxide (rGO) decorated WO ₃ based low temperature ppm level acetone sensor: Unveiling sensing mechanism by impedance spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2022 , 361, 131706	8.5	0
53	Highly Sensitive NO Gas Sensors Based on MoS ₂ @MoO ₃ Magnetic Heterostructure.. <i>Nanomaterials</i> , 2022 , 12,	5.4	3
52	Data_Sheet_1.pdf. 2018 ,		
51	A Quinoxaline-Naphthaldehyde Conjugate for Colorimetric Determination of Copper Ion.. <i>Molecules</i> , 2022 , 27,	4.8	0
50	Novel fluorescent chemosensor sensitively detect copper (II) through the collaboration of quinoline and coumarin groups. <i>Applied Organometallic Chemistry</i> ,	3.1	
49	A highly selective and sensitive ratiometric fluorescent probe for quantitative detection of Al(III) in different natural matrices.. <i>Methods and Applications in Fluorescence</i> , 2022 ,	3.1	1
48	A High-Luminescence Biomimetic Nanosensor Based on N, S-GQDs-Embedded Zinc-Based Metal-Organic Framework@Molecularly Imprinted Polymer for Sensitive Detection of Octopamine in Fermented Foods.. <i>Foods</i> , 2022 , 11,	4.9	0
47	Carbazole-based Schiff base: A sensitive fluorescent β -turn-on β -chemosensor for recognition of Al(III) ions in aqueous-alcohol media. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103935	5.9	1
46	Selective fluorescent detection toluene in water by a novel and simple tetra-hydrazone-biphenol-based chemosensor. <i>Dyes and Pigments</i> , 2022 , 203, 110342	4.6	
45	A Water-Stable β -Eu-Mof β 'As Multi-Responsive Luminescent β -Sensor for High-Efficiency β -Detection of Fe ³⁺ , Mn ⁴⁺ -Ions and Nicosulfuron In Aqueous Solution. <i>SSRN Electronic Journal</i> ,	1	
44	Detection of Lead(II) in Living Cells by Inducing the Transformation of a Supramolecular System into Quantum Dots. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 7907-7915	8.3	2
43	Ultrahigh Sensitive Detection of Tau Protein as Alzheimer's Biomarker via Microfluidics and Nanofunctionalized Optical Fiber Sensors. <i>Advanced Photonics Research</i> , 2200044	1.9	2

42	The sensitive detection and mechanism of Fe-3,5-dimethyl pyrazole fluorescent sensor to diethylenetriamine pentamethylene phosphonic acid: experimental study and quantum chemical calculation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 121623	4.4	
41	Highly Sensitive and Selective Gas Sensors Based on NiO/MnO ₂ @NiO Nanosheets to Detect Allyl Mercaptan Gas Released by Humans under Psychological Stress. <i>Advanced Science</i> , 2202442	13.6	0
40	A fluorescent chemosensor based on 4-N-glycosyl and coumarin for sensing of Hg(II) ions in acetonitrile. <i>Journal of Chemical Research</i> , 2022 , 46, 174751982211094	0.6	1
39	The effects of subterranean estuary dynamics on nutrient resource ratio availability to microphytobenthos in a coastal lagoon. <i>Science of the Total Environment</i> , 2022 , 157522	10.2	0
38	A simple approach based on transmetalation for the selective and sensitive colorimetric/fluorometric detection of copper(II) ions in drinking water.		2
37	The facile detection and micromechanism of ATMP and DTPMP by fluorescence sensor based on nitrogen-doped carbon nanomaterials. 2022 , 110659		
36	Gold nanoparticles stabilized by sulfonated imidazolium salt for the manufacture of modified electrodes in order to electrochemical detection of indomethacin. 2022 , 183, 107992		0
35	A Simple Phenazine Derivative Fluorescence Sensor for Detecting Formaldehyde.		1
34	Aggregation Induced Emission Supramolecular Functionalized Benzimidazole Hydrogel for Metal-Ion Responsive and Fluorescent Anti-Counterfeiting. 2022 , 7,		0
33	Modeling Interfacial Interaction between Gas Molecules and Semiconductor Metal Oxides: A New View Angle on Gas Sensing. 2203594		2
32	Highly Specific and Sensitive Naked-Eye Fluoride Ion Recognition via Unzipping a Helical Poly(phenylacetylene).		1
31	Effect of Crude Glycerin in the Feed of Lactating Goats on Concentrations of Essential and Toxic Metals in Serum, Urine, Milk, and Artisanal "Coalho" Cheese.		0
30	Carbazole-Derivative-Based One-Dimensional Metal-Organic Tube Demonstrating Stimuli-Responsive Luminescence.		0
29	A water-stable Eu-MOF as multi-responsive luminescent sensor for high-efficiency detection of Fe ³⁺ , MnO ₄ ⁻ ions and nicosulfuron in aqueous solution. 2022 , 316, 123598		0
28	Amine-Functionalized Silane-Assisted Preparation of AgNP-Deposited Ni(OH) ₂ Composite Materials and Their Application in Hg ²⁺ Ion Sensing. 2022 , 7, 39396-39403		0
27	A new fluorescent probe constructed by europium(III)-organic framework (Eu-MOF) for detecting Cu ²⁺ selectively and sensitively. 2022 , 134460		0
26	A novel strategy for preparing calibration standards for laser-induced breakdown spectroscopy using beeswax as a substrate: A case study with cosmetic and lubricant oil samples. 2022 , 106566		0
25	A novel biosensor-based method for the detection of p-nitrophenol in agricultural soil. 2022 , 137306		0

- 24 A novel AIEE pillar[5]arene-based conjugated oligomer as paraquat fluorescence turn-off sensor. **2023**, 210, 111027 ○
- 23 Cd-Based Coordination Polymer Using a Bioinspired Ligand: Studies Toward Turn-On Luminescence-Based Sensing and Schottky Diode Behavior through Device Fabrication. **2022**, 22, 7050-7061 ○
- 22 Efficient Recognition and Removal of Persistent Organic Pollutants by a Bifunctional Molecular Material. 1
- 21 Tuning Energy Transfer in Metal-Organic Frameworks for Fluorescence Turn-on Sensing of Hg(II) Ions. ○
- 20 Luminescent Metal-Organic Framework with 2,1,3-Benzothiadiazole Units for Highly Sensitive Gossypol Sensing. **2023**, 11, 52 ○
- 19 Room-temperature sensing performance of binary Co-Zn doped MoS₂/graphite composite toward ppb-level NO₂. 1
- 18 Geochemical records in subaerial exposure environments in Croatia using discriminant function analysis of bauxite data. 10, ○
- 17 PdNPs/carbon dots/silica hybrid nanostructures: the development of an electrochemical sensor for simultaneous determination of dopamine and serotonin in real samples. **2023**, 25, ○
- 16 Ion recognition properties of 2,2'-bibenzimidazole regulated by ammonium-modified pillar[5]arenes. ○
- 15 Creatinine Imprinted Photonic Crystals Hydrogel Sensor. **2023**, 16, 104684 ○
- 14 Ultra-low limit of luminescent detection of gossypol by terbium(III)-based metal-organic framework. **2023**, 452, 131289 ○
- 13 Synthesis and investigation of bis(phenyl)fluorene and carbazole appended dipodal Schiff base for fluorescence sensing towards Sn(II) ion and its regioselective polymerization. **2023**, 441, 114665 ○
- 12 Single and combined effects of cadmium, microplastics, and their mixture on whole-body serotonin and feeding behaviour following chronic exposure and subsequent recovery in the freshwater leech, *Nepheleopsis obscura*. **2023**, 259, 106538 ○
- 11 18-β-Glycyrrhetic acid derivative-based metallo-hydrogels with highly selective and sensitive for histidine detection. **2023**, 16, 104766 ○
- 10 Hg(II) immobilization and detection using gel formation with tetra-(4-pyridylphenyl)ethylene and an aggregation-induced luminescence effect. **2023**, 13, ○
- 9 MOCVD of Hierarchical C-MoS₂ Nanobranches for ppt-Level NO₂ Detection. 2200392 ○
- 8 Portable x-ray fluorescence calibrations: Workflow and guidelines for optimizing the analysis of geological samples. **2023**, 623, 121395 ○
- 7 Synergetic effects of Mo₂C sphere/SCN nanocatalysts interface for nanomolar detection of uric acid and folic acid in presence of interferences. **2023**, 253, 114694 ○

- 6 Evaluation of metal exposure through the composition of essential and toxic micro-minerals in freshwater turtles (*Phrynops geoffroanus*) from a Brazilian river. **2023**, 30, 54871-54884
- 5 New Approaches in Electroanalytical Determination of Triazines-Based Pesticides in Natural Waters. **2023**, 4, 84-101
- 4 Noncovalent induced circular dichroism sensors based on a chiral metal-organic framework: chiral induction synthesis, quantitative enantioselective sensing and noncovalent sensing mechanism.
- 3 A Zinc(II) Schiff Base Complex as Fluorescent Chemosensor for the Selective and Sensitive Detection of Copper(II) in Aqueous Solution. **2023**, 23, 3925
- 2 Aerosol Jet Printing Enabled Dual-Function Electrochemical and Colorimetric Biosensor for SARS-CoV-2 Detection.
- 1 Laser-induced graphene incorporated with silver nanoparticles applied for heavy metal multi-detection.