

# Manuel Algarra

## List of Publications by Year in Descending Order

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

131  
papers

2,634  
citations

30  
h-index

45  
g-index

140  
ext. papers

3,101  
ext. citations

5.2  
avg, IF

5.26  
L-index

#	Paper	IF	Citations
131	Phenylamine/Amide Grafted in Silica as Sensing Nanocomposites for the Removal of Carbamazepine: A DFT Approach. <i>Chemosensors</i> , <b>2022</b> , 10, 76	4	0
130	Determination of Physicochemical Water Quality of the Ghis-Nekor Aquifer (Al Hoceima, Morocco) Using Hydrochemistry, Multiple Isotopic Tracers, and the Geographical Information System (GIS). <i>Water (Switzerland)</i> , <b>2022</b> , 14, 606	3	1
129	Biochemical changes in cancer cells induced by photoactive nanosystem based on carbon dots loaded with Ru-complex.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 360, 109950	5	0
128	Amorphous calcium phosphate nanoparticles allow fingerprint detection via self-activated luminescence. <i>Chemical Engineering Journal</i> , <b>2022</b> , 443, 136443	14.7	0
127	S, N-doped carbon dots-based cisplatin delivery system in adenocarcinoma cells: Spectroscopical and computational approach.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 623, 226-237	9.3	0
126	Electronic Structure of Nitrobenzene: A Benchmark Example of the Accuracy of the Multi-State CASPT2 Theory. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 9431-9437	2.8	1
125	Discovery of New Potent Positive Allosteric Modulators of Dopamine D Receptors: Insights into the Bioisosteric Replacement of Proline to 3-Furoic Acid in the Melanostatin Neuropeptide. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 6209-6220	8.3	1
124	Periodismo y tecnolog�a, tendencias de investigaci�n y propuestas. <i>Estudios Sobre El Mensaje Periodistico</i> , <b>2021</b> , 27, 463-480	0.9	0
123	Chemically heterogeneous carbon dots enhanced cholesterol detection by MALDI TOF mass spectrometry. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 373-383	9.3	7
122	Comprehensive Insight from Phthalates Occurrence: From Health Outcomes to Emerging Analytical Approaches. <i>Toxics</i> , <b>2021</b> , 9,	4.7	4
121	Detection of Ru potential metallodrug in human urine by MALDI-TOF mass spectrometry: Validation and options to enhance the sensitivity. <i>Talanta</i> , <b>2021</b> , 222, 121551	6.2	6
120	M/TiO2 (M = Fe, Co, Ni, Cu, Zn) catalysts for photocatalytic hydrogen production under UV and visible light irradiation. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 3491-3500	6.8	4
119	Evaluation of the Occurrence of Phthalates in Plastic Materials Used in Food Packaging. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2130	2.6	5
118	An Active Surface Preservation Strategy for the Rational Development of Carbon Dots as pH-Responsive Fluorescent Nanosensors. <i>Chemosensors</i> , <b>2021</b> , 9, 191	4	3
117	Estimation of carbon dots amelioration of copper toxicity in maize studied by synchrotron radiation-FTIR. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 204, 111828	6	3
116	Design, Synthesis, and Biological Evaluation of Hybrid Glypromate Analogues Using 2-Azanorbornane as a Prolyl and Pipecolyl Surrogate. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 3615-3624	5.7	1
115	Detection of Cadmium-related ions by MALDI TOF mass spectrometry correlates with physicochemical properties of Cadmium/matrix adducts. <i>Polyhedron</i> , <b>2021</b> , 209, 115463	2.7	

114	Turning Spent Coffee Grounds into Sustainable Precursors for the Fabrication of Carbon Dots. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	14
113	Insights into the formation of an emissive CdTe-quantum-dots/cellulose hybrid film. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 714-722	9.3	5
112	Modification of electrodes with N-and S-doped carbon dots. Evaluation of the electrochemical response. <i>Talanta</i> , <b>2020</b> , 212, 120806	6.2	16
111	Insights into the Photodecomposition of Azidomethyl Methyl Sulfide: A S/S Conical Intersection on Nitrene Potential Energy Surfaces Leading to the Formation of -Methyl--sulfenylmethanimine. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 1911-1921	2.8	5
110	Comparative life cycle assessment of bottom-up synthesis routes for carbon dots derived from citric acid and urea. <i>Journal of Cleaner Production</i> , <b>2020</b> , 254, 120080	10.3	23
109	New Insights Towards 1,4-Benzodiazepines from Curcumin. Design, Synthesis and Antimicrobial Activities. <i>Medicinal Chemistry</i> , <b>2020</b> , 16, 1112-1123	1.8	1
108	Insights into the formation of N doped 3D-graphene quantum dots. Spectroscopic and computational approach. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 678-686	9.3	21
107	SR-FTIR spectro-microscopic interaction study of biochemical changes in HeLa cells induced by Levan-C, Pullulan-C, and their cholesterol-derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 165, 2541-2549	7.9	4
106	Monitoring Phthalates in Table and Fortified Wines by Headspace Solid-Phase Microextraction Combined with Gas Chromatography-Mass Spectrometry Analysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8431-8437	5.7	2
105	Detection of Dopamine in Human Fluids Using N-Doped Carbon Dots. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 8004-8011	5.6	18
104	Insights into the Thermal and Photochemical Reaction Mechanisms of Azidoacetonitrile. Spectroscopic and MS-CASPT2 Calculations. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1126-1133	3.2	7
103	Insight into the hybrid luminescence showed by carbon dots and molecular fluorophores in solution. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 20919-20926	3.6	26
102	Effect of 1-(3-phenoxypropyl) pyridazin-1-ium bromide on steel corrosion inhibition in acidic medium. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 541, 418-424	9.3	69
101	Synthesis, characterization and electrochemical behaviour of dimethyleneamine-bridged methylated and non-methylated biferrocenyl derivatives. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 896, 183-187	2.3	1
100	Sustainable Production of Carbon Nanoparticles from Olive Pit Biomass: Understanding Proton Transfer in the Excited State on Carbon Dots. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 10493-10500	8.3	16
99	Synthesis, Pharmacological, and Biological Evaluation of MIF-1 Picolinoyl Peptidomimetics as Positive Allosteric Modulators of DR. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 3690-3702	5.7	5
98	Synthesis of a cross-linked cellulose-based amine polymer and its application in wastewater purification. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 28080-28091	5.1	6
97	Interaction of Carbohydrate Coated Cerium-Oxide Nanoparticles with Wheat and Pea: Stress Induction Potential and Effect on Development. <i>Plants</i> , <b>2019</b> , 8,	4.5	9

96	Fingerprint imaging using N-doped carbon dots. <i>Carbon</i> , <b>2019</b> , 144, 791-797	10.4	39
95	Eco-friendly modification of a regenerated cellulose based film by silicon, carbon and N-doped carbon quantum dots. <i>Carbohydrate Polymers</i> , <b>2019</b> , 206, 238-244	10.3	22
94	P-doped carbon nano-powders for fingerprint imaging. <i>Talanta</i> , <b>2019</b> , 194, 150-157	6.2	17
93	Use of capillary electrophoresis for characterisation of vinyl-terminated Au nanoprisms and nanooctahedra. <i>Electrophoresis</i> , <b>2018</b> , 39, 1437-1442	3.6	4
92	S- and N-doped carbon quantum dots: Surface chemistry dependent antibacterial activity. <i>Carbon</i> , <b>2018</b> , 135, 104-111	10.4	152
91	Catalyzed Microwave-Assisted Preparation of Carbon Quantum Dots from Lignocellulosic Residues. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7200-7205	8.3	56
90	Enhanced electrochemical response of carbon quantum dot modified electrodes. <i>Talanta</i> , <b>2018</b> , 178, 679-685	6.2	38
89	Carbon Quantum Dot Surface-Chemistry-Dependent Ag Release Governs the High Antibacterial Activity of Ag-Metal-Organic Framework Composites.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 693-707	4.1	37
88	Corrosion Resistance of Mild Steel Coated with Organic Material Containing Pyrazol Moiety. <i>Coatings</i> , <b>2018</b> , 8, 330	2.9	33
87	Magnetic/non-magnetic argan press cake nanocellulose for the selective extraction of sudan dyes in food samples prior to the determination by capillary liquid chromatography. <i>Talanta</i> , <b>2017</b> , 166, 63-69	6.2	35
86	Thermo-responsive microgels based on encapsulated carbon quantum dots. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4835-4842	3.6	13
85	Insights into corrosion inhibition behavior of three chalcone derivatives for mild steel in hydrochloric acid solution. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 238, 71-83	6	125
84	Eco friendly green inhibitor Gum Arabic (GA) for the corrosion control of mild steel in hydrochloric acid medium. <i>Corrosion Science</i> , <b>2017</b> , 129, 70-81	6.8	102
83	Dispersed synthesis of uniform Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles via in situ decomposition of iron precursor along cotton fibre for Sudan dyes analysis in food samples. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2017</b> , 34, 1853-1862	3.2	6
82	Carbon dots coated with vitamin B12 as selective ratiometric nanosensor for phenolic carbofuran. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 239, 553-561	8.5	38
81	The Application of Functionalized Pillared Porous Phosphate Heterostructures for the Removal of Textile Dyes from Wastewater. <i>Materials</i> , <b>2017</b> , 10,	3.5	1
80	Characterization of cellulose membranes modified with luminescent silicon quantum dots nanoparticles. <i>Carbohydrate Polymers</i> , <b>2016</b> , 151, 939-946	10.3	11
79	Influence of pH, layer charge location and crystal thickness distribution on U(VI) sorption onto heterogeneous dioctahedral smectite. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 317, 246-258	12.8	22

78	Kinetics of uranyl ions sorption on heterogeneous smectite structure at pH4 and 6 using a continuous stirred flow-through reactor. <i>Applied Clay Science</i> , <b>2016</b> , 134, 71-82	5.2	16
77	Synthesis of vinyl-terminated Au nanoprisms and nanooctahedra mediated by 3-butenoic acid: direct Au@pNIPAM fabrication with improved SERS capabilities. <i>Nanoscale</i> , <b>2016</b> , 8, 4557-64	7.7	22
76	Carbon dots on based folic acid coated with PAMAM dendrimer as platform for Pt(IV) detection. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 465, 165-73	9.3	42
75	DMABI tripod structures with sensing capabilities: synthesis, characterization and fluorescence analysis. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 2393-2400	3.6	2
74	Notes on the origin of copromacrinite based on nitrogen functionalities and $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ determined on samples from the Peach Orchard coal bed, southern Magoffin County, Kentucky. <i>International Journal of Coal Geology</i> , <b>2016</b> , 160-161, 63-72	5.5	9
73	Enhancement of the Upconversion Emission by Visible-to-Near-Infrared Fluorescent Graphene Quantum Dots for miRNA Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 12644-51	9.5	56
72	Carbon dots as fluorescent sensor for detection of explosive nitrocompounds. <i>Carbon</i> , <b>2016</b> , 106, 171-178	10.4	93
71	Extending Hexaazatriphenylene with Mono-/Bithiophenes in Acceptor/Donor Diads and Acceptor/Donor/Acceptor Triads. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 23276-23285	3.8	5
70	Fluorescent chemosensor for pyridine based on N-doped carbon dots. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 458, 209-16	9.3	48
69	Modification of regenerated cellulose membrane based on thiol dendrimer. <i>Carbohydrate Polymers</i> , <b>2015</b> , 131, 273-9	10.3	9
68	Fluorescent sensor for Cr(VI) based in functionalized silicon quantum dots with dendrimers. <i>Talanta</i> , <b>2015</b> , 144, 862-7	6.2	38
67	A novel approach to size separation of gold nanoparticles by capillary electrophoresis by evaporative light scattering detection. <i>RSC Advances</i> , <b>2015</b> , 5, 16672-16677	3.7	31
66	ZnS:Mn nanoparticles functionalized by PAMAM-OH dendrimer based fluorescence ratiometric probe for cadmium. <i>Talanta</i> , <b>2015</b> , 134, 317-324	6.2	9
65	Microwave-assisted synthesis of carbon dots and its potential as analysis of four heterocyclic aromatic amines. <i>Talanta</i> , <b>2015</b> , 132, 845-50	6.2	49
64	Recent Applications of Magnesium Chemical Sensors in Biological Samples. <i>Critical Reviews in Analytical Chemistry</i> , <b>2015</b> , 45, 32-40	5.2	7
63	Anthocyanin profile and antioxidant capacity of black carrots ( <i>Daucus carota</i> L. ssp. <i>sativus</i> var. <i>atrorubens</i> Alef.) from Cuevas Bajas, Spain. <i>Journal of Food Composition and Analysis</i> , <b>2014</b> , 33, 71-76	4.1	110
62	Thermochemistry of organic azides revisited. <i>Thermochimica Acta</i> , <b>2014</b> , 597, 78-84	2.9	11
61	Carbon dots obtained using hydrothermal treatment of formaldehyde. Cell imaging in vitro. <i>Nanoscale</i> , <b>2014</b> , 6, 9071-7	7.7	71

60	Luminescent carbon nanoparticles: effects of chemical functionalization, and evaluation of Ag <sup>+</sup> sensing properties. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 8342	13	80
59	Characterization of an engineered cellulose based membrane by thiol dendrimer for heavy metals removal. <i>Chemical Engineering Journal</i> , <b>2014</b> , 253, 472-477	14.7	35
58	HPLC ENANTIOSEPARATION OF THE ALKALOID CANADINE AND DETERMINATION OF ENANTIOMERIC PURITY WITH CHIRAL/PHOTOMETRIC AND ACHIRAL/POLARIMETRIC DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2014</b> , 37, 26-38	1.3	4
57	Fingerprint detection and using intercalated CdSe nanoparticles on non-porous surfaces. <i>Analytica Chimica Acta</i> , <b>2014</b> , 812, 228-35	6.6	30
56	Solid luminescent CdSe-thiolated porous phosphate heterostructures. Application in fingermark detection in different surfaces. <i>Surface and Interface Analysis</i> , <b>2013</b> , 45, 612-618	1.5	11
55	Luminescent behavior of CdTe quantum dots: Neodymium(III) complex-capped nanoparticles. <i>Journal of Luminescence</i> , <b>2013</b> , 134, 408-413	3.8	2
54	Adsorption of uranyl ions on kaolinite, montmorillonite, humic acid and composite clay material. <i>Applied Clay Science</i> , <b>2013</b> , 85, 53-63	5.2	42
53	Current analytical strategies for C-reactive protein quantification in blood. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 1-9	6.2	34
52	Inclusion of thiol DAB dendrimer/CdSe quantum dots based in a membrane structure: Surface and bulk membrane modification. <i>Electrochimica Acta</i> , <b>2013</b> , 89, 652-659	6.7	8
51	Component analysis of fluorescence spectra of thiol DAB dendrimer/ZnSe-PEA nanoparticles. <i>Talanta</i> , <b>2013</b> , 105, 267-71	6.2	4
50	Coal Rank Increase and Aerial Oxidation by a Combination of Fourier Transform Infrared Spectroscopy with Multivariate Analysis. <i>Spectroscopy Letters</i> , <b>2013</b> , 46, 277-285	1.1	2
49	Synthesis of azobenzene substituted tripod-shaped bi(p-phenylene)s. Adsorption on gold and CdS quantum-dots surfaces. <i>Tetrahedron</i> , <b>2013</b> , 69, 3465-3474	2.4	9
48	Amplified Spontaneous Emission in Pentathienoacene Dioxides by Direct Optical Pump and by Energy Transfer: Correlation with Photophysical Parameters. <i>Advanced Optical Materials</i> , <b>2013</b> , 1, 588-599	8.1	9
47	Catalytic Activity of Porous Phosphate Heterostructures-Fe towards Reactive Black 5 Degradation. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-6	2.1	5
46	Raman Microspectroscopy of Genuine and Fake Euro Banknotes. <i>Spectroscopy Letters</i> , <b>2013</b> , 46, 569-576	1.1	20
45	Novel $\beta$ -cyclodextrin modified CdTe quantum dots as fluorescence nanosensor for acetylsalicylic acid and metabolites. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 799-803	8.3	20
44	Niclosamide quantification in methyl- $\beta$ -cyclodextrin after derivatization to aminoniclosamide. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2012</b> , 72, 89-94		6
43	Thiolated DAB dendrimers and CdSe quantum dots nanocomposites for Cd(II) or Pb(II) sensing. <i>Talanta</i> , <b>2012</b> , 88, 403-7	6.2	40

42	CdSe and ZnSe quantum dots capped with PEA for screening C-reactive protein in human serum. <i>Talanta</i> , <b>2012</b> , 93, 411-4	6.2	13
41	Sensitive chemiluminescent immunoassay of triclopyr by digital image analysis. <i>Talanta</i> , <b>2012</b> , 97, 42-7	6.2	8
40	Thiolated DAB dendrimer/ZnSe nanoparticles for C-reactive protein recognition in human serum. <i>Talanta</i> , <b>2012</b> , 99, 574-9	6.2	14
39	CdS Quantum Dots Nanoparticles Dispersed in Zeolites. Optical Study. <i>Journal of Dispersion Science and Technology</i> , <b>2012</b> , 33, 786-791	1.5	2
38	HPLC enantioseparation of alkaloid malacitanine using fluorimetric/polarimetric detection. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1863-8	3.4	1
37	Determination of enantiomeric excess by chiral liquid chromatography without enantiomerically pure starting standards. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 1241-6	1.7	16
36	Chemiluminescence Detection of 2,4,5-Trichlorophenoxy Acetic Acid in Apple Juice by Digital Image Analysis. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 448-453	3.4	2
35	Optical Characterization of CdS Quantum Dots Nanoparticles Dispersed in Clays. <i>Journal of Dispersion Science and Technology</i> , <b>2012</b> , 33, 1139-1143	1.5	1
34	Fatty Acid and Cholesterol Content of Manchego Type Cheese Prepared with Incorporated Avocado Oil. <i>International Journal of Food Properties</i> , <b>2012</b> , 15, 796-808	3	3
33	CdSe quantum dots capped PAMAM dendrimer nanocomposites for sensing nitroaromatic compounds. <i>Talanta</i> , <b>2011</b> , 83, 1335-40	6.2	49
32	Time resolved spectroscopy of 2-(dimethylamino)fluorene. Solvent effects and photophysical behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 83, 88-93	4.4	7
31	Hybrid porous phosphate heterostructures as adsorbents of Hg(II) and Ni(II) from industrial sewage. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 190, 694-9	12.8	10
30	CdS nanocomposites assembled in porous phosphate heterostructures for fingerprint detection. <i>Optical Materials</i> , <b>2011</b> , 33, 893-898	3.3	37
29	Vapor pressures and enthalpies of vaporization of azides. <i>Journal of Chemical Thermodynamics</i> , <b>2011</b> , 43, 1652-1659	2.9	13
28	Luminol-Doped Nanostructured Composite Materials for Chemiluminescent Sensing of Hydrogen Peroxide. <i>Analytical Letters</i> , <b>2010</b> , 43, 2762-2772	2.2	0
27	Fluorescent properties of a hybrid cadmium sulfide-dendrimer nanocomposite and its quenching with nitromethane. <i>Journal of Fluorescence</i> , <b>2010</b> , 20, 143-51	2.4	26
26	Photophysical behaviour of 2-(dimethylamino)-fluorene in organised assemblies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 66, 307-314		2
25	Porous phosphate heterostructures containing CdS quantum dots: assembly, characterization and photoluminescence. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 67, 225-232		4

24	LC-MS identification of derivatized free fatty acids from adipocere in soil samples. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 143-54	3.4	9
23	Comparison of adipocere formation in four soil types of the Porto (Portugal) district. <i>Forensic Science International</i> , <b>2010</b> , 195, 168.e1-6	2.6	10
22	Synthesis of theophylline derivatives and study of their activity as antagonists at adenosine receptors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 2081-2088	3.4	11
21	Automated determination of asulam by enhanced chemiluminescence using luminol/peroxidase system. <i>Luminescence</i> , <b>2009</b> , 24, 448-52	2.5	2
20	Resolution of (+)-cinchonine and (-)-cinchonidine by phase-modulation fluorescence spectroscopy. <i>Analytica Chimica Acta</i> , <b>2009</b> , 639, 67-72	6.6	7
19	ADSORPTION AND RECOVERY OF NITRATED POLYCYCLIC AROMATIC HYDROCARBONS ON HYBRID SURFACTANT EXPANDED ZIRCONIUM-PHOSPHATE. <i>Polycyclic Aromatic Compounds</i> , <b>2009</b> , 29, 28-40	1.3	4
18	Mercury(II) sensing based on the quenching of fluorescence of CdS-dendrimer nanocomposites. <i>Analyst, The</i> , <b>2009</b> , 134, 2447-52	5	44
17	HPLC Determination of the Cardiotonics, Dopamine and 4-Methyl-2-aminopyridine, in Serum Following Fluorescamine Derivatization. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2009</b> , 32, 849-859	1.3	10
16	Determination of asulam by fast stopped-flow chemiluminescence inhibition of luminol/peroxidase. <i>Talanta</i> , <b>2008</b> , 77, 294-7	6.2	14
15	Chemiluminometric Determination of the Pesticide Pirimicarb by a Flow Injection Analysis Assembly. <i>Analytical Letters</i> , <b>2008</b> , 41, 3210-3220	2.2	6
14	Fluorimetric Determination of p-Hydroxybenzoic Acid in Beer as $\beta$ -Cyclodextrin Inclusion Complex. <i>Analytical Letters</i> , <b>2008</b> , 41, 1802-1810	2.2	10
13	Heavy metals removal from electroplating wastewater by aminopropyl-Si MCM-41. <i>Chemosphere</i> , <b>2005</b> , 59, 779-86	8.4	101
12	Contrasting behavior in azide pyrolyses: an investigation of the thermal decompositions of methyl azidoformate, ethyl azidoformate and 2-azido-N, N-dimethylacetamide by ultraviolet photoelectron spectroscopy and matrix isolation infrared spectroscopy. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 1665-76	4.8	35
11	Detection and quantification of PAH in drinking water by front-face fluorimetry on a solid sorbent and PLS analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 382, 1103-10	4.4	17
10	Electrocatalytic Determination of Vitamin C Using Calixarene Modified Carbon Paste Electrodes. <i>Electroanalysis</i> , <b>2004</b> , 16, 2082-2086	3	23
9	A Study of the Thermal Decomposition of 2-Azidoacetamide by Ultraviolet Photoelectron Spectroscopy and Matrix-Isolation Infrared Spectroscopy: Identification of the Imine Intermediate H <sub>2</sub> NCOCHNH. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 5299-5307	2.8	23
8	Evaluation of new surfactant expanded zirconium and titanium phosphates for polycyclic aromatic hydrocarbons extraction from waters. <i>Chemosphere</i> , <b>2004</b> , 57, 179-86	8.4	4
7	Matrix-isolation FTIR study of azidoacetone and azidoacetonitrile. <i>Low Temperature Physics</i> , <b>2003</b> , 29, 870-875	0.7	3

6	Solid Phase Enhanced Direct Spectrofluorometric Determination of Polychlorinated Biphenyls (PCBs) in Natural Waters. <i>Polycyclic Aromatic Compounds</i> , <b>2001</b> , 19, 241-251	1.3	5
5	Direct Fluorometric Analysis of PAHs in Water and in Urine Following Liquid Solid Extraction. <i>Journal of Fluorescence</i> , <b>2000</b> , 10, 355-359	2.4	13
4	Cyclodextrin Enhanced Spectrofluorimetric Determination of Melatonin in Pharmaceuticals and Urine. <i>Analytical Letters</i> , <b>2000</b> , 33, 891-903	2.2	10
3	Synchronous-derivative phosphorimetric determination of 1- and 2-naphthol in irrigation water by employing beta-cyclodextrin. <i>Talanta</i> , <b>1999</b> , 49, 679-89	6.2	14
2	Determination of fluorene in sea-water by room temperature phosphorescence in organised media. <i>Analyt, The</i> , <b>1998</b> , 123, 2217-2221	5	17
1	The removal of methyl orange by nanohydroxyapatite from aqueous solution: isotherm, kinetics and thermodynamics studies. <i>85</i> , 237-249		2