

Cosimino Malitesta

List of Publications by Year in descending order

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154
papers

5,423
citations

94381

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91828

69
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161
all docs

161
docs citations

161
times ranked

6523
citing authors

#	ARTICLE	IF	CITATIONS
1	HPLC-MS/MS method applied to an untargeted metabolomics approach for the diagnosis of "olive quick decline syndrome". Analytical and Bioanalytical Chemistry, 2022, 414, 465-473.	1.9	9
2	Electrochemical sensing of macromolecules based on molecularly imprinted polymers: challenges, successful strategies, and opportunities. Analytical and Bioanalytical Chemistry, 2022, 414, 5165-5200.	1.9	19
3	Development of Electrochemical Sensors Based on Electrosynthesized Imprinted Polymers for Cobalt (Co ²⁺) Ion Determination in Water. , 2022, 16, .		0
4	Redox Profiling of Selected Apulian Red Wines in a Single Minute. Antioxidants, 2022, 11, 859.	2.2	4
5	Microplastics™ Occurrence in Edible Fish Species (Mullus barbatus and M. surmuletus) from an Italian Marine Protected Area. Microplastics, 2022, 1, 291-302.	1.6	1
6	Using a natural chlorite as catalyst in chemical recycling of waste plastics: Hydrolytic depolymerization of poly-[bisphenol A carbonate] promoted by clinoclure. Waste Management, 2021, 120, 642-649.	3.7	18
7	Microfluidic Setup for Simultaneous Separation and Electrochemical Determination of Hg ²⁺ and Ag ⁺ Ions in Water. Electroanalysis, 2021, 33, 781-788.	1.5	4
8	Magnetic MWCNTs-dendrimer: A potential modifier for electrochemical evaluation of As (III) ions in real water samples. Journal of Electroanalytical Chemistry, 2021, 888, 115059.	1.9	54
9	Bare Platinum Nanoparticles Deposited on Glassy Carbon Electrodes for Electrocatalytic Detection of Hydrogen Peroxide. ACS Applied Nano Materials, 2021, 4, 7650-7662.	2.4	27
10	An Insight into Chemistry and Structure of Colloidal 2D-WS ₂ Nanoflakes: Combined XPS and XRD Study. Nanomaterials, 2021, 11, 1969.	1.9	22
11	Sustainable chitosan-based electrical responsive scaffolds for tissue engineering applications. Sustainable Materials and Technologies, 2021, 28, e00260.	1.7	5
12	An innovative and simple all electrochemical approach to functionalize electrodes with a carbon nanotubes/polypyrrole molecularly imprinted nanocomposite and its application for sulfamethoxazole analysis. Journal of Colloid and Interface Science, 2021, 599, 676-685.	5.0	36
13	Optimization of a new multi-reagent procedure for quantitative mussel digestion in microplastic analysis. Marine Pollution Bulletin, 2021, 173, 112931.	2.3	13
14	Enzyme-Mimics Molecularly Imprinted Polymers Based on Metal Complexes: Electropolymerization and Electrocatalytic Application. Methods in Molecular Biology, 2021, 2359, 233-240.	0.4	2
15	Molecularly Imprinted Polyscopoletin for the Electrochemical Detection of the Chronic Disease Marker Lysozyme. Biosensors, 2021, 11, 3.	2.3	35
16	A Comparison of EIS and QCM NanoMIP-Based Sensors for Morphine. Nanomaterials, 2021, 11, 3360.	1.9	10
17	Intracellular Antioxidant Activity of Biocompatible Citrate-Capped Palladium Nanozymes. Nanomaterials, 2020, 10, 99.	1.9	36
18	Sensor based on electrosynthesised imprinted polymeric film for rapid and trace detection of copper(II) ions. Sensors and Actuators B: Chemical, 2020, 307, 127648.	4.0	46

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19	Removal of Phenolic Compounds from Olive Mill Wastewater by a Polydimethylsiloxane/oxMWCNTs Porous Nanocomposite. <i>Water (Switzerland)</i> , 2020, 12, 3471.	1.2	8
20	Humic acid coated magnetic particles as highly efficient heterogeneous photo-Fenton materials for wastewater treatments. <i>Chemical Engineering Journal</i> , 2020, 390, 124619.	6.6	49
21	Preliminary Study on Electrochemical Ion Imprinted Polymeric Film in Sensor Development for Cd(II) Ions Determination in Water. , 2020, 60, .		0
22	Organised Colloidal Metal Nanoparticles for LSPR Refractive Index Transducers. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 173-179.	0.3	0
23	Easy fabrication of mussel inspired coated foam and its optimization for the facile removal of copper from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 401-411.	5.0	18
24	Synthesis and Application of Ion-imprinted Nanoparticles in Electrochemical Sensors for Copper (II) Determination. <i>ChemNanoMat</i> , 2019, 5, 754-760.	1.5	20
25	Response Surface Methodology for the Optimisation of Electrochemical Biosensors for Heavy Metals Detection. <i>Biosensors</i> , 2019, 9, 26.	2.3	31
26	NanoMIP-based approach for the suppression of interference signals in electrochemical sensors. <i>Analyst</i> , The, 2019, 144, 7290-7295.	1.7	10
27	Dielectrical performance of high-k yttrium copper titanate thin films for electronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7090-7098.	1.1	9
28	Investigation of polydopamine coatings by X-ray Photoelectron Spectroscopy as an effective tool for improving biomolecule conjugation. <i>Applied Surface Science</i> , 2018, 447, 31-39.	3.1	77
29	Facile synthesis of 3D flower-like Pt nanostructures on polypyrrole nanowire matrix for enhanced methanol oxidation. <i>RSC Advances</i> , 2018, 8, 10367-10375.	1.7	10
30	[¹⁸ F]F-DOPA synthesis by poly(dimethylsiloxane)-based platforms: thermal aging protocol to reduce chemicals-induced damage. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 143-152.	4.0	5
31	Preparation and characterization of molecularly imprinted mussel inspired film as antifouling and selective layer for electrochemical detection of sulfamethoxazole. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3374-3383.	4.0	71
32	An Innovative Porous Nanocomposite Material for the Removal of Phenolic Compounds from Aqueous Solutions. <i>Nanomaterials</i> , 2018, 8, 334.	1.9	24
33	High-k YCTO thin films for electronics. , 2018, , .		0
34	Sputtering-Enabled Intracellular X-ray Photoelectron Spectroscopy: A Versatile Method To Analyze the Biological Fate of Metal Nanoparticles. <i>ACS Nano</i> , 2018, 12, 7731-7740.	7.3	21
35	Maghemite Nanoparticles with Enhanced Magnetic Properties: One-Pot Preparation and Ultrastable Dextran Shell. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20271-20280.	4.0	18
36	Carbonaceous PM10 and PM2.5 and secondary organic aerosol in a coastal rural site near Brindisi (Southern Italy). <i>Environmental Science and Pollution Research</i> , 2018, 25, 23929-23945.	2.7	36

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37	CHAPTER 13. Electrosynthesized Molecularly Imprinted Polymers for Chemosensing: Fundamentals and Applications. RSC Polymer Chemistry Series, 2018, , 412-446.	0.1	3
38	An innovative, fast and facile soft-template approach for the fabrication of porous PDMS for water separation. Journal of Materials Chemistry A, 2017, 5, 23785-23793.	5.2	59
39	All-electrochemical approach for the assembly of platinum nanoparticles/polypyrrole nanowire composite with electrocatalytic effect on dopamine oxidation. Journal of Solid State Electrochemistry, 2017, 21, 3495-3504.	1.2	21
40	Bio-propylene glycol as value-added product from Epicerol® process. Sustainable Chemistry and Pharmacy, 2017, 6, 10-13.	1.6	22
41	Functional magneto-plasmonic biosensors transducers: Modelling and nanoscale analysis. Sensors and Actuators B: Chemical, 2017, 239, 100-112.	4.0	25
42	From Electrochemical Biosensors to Biomimetic Sensors Based on Molecularly Imprinted Polymers in Environmental Determination of Heavy Metals. Frontiers in Chemistry, 2017, 5, 47.	1.8	23
43	PDMS treated with dichloromethane: swollen weight without underestimation due to the solvent volatility and thermal aging to reduce swelling and morphology damage. , 2017, , .		0
44	Templateless synthesis of polypyrrole nanowires by non-static solution-surface electropolymerization. Journal of Solid State Electrochemistry, 2016, 20, 2143-2151.	1.2	15
45	An integrated study of the chemical composition of Antarctic aerosol to investigate natural and anthropogenic sources. Environmental Chemistry, 2016, 13, 867.	0.7	21
46	UV Reduced Graphene Oxide PEDOT:PSS Nanocomposite for Perovskite Solar Cells. IEEE Nanotechnology Magazine, 2016, 15, 725-730.	1.1	19
47	Solid-phase synthesis of electroactive nanoparticles of molecularly imprinted polymers. A novel platform for indirect electrochemical sensing applications. Sensors and Actuators B: Chemical, 2016, 229, 174-180.	4.0	73
48	A novel nonenzymatic amperometric hydrogen peroxide sensor based on CuO@Cu ₂ O nanowires embedded into poly(vinyl alcohol). Talanta, 2016, 147, 124-131.	2.9	105
49	Provenancing of VI century terra sigillata coming from Matera burial area by X-ray photoelectron spectroscopy. Journal of Cultural Heritage, 2016, 17, 194-197.	1.5	3
50	Polymer Nanocomposites based on in situ reduced graphene oxide for photovoltaic applications in innovative hybrid solar cells. , 2015, , .		0
51	Analytical characterization of silver-nanoparticle antimicrobial coatings for fiordilatte cheese. , 2015, , .		1
52	X-ray photoelectron spectroscopy of reduced graphene oxide prepared by a novel green method. Vacuum, 2015, 119, 159-162.	1.6	39
53	Molecularly Imprinted Overoxidized Polypyrrole as Recognition Element in the Electrochemical Detection of Sulfadimethoxine. Lecture Notes in Electrical Engineering, 2015, , 153-157.	0.3	0
54	A magnetic and highly reusable macroporous superhydrophobic/superoleophilic PDMS/MWNT nanocomposite for oil sorption from water. Journal of Materials Chemistry A, 2015, 3, 17685-17696.	5.2	128

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55	X-ray photoelectron spectroscopy characterization of aerosol particles in Antarctica. <i>Antarctic Science</i> , 2015, 27, 493-499.	0.5	5
56	Electrochemical sensor for Serotonin based on a composite made of core-shell molecularly imprinted polymer nanoparticles and polyethylenedioxythiophene. , 2015, , .		2
57	XPS in development of chemical sensors. <i>RSC Advances</i> , 2015, 5, 83164-83186.	1.7	80
58	Advanced materials for improving biosensing performances of propagating and localized plasmonic transducers. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
59	Synthesis of Reduced Graphite Oxide by a Novel Green Process Based on UV Light Irradiation. <i>Science of Advanced Materials</i> , 2015, 7, 2445-2451.	0.1	9
60	XPS Investigation of Electrosynthesized Conducting Polymer Nanostructures of Application in Sensors. Preliminary Results. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 165-169.	0.3	0
61	Electrochemical detection of serotonin using polyethylenedioxythiophene and core-shell molecularly imprinted polymer nanoparticles. , 2014, , .		2
62	Molecularly imprinted polypyrrole for the electrochemical detection of sulfadimethoxine: The effect of imprinting parameters. , 2014, , .		2
63	The effect of XPS background removing method on the appraisal of Ti and Fe: The case of phlogopites and brookite. <i>American Mineralogist</i> , 2014, 99, 139-148.	0.9	8
64	Evaluation of electrochemically synthesized sulfadimethoxine-imprinted polymer for solid-phase microextraction of sulfonamides. <i>Journal of Molecular Recognition</i> , 2014, 27, 415-420.	1.1	25
65	Development and characterization of a novel bioactive polymer with antibacterial and lysozyme-like activity. <i>Biopolymers</i> , 2014, 101, 461-470.	1.2	17
66	Room temperature facile synthesis of CuO nanostructures by resistive heating. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 60, 59-64.	1.3	18
67	A rapid and simple method for the determination of 3,4-dihydroxyphenylacetic acid, norepinephrine, dopamine, and serotonin in mouse brain homogenate by HPLC with fluorimetric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 266-270.	1.4	135
68	Copper nanoparticles/poly-3-methylthiophene composite: Synthesis, characterization and catalytic application to enzyme-less glucose detecting. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 70-77.	4.0	16
69	Nonhydrolytic Route to Boron-Doped TiO ₂ Nanocrystals. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 364-374.	1.0	19
70	Te oxide nanowires as advanced materials for amperometric nonenzymatic hydrogen peroxide sensing. <i>Talanta</i> , 2013, 115, 863-869.	2.9	39
71	High-aspect-ratio conducting polymer microtube synthesis by light-activated electropolymerization on microstructured silicon. <i>Electrochemistry Communications</i> , 2013, 35, 12-16.	2.3	6
72	Direct electrochemical detection of bisphenol A at PEDOT-modified glassy carbon electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3587-3592.	1.9	81

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73	Microstructuring conducting polymers and molecularly imprinted polymers by light-activated electropolymerization on micromachined silicon. Applications in electrochemical sensing. , 2013, , .		1
74	Amperometric non-enzymatic bimetallic glucose sensor based on platinum tellurium microtubes modified electrode. Electrochemistry Communications, 2012, 22, 45-48.	2.3	41
75	Tools for the Development of Electrochemical Sensors: an EQCM Flow Cell with Flow Focusing. Electroanalysis, 2012, 24, 790-797.	1.5	5
76	Highly conformal growth of microstructured polypyrrole films by electrosynthesis on micromachined silicon substrates. Electrochemistry Communications, 2012, 14, 1-4.	2.3	18
77	Nucleation and growth of copper particles on Pt and Pt/poly-3-methylthiophene modified electrode in presence of Cl ⁻ complexing agent. Materials Chemistry and Physics, 2012, 131, 719-727.	2.0	4
78	Electrosynthesis of molecularly imprinted polypyrrole for the antibiotic levofloxacin. Thin Solid Films, 2012, 520, 1938-1943.	0.8	39
79	MIP sensors – the electrochemical approach. Analytical and Bioanalytical Chemistry, 2012, 402, 1827-1846.	1.9	315
80	Mediator-free amperometric glucose biosensor based on glucose oxidase entrapped in poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	36
81	Electrochemically Synthesized Molecularly Imprinted Polymers for Sensing Applications. Lecture Notes in Electrical Engineering, 2011, , 409-413.	0.3	3
82	Low-potential sensitive H ₂ O ₂ detection based on composite micro tubular Te adsorbed on platinum electrode. Biosensors and Bioelectronics, 2011, 26, 3562-3569.	5.3	48
83	Ag nanoparticles capped by a nontoxic polymer: Electrochemical and spectroscopic characterization of a novel nanomaterial for glucose detection. Materials Science and Engineering C, 2011, 31, 606-611.	3.8	45
84	Potentiometric urea biosensor based on urease immobilized by an electrosynthesized poly(o-phenylenediamine) film with buffering capability. Sensors and Actuators B: Chemical, 2011, 157, 211-215.	4.0	61
85	Technology, characterization and preliminary sensing application of photoelectrosynthesized polypyrrole on microstructured silicon. , 2011, , .		0
86	A New Potentiometric Urea Biosensor Based on Urease Immobilized in Electrosynthesised Poly(O-Phenylenediamine). Lecture Notes in Electrical Engineering, 2011, , 335-338.	0.3	1
87	Electrochemical and Spectroscopic Characterization of Glucose Oxidase Immobilized in Polyvinyl Alcohol and Applications in Glucose Detection. Lecture Notes in Electrical Engineering, 2011, , 339-343.	0.3	1
88	X-Ray Photoelectron Spectroscopy characterization of electrosynthesized poly(3-thiophene acetic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3705-3709.	0.8	42
89	Electrochemical detection of the toxic organohalide 2,4-DB using a Co-porphyrin based electrosynthesized molecularly imprinted polymer. Sensors and Actuators B: Chemical, 2010, 148, 186-194.	4.0	39
90	QCM sensors for aqueous phenols based on active layers constituted by tetrapyrrolic macrocycle Langmuir films. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1129-1139.	0.4	17

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91	Screen-Printed Glucose Oxidase-Based Biosensor for Inhibitive Detection of Heavy Metal Ions in a Flow Injection System. <i>Sensor Letters</i> , 2009, 7, 153-159.	0.4	15
92	Inhibitive determination of metal ions by an amperometric glucose oxidase biosensor. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 394-402.	4.0	97
93	Development of a sensor prepared by entrapment of MIP particles in electrosynthesised polymer films for electrochemical detection of ephedrine. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1152-1156.	5.3	115
94	A new amperometric nanostructured sensor for the analytical determination of hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2008, 24, 1057-1063.	5.3	197
95	Electrochemical and Spectroscopic Behavior of Iron(III) Porphyrines in Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11517-11528.	1.2	11
96	Synthesis and Characterization of Imprinted TiO_2 Nanoparticles: Preliminary results. , 2008, , .		0
97	Preliminary Study on Electrosynthesis of a Co-Porphyrin Based Molecularly Imprinted Polymer for the Selective Detection of the Herbicide 2,4-Dichlorophenoxy Carboxylic Acid. <i>Sensor Letters</i> , 2008, 6, 618-622.	0.4	4
98	Synthesis and selective nucleoside recognition of a new substituted zinc-phthalocyanine. , 2008, , .		0
99	Spectroscopic Characterisation of TiO_2 Nanoparticles. <i>Sensor Letters</i> , 2008, 6, 623-626.	0.4	0
100	Characterization of titanium dioxide nanoparticles imprinted for tyrosine by flow field-flow fractionation and spectrofluorimetric analysis. <i>Inorganica Chimica Acta</i> , 2007, 360, 1063-1071.	1.2	8
101	Synthesis of a new substituted zinc phthalocyanine as functional monomer in the preparation of MIPs. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 1061-1065.	0.4	9
102	New insights from X-ray photoelectron spectroscopy into the chemistry of covalent enzyme immobilization, with glutamate dehydrogenase (GDH) on silicon dioxide as an example. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 146-152.	1.9	31
103	Synthesis of a Molecularly Imprinted Polymer for Dioxin. <i>Sensors</i> , 2006, 6, 915-924.	2.1	7
104	X-ray photoelectron spectroscopy characterization of poly(2,3-diaminophenazine) films electrosynthesised on platinum. <i>Thin Solid Films</i> , 2005, 473, 104-113.	0.8	40
105	Heavy metal determination by biosensors based on enzyme immobilised by electropolymerisation. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1643-1647.	5.3	96
106	TRMC, XPS, and EPR Characterizations of Polycrystalline TiO_2 Porphyrin Impregnated Powders and Their Catalytic Activity for 4-Nitrophenol Photodegradation in Aqueous Suspension. <i>Journal of Physical Chemistry B</i> , 2005, 109, 12347-12352.	1.2	87
107	Ti and Fe Speciation by X-Ray Photoelectron Spectroscopy(XPS) and Mössbauer Spectroscopy for a Full Crystal Chemical Characterisation of Ti-Garnets from Colli Albani (Italy). <i>Annali Di Chimica</i> , 2004, 94, 185-196.	0.6	12
108	Piezoelectric sensor functionalised by a self-assembled bipyridinium derivative: characterisation and preliminary applications in the detection of heavy metal ions. <i>Biosensors and Bioelectronics</i> , 2004, 20, 1190-1195.	5.3	37

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109	DETECTION OF PHENOLS IN AQUEOUS MEDIA VIA QCM CHEMICAL SENSORS WITH LANGMUIR-BLODGETT ACTIVE LAYERS. , 2004, , .		1
110	Characterisation of Langmuir-Blodgett films of phthalocyanines employed as recognition layers in phenol QCM sensors. , 2003, , .		1
111	Development of a Flow Injection QCM system for Environmental Sensing and preliminary application to Determination of Phenols in Water. , 2003, , .		0
112	X-Ray photoelectron spectroscopy characterisation of Langmuir-Blodgett films containing TiO ₂ nanoparticles grown by room-temperature hydrolysis of TiO(C ₂ O ₄) ₂ ²⁻ . Thin Solid Films, 2002, 422, 112-119.	0.8	15
113	Spectroscopic investigation on polymer films obtained by oxidation of o-phenylenediamine on platinum electrodes at different pHs. Journal of Materials Chemistry, 2001, 11, 1812-1817.	6.7	77
114	Electrosynthesised thin polymer films: the role of XPS in the design of application oriented innovative materials. Journal of Electron Spectroscopy and Related Phenomena, 1999, 100, 35-53.	0.8	47
115	Characterization of an electro-synthesized methoxylated polypyrrole film used as permselective barrier in amperometric biosensors by X-ray photoelectron and Fourier transform infrared spectroscopy. Analytica Chimica Acta, 1999, 389, 197-204.	2.6	10
116	Molecularly Imprinted Electrosynthesized Polymers: A New Materials for Biomimetic Sensors. Analytical Chemistry, 1999, 71, 1366-1370.	3.2	335
117	Schottky diodes and field-effect transistors based on conjugated thiophenes. Materials Science and Engineering C, 1998, 5, 233-236.	3.8	16
118	Applicability of chemical derivatization - X-ray photoelectron spectroscopy (CD-XPS) to the characterization of complex matrices: case of electrosynthesized polypyrroles. Journal of Electron Spectroscopy and Related Phenomena, 1998, 97, 199-208.	0.8	21
119	Electrochemical immobilisation of enzymes on conducting organic salt electrodes: characterisation of an oxygen independent and interference-free glucose biosensor. Journal of Electroanalytical Chemistry, 1997, 435, 103-111.	1.9	29
120	Conducting polymer electrodes modified by metallic species for electrocatalytic purposes - spectroscopic and microscopic characterization. Materials Chemistry and Physics, 1996, 44, 17-24.	2.0	42
121	Intercomparison of algorithms for background correction in XPS. Surface and Interface Analysis, 1995, 23, 484-494.	0.8	21
122	New findings on polypyrrole chemical structure by XPS coupled to chemical derivatization labelling. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 629-634.	0.8	231
123	Electrochemical immobilization of enzymes on conducting organic salt electrodes: Preparation of an oxygen independent and interference-free glucose biosensor. Journal of Electroanalytical Chemistry, 1995, 381, 235-237.	1.9	13
124	Correlation between Permselectivity and Chemical Structure of Overoxidized Polypyrrole Membranes Used in Electroproduced Enzyme Biosensors. Analytical Chemistry, 1995, 67, 2207-2211.	3.2	147
125	XPS investigation of titanium in melanites from Monte Vulture (Italy). European Journal of Mineralogy, 1995, 7, 847-858.	0.4	19
126	Pristine and Overoxidized Polypyrrole by XPS. Surface Science Spectra, 1994, 3, 375-383.	0.3	4

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127	Permeation of solutes through an electropolymerized ultrathin poly-o-phenylenediamine film used as an enzyme-entrapping membrane. <i>Electroanalysis</i> , 1994, 6, 423-429.	1.5	66
128	Electroanalytical/X-ray photoelectron spectroscopy investigation on glucose oxidase adsorbed on platinum. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994, 90, 1495.	1.7	28
129	Amperometric Glucose Sensor Based on Glucose Oxidase Immobilized on Conducting Organic Salt Electrode by Poly(o-Phenylenediamine) Film. , 1994, , 14.		0
130	Development and electroanalytical investigation of a novel rectifying semiconductor/polymer interface. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 3183.	1.7	4
131	Rectifying behaviour of the polymer/semiconductor heterojunction: pbT(p-type) /TiO ₂ (n-type). <i>Surface Science</i> , 1992, 273, L409-L413.	0.8	7
132	Copper speciation by analytical electron spectroscopies: Case of the intercalation phase Cu _{0.5} V ₂ O ₅ ·0.5H ₂ O. <i>Surface and Interface Analysis</i> , 1992, 19, 513-518.	0.8	2
133	Interference-free glucose sensor based on glucose-oxidase immobilized in an overoxidized non-conducting polypyrrole film. <i>Fresenius' Journal of Analytical Chemistry</i> , 1992, 342, 729-733.	1.5	92
134	Quantification in surface analysis. <i>Microchemical Journal</i> , 1992, 46, 340-345.	2.3	0
135	Analytical characterization by X-ray photoelectron spectroscopy of quaternary chalcogenides for cathodes in lithium cells. <i>Journal of Materials Chemistry</i> , 1991, 1, 259.	6.7	4
136	Electrosynthesis and analytical characterization of films obtained by oxidation of 2,6-diaminopyridine. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 3515.	1.7	6
137	Electrochemical lithiation of Pb ₃ O ₄ . <i>Journal of Power Sources</i> , 1991, 34, 353-367.	4.0	19
138	X-ray photoelectron spectroscopy insight into the coordination modes of cyanate in copper(II) complexes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1991, 53, 213-224.	0.8	6
139	A multitechnique analytical characterisation of the isomerisation catalyst Ir ₄ (CO) ₁₂ on silica. <i>Materials Chemistry and Physics</i> , 1991, 29, 405-417.	2.0	0
140	Surface spectroscopic characterization of advanced polymer materials. <i>Mikrochimica Acta</i> , 1991, 104, 237-243.	2.5	1
141	Quantitative resolution of X-ray photoelectron spectra of mixtures of chromium compounds by the Kalman filter after cubic spline background removal. <i>Surface and Interface Analysis</i> , 1991, 17, 251-258.	0.8	2
142	The chemical and electrochemical lithiation of CuO: An analytical, electron microscopy investigation. <i>Solid State Ionics</i> , 1990, 39, 289-295.	1.3	14
143	Insight into the intercalation problem of the Li/CuO cell by analytical electron spectroscopies. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 3607.	1.7	6
144	Analytical X-ray photoelectron spectroscopic investigation of the modification of polybithiophene (pbT) under electrochemical cycling. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 3769.	1.7	17

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145	Glucose fast-response amperometric sensor based on glucose oxidase immobilized in an electropolymerized poly(o-phenylenediamine) film. <i>Analytical Chemistry</i> , 1990, 62, 2735-2740.	3.2	559
146	Nitrosoarene complexes of rhodium(III), iridium(III), copper(I) and mercury(II). Use of XPS in determining the mode of bonding to transition metals. <i>Journal of Organometallic Chemistry</i> , 1989, 378, 239-244.	0.8	12
147	A comparison of some asymmetrical line shapes for XPS data analysis. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1989, 49, 247-261.	0.8	31
148	Analytical characterization of electrode surface by X-ray photoelectron spectroscopy. PbO_2 -based cathode in voltage-compatible lithium cells. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 1685.	1.0	33
149	An x-ray photoelectron spectroscopic study of some chromium-oxygen systems. <i>Surface and Interface Analysis</i> , 1988, 13, 173-179.	0.8	193
150	Photoelectrochemical behaviour and XPS characterization of a (Ti,Al,V) O_2 film obtained by non-conventional anodic oxidation of a commercial Ti-Al-V alloy. <i>International Journal of Hydrogen Energy</i> , 1987, 12, 219-225.	3.8	13
151	Surface characterization of anodic titanium dioxide films for photoelectrochemical solar cells. <i>Solar Energy Materials and Solar Cells</i> , 1986, 13, 25-35.	0.4	13
152	Lead oxides as cathode materials for voltage-compatible lithium cells. <i>Journal of Power Sources</i> , 1986, 18, 63-74.	4.0	11
153	3. Insights from XPS on nanosized inorganic materials. , 0, , .		1
154	An insight into polyscopoletin electrosynthesis by a quality-by-design approach. <i>Journal of Materials Science</i> , 0, , .	1.7	1