Mohamed M Chehimi

List of Publications by Year
in descending order

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270 papers	10,629 citations	30070 54 h-index	56724 83 g-index
330 all docs	330 docs citations	330 times ranked	10760 citing authors

#	Article	IF	Citations
1	Immobilization of Goldâ€“Aryl Nanoparticles Over Graphene Oxide Platforms: Experimental and Molecular Dynamics Calculations Study. Journal of Cluster Science, 2023, 34, 577-586.	3.3	1
2	Dimethoxytriazine-Triazole Linked Mesoporous Silica Hybrid Sorbent for Cationic Dyes Adsorption. Chemistry Africa, 2023, 6, 191-203.	2.4	4
3	Mechanochemical synthesis of gold-silver nanocomposites via diazonium salts. Inorganic Chemistry Communication, 2022, 137, 109231.	3.9	0
4	Citric-Acid-Assisted Preparation of Biochar Loaded with Copper/Nickel Bimetallic Nanoparticles for Dye Degradation. Colloids and Interfaces, 2022, 6, 18.	2.1	12
5	Properties of silver nanoparticle-polypyrrole composite film grown on cellulosic paper. Cellulose, 2022, 29, 4579.	4.9	6
6	Nanostructured Na2CaP2O7: A New and Efficient Catalyst for One-Pot Synthesis of 2-Amino-3-Cyanopyridine Derivatives and Evaluation of Their Antibacterial Activity. Applied Sciences (Switzerland), 2022, 12, 5487.	2.5	8
7	Facile diazonium modification of pomegranate peel biochar: a stupendous derived relationship between thermal and Raman analyses. Carbon Letters, 2022, 32, 1519-1529.	5.9	5
8	Advances in conducting polymer nanocomposite based chemical sensors: An overview. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 284, 115856.	3.5	13
9	Spontaneous redox route for goldâ€aryl film development of latent fingerprints on nickel coins. Surface and Interface Analysis, 2021, 53, 543-549.	1.8	4
10	Organometallic gold nanoparticles and thin films from cis- and trans-tetrazonium gold(III) salts for electrochemical and photothermal mirror properties. Journal of Organometallic Chemistry, 2021, 935, 121681.	1.8	2
11	Data on the fabrication of hybrid calix [4]arene-modified natural bentonite clay for efficient selective removal of toxic metals from wastewater at room temperature. Data in Brief, 2021, 35, 106799.	1.0	2
12	â€œPainted CNTâ€@Au nanoparticles: a nanohybrid electrocatalyst of direct methanol oxidation. Emergent Materials, 2021, 4, 515-524.	5.7	5
13	Arylated gold nanoparticles have no effect on the adipogenic differentiation of MG-63 cells nor regulate any key signaling pathway during the differentiation. BMC Research Notes, 2021, 14, 192.	1.4	4
14	Exceptionally redox-active precursors in the synthesis of gold core-tin oxide shell nanostructures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126266.	4.7	7
15	Towards Clean and Safe Water: A Review on the Emerging Role of Imprinted Polymer-Based Electrochemical Sensors. Sensors, 2021, 21, 4300.	3.8	19
16	Conceptual Developments of Aryldiazonium Salts as Modifiers for Gold Colloids and Surfaces. Langmuir, 2021, 37, 8897-8907.	3.5	17
17	Editorial to the Special Issue SELSA: â€œSensors for Environmental and Life Science Applicationsâ€• Sensors, 2021, 21, 5353.	3.8	0
18	Copper/Nickel-Decorated Olive Pit Biochar: One Pot Solid State Synthesis for Environmental Remediation. Applied Sciences (Switzerland), 2021, 11, 8513.	2.5	15

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19	Flexible, Biocompatible PET Sheets: A Platform for Attachment, Proliferation and Differentiation of Eukaryotic Cells. Surfaces, 2021, 4, 306-322.	2.3	2
20	Ultrasonic effect on the photocatalytic degradation of Rhodamine 6G (Rh6G) dye by cotton fabrics loaded with TiO2. Cellulose, 2020, 27, 1085-1097.	4.9	30
21	Development of Latent Fingerprints via Aryldiazonium Tetrachloroaurate Salts on Copper Surfaces: An XPS Study. Langmuir, 2020, 36, 74-83.	3.5	19
22	Inhibition of amyloid fibrillation, enzymatic degradation and cytotoxicity of insulin at carboxyl tailored gold-aryl nanoparticles surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124279.	4.7	12
23	High Performance Zinc Oxide Nanorod-Doped Ion Imprinted Polypyrrole for the Selective Electrosensing of Mercury II Ions. Applied Sciences (Switzerland), 2020, 10, 7010.	2.5	18
24	Calix[4]arene-clicked clay through thiol-yne addition for the molecular recognition and removal of Cd(II) from wastewater. Separation and Purification Technology, 2020, 251, 117383.	7.9	22
25	Polyaniline coated gold-aryl nanoparticles: Electrochemical synthesis and efficiency in methylene blue dye removal. Synthetic Metals, 2020, 269, 116528.	3.9	23
26	Different Electrochemical Sensor Designs Based on Diazonium Salts and Gold Nanoparticles for Pico Molar Detection of Metals. Molecules, 2020, 25, 3903.	3.8	17
27	Protein-Coated Aryl Modified Gold Nanoparticles for Cellular Uptake Study by Osteosarcoma Cancer Cells. Langmuir, 2020, 36, 11765-11775.	3.5	26
28	Polypyrrole: a reactive and functional conductive polymer for the selective electrochemical detection of heavy metals in water. Emergent Materials, 2020, 3, 815-839.	5.7	28
29	The Molecular and Macromolecular Level of Carbon Nanotube Modification Via Diazonium Chemistry: Emphasis on the 2010sÂYears. Chemistry Africa, 2020, 3, 535-569.	2.4	30
30	Rational synthesis, characterization, and application of environmentally friendly (polymerâ€“carbon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Sciences Europe, 2020, 32, .	5.5	59
31	Rheological Properties of Covalent Adaptable Networks with 1,2,3-Triazolium Cross-Links: The Missing Link between Vitrimers and Dissociative Networks. Macromolecules, 2020, 53, 1884-1900.	4.8	131
32	Mixed oxide-polyaniline composite-coated woven cotton fabrics for the visible light catalyzed degradation of hazardous organic pollutants. Cellulose, 2020, 27, 7823-7846.	4.9	18
33	Can Plasmon Change Reaction Path? Decomposition of Unsymmetrical Iodonium Salts as an Organic Probe. Journal of Physical Chemistry Letters, 2020, 11, 5770-5776.	4.6	27
34	Polypyrrole-Wrapped Carbon Nanotube Composite Films Coated on Diazonium-Modified Flexible ITO Sheets for the Electroanalysis of Heavy Metal Ions. Sensors, 2020, 20, 580.	3.8	34
35	Beyond graphene oxide: laser engineering functionalized graphene for flexible electronics. Materials Horizons, 2020, 7, 1030-1041.	12.2	32
36	Polyaniline-Grafted RuO2-TiO2 Heterostructure for the Catalysed Degradation of Methyl Orange in Darkness. Catalysts, 2019, 9, 578.	3.5	35

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37	Bimetallic Cuâ€“Rh Nanoparticles on Diazonium-Modified Carbon Powders for the Electrocatalytic Reduction of Nitrates. Langmuir, 2019, 35, 14428-14436.	3.5	17
38	Novel Enzyme-Free Multifunctional Bentonite/Polypyrrole/Silver Nanocomposite Sensor for Hydrogen Peroxide Detection over a Wide pH Range. Sensors, 2019, 19, 4442.	3.8	9
39	Surface Plasmon-Polariton: A Novel Way To Initiate Azideâ€“Alkyne Cycloaddition. Langmuir, 2019, 35, 2023-2032.	3.5	29
40	Preparation of Selective and Reproducible SERS Sensors of Hg2+ Ions via a Sunlight-Induced Thiolâ€“Yne Reaction on Gold Gratings. Sensors, 2019, 19, 2110.	3.8	22
41	A novel fluorescent sensor based on electrosynthesized benzene sulfonic acidâ€doped polypyrrole for determination of Pb(II) and Cu(II). Luminescence, 2019, 34, 489-499.	2.9	17
42	Goldâ€Aryl nanoparticles coated with polyelectrolytes for adsorption and protection of DNA against nuclease degradation. Applied Organometallic Chemistry, 2019, 33, e4803.	3.5	14
43	Highly Selective Copper Ion Imprinted Clay/Polymer Nanocomposites Prepared by Visible Light Initiated Radical Photopolymerization. Polymers, 2019, 11, 286.	4.5	26
44	Paper strips coated with polypyrrole-wrapped carbon nanotube composites for chemi-resistive gas sensing. Synthetic Metals, 2019, 258, 116223.	3.9	32
45	Synthesis of water-soluble goldâ€“aryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. Catalysis Science and Technology, 2019, 9, 6059-6071.	4.1	29
46	Mechanically robust and thermally stable abrasive tools from phenolic resins reinforced with diazoniumâ€modified zeolites. Polymer Composites, 2019, 40, 3209-3219.	4.6	9
47	Diazonium-modified TiO2/polyaniline core/shell nanoparticles. Structural characterization, interfacial aspects and photocatalytic performances. Applied Surface Science, 2019, 465, 1078-1095.	6.1	27
48	Highly Selective Molecularly Imprinted Sol-gel Membrane Grafted to Gold for the Detection of Melamine. Silicon, 2019, 11, 2267-2274.	3.3	11
49	Cotton fibres functionalized with plasmonic nanoparticles to promote the destruction of harmful molecules: an overview. Nanotechnology Reviews, 2019, 8, 671-680.	5.8	9
50	Highly Ammonia Sensing Using Direct In Situ Electro-Deposited Polypyrrole-Dodecylbenzene Sulfonic Acid Film on ITO Coated Flexible Substrates. Macromolecular Research, 2018, 26, 511-520.	2.4	14
51	Bentonite-decorated calix [4] arene: A new, promising hybrid material for heavy-metal removal. Applied Clay Science, 2018, 161, 15-22.	5.2	26
52	In situ chemical deposition of PPy/NDSA and PPy/DBSA layers on QCM electrodes: synthesis, structural, morphological and ammonia sensing performances study. Journal of Polymer Research, 2018, 25, 1.	2.4	21
53	Sonochemical synthesis of FeO@NH-mesoporous silica@Polypyrrole/Pd: A core/double shell nanocomposite for catalytic applications. Ultrasonics Sonochemistry, 2018, 41, 551-561.	8.2	59
54	Flexible paper@carbon nanotube@polypyrrole composites: The combined pivotal roles of diazonium chemistry and sonochemical polymerization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 350-360.	4.7	12

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55	Synthesis and Structural Characterization of G-SBA-IDA, G-SBA-EDTA and G-SBA-DTPA Modified Mesoporous SBA-15 Silica and Their Application for Removal of Toxic Metal Ions Pollutants. Silicon, 2018, 10, 981-993.	3.3	9
56	Nitinol Modified by In Situ Generated Diazonium Salts as Adhesion Promoters for Photopolymerized Pyrrole. ChemistrySelect, 2018, 3, 11800-11808.	1.5	1
57	Zinc Oxide Nanorods Wrapped with Ion-Imprinted Polypyrrole Polymer for Picomolar Selective and Electrochemical Detection of Mercury II Ions. Proceedings (mdpi), 2018, 2, .	0.2	7
58	Gold-carbon nanoparticles mediated delivery of BSA: Remarkable robustness and hemocompatibility. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 558, 351-358.	4.7	25
59	Synthesis of gold organometallics at the nanoscale. Journal of Organometallic Chemistry, 2018, 877, 1-11.	1.8	21
60	Anti-corrosive and oil sensitive coatings based on epoxy/polyaniline/magnetite-clay composites through diazonium interfacial chemistry. Scientific Reports, 2018, 8, 13369.	3.3	37
61	Emerging clay-aryl-gold nanohybrids for efficient electrocatalytic proton reduction. Energy Conversion and Management, 2018, 168, 170-177.	9.2	19
62	Diazonium chemistry for making highly selective and sensitive CNT-Neutral Red hybrid-based chemiresistive acetone sensors. Vacuum, 2018, 155, 656-661.	3.5	11
63	Chitosan-Ag-TiO2 films: An effective photocatalyst under visible light. Carbohydrate Polymers, 2018, 199, 31-40.	10.2	57
64	The efficacy of surfactants in stabilizing coating of nano-structured CuO particles onto the surface of cotton fibers and their antimicrobial activity. Materials Chemistry and Physics, 2018, 215, 221-228.	4.0	49
65	Tracking metal ions with polypyrrole thin films adhesively bonded to diazonium-modified flexible ITO electrodes. Environmental Science and Pollution Research, 2018, 25, 20012-20022.	5.3	20
66	Diazonium Salts: Versatile Molecular Glues for Sticking Conductive Polymers to Flexible Electrodes. Surfaces, 2018, 1, 43-58.	2.3	25
67	Synthesis, characterization, and metal uptake of multiple functionalized immobilized-polysiloxane diamine-thiol chelating ligand derivatives. Journal of the Iranian Chemical Society, 2018, 15, 2325-2338.	2.2	8
68	Diazonium-modified zeolite fillers. Effect of diazonium substituent position on the filler surface modification and the mechanical properties of phenolic/zeolite composites. International Journal of Adhesion and Adhesives, 2018, 85, 157-164.	2.9	17
69	Dye diazonium-modified multiwalled carbon nanotubes: Light harvesters for elastomeric optothermal actuators. Vacuum, 2018, 155, 178-184.	3.5	8
70	Template Synthesis of Iminodiacetic Acid Polysiloxane Immobilized Ligand Systems and their Metal Uptake Capacity. Silicon, 2017, 9, 563-575.	3.3	4
71	Tuning of PEDOT:PSS Properties Through Covalent Surface Modification. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 378-387.	2.1	19
72	Diazonium-based ion-imprinted polymer/clay nanocomposite for the selective extraction of lead (II) ions in aqueous media. European Polymer Journal, 2017, 89, 367-380.	5.4	47

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73	The role of diazonium interface chemistry in the design of high performance polypyrrole-coated flexible ITO sensing electrodes. Electrochemistry Communications, 2017, 77, 14-18.	4.7	28
74	Efficient Covalent Modification of Multiwalled Carbon Nanotubes with Diazotized Dyes in Water at Room Temperature. Langmuir, 2017, 33, 6677-6690.	3.5	28
75	Triazole/Triazine-Functionalized Mesoporous Silica As a Hybrid Material Support for Palladium Nanocatalyst. Langmuir, 2017, 33, 7137-7146.	3.5	25
76	Aryl diazonium-modified olive waste: A low cost support for the immobilization of nanocatalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 541-549.	4.7	14
77	Stabilization of nano-structured ZnO particles onto the surface of cotton fibers using different surfactants and their antimicrobial activity. Ultrasonics Sonochemistry, 2017, 38, 478-487.	8.2	51
78	Polypyrrole/Ag/mesoporous silica nanocomposite particles: Design by photopolymerization in aqueous medium and antibacterial activity. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 1022-1030.	5.3	25
79	Facile functionalization of cotton with nanostructured silver/titania for visible-light plasmonic photocatalysis. Journal of Colloid and Interface Science, 2017, 507, 83-94.	9.4	37
80	X-ray induced degradation of surface bound azido groups during XPS analysis. Surface and Interface Analysis, 2017, 49, 340-344.	1.8	18
81	Highly Selective Polypyrrole MIP-Based Gravimetric and Electrochemical Sensors for Picomolar Detection of Glyphosate. Sensors, 2017, 17, 2586.	3.8	52
82	Clay/Conductive Polymer Nanocomposites. , 2017, , 199-237.		9
83	Surface Analysis of Clayâ€“Polymer Nanocomposites. , 2017, , 363-411.		4
84	Modification of Nanodiamonds with Gold Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 4063-4068.	0.9	2
85	Adsorption and covalent binding of fibrinogen as a method for probing the chemical composition of poly(styrene/Î±-tert-butoxy-Ï‰-vinylbenzyl-polyglycidol) microsphere surfaces. Colloids and Surfaces B: Biointerfaces, 2017, 160, 438-445.	5.0	6
86	Reactive and functional clay through UVâ€triggered thiolâ€ene interfacial click reaction. Surface and Interface Analysis, 2016, 48, 532-537.	1.8	11
87	Molecularly imprinted PVC beads for the recognition of proteins. Journal of Applied Polymer Science, 2016, 133, .	2.6	7
88	Polyanilineâ€Wrapped ZnO Nanorod Composite Films on Diazoniumâ€Modified Flexible Plastic Substrates. Macromolecular Chemistry and Physics, 2016, 217, 1136-1148.	2.2	8
89	Diazonium interface chemistry and click polymerization: A novel route for carbon nanotubeâ€polytriazole nanocomposites. Surface and Interface Analysis, 2016, 48, 509-513.	1.8	19
90	Synthesis and characterization of immobilized-polysiloxane monoamine-thiol triacetic acid and its diamine and triamine derivatives. Journal of Sol-Gel Science and Technology, 2016, 78, 660-672.	2.4	6

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91	Diazonium salts for surface-confined visible light radical photopolymerization. Journal of Polymer Science Part A, 2016, 54, 3506-3515.	2.3	15
92	Diazonium salt-based photoiniferter as a new efficient pathway to clayâ€“polymer nanocomposites. RSC Advances, 2016, 6, 88126-88134.	3.6	27
93	Reactive Diazonium-Modified Silica Fillers for High-Performance Polymers. Langmuir, 2016, 32, 11646-11654.	3.5	26
94	Size-Controlled 3D Colloidal Crystals Formed in an Aqueous Suspension of Polystyrene/Polyglycidol Microspheres with Covalently Bound <scp>l</scp>-DOPA. Langmuir, 2016, 32, 12848-12855.	3.5	1
95	Ligand-modified mesoporous silica SBA-15/silver hybrids for the catalyzed reduction of methylene blue. RSC Advances, 2016, 6, 57672-57682.	3.6	32
96	Mesoporous silica/polyacrylamide composite: Preparation by UV-graft photopolymerization, characterization and use as Hg(II) adsorbent. Applied Surface Science, 2016, 367, 181-189.	6.1	57
97	Clay/Polyaniline Hybrid through Diazonium Chemistry: Conductive Nanofiller with Unusual Effects on Interfacial Properties of Epoxy Nanocomposites. Langmuir, 2016, 32, 3514-3524.	3.5	57
98	Surface Techniques. , 2015, , 191-204.		0
99	Electrode Surface Modification Using Diazonium Salts. Electroanalytical Chemistry, A Series of Advances, 2015, , 115-224.	1.7	23
100	Polymer/silver hybrid thin films for anti-pathogenic bacterial applications. Surface Innovations, 2015, 3, 103-114.	2.3	8
101	Gradient Poly(styrene-co-polyglycidol) Grafts via Silicon Surface-Initiated AGET ATRP. Langmuir, 2015, 31, 4853-4861.	3.5	8
102	Efficient photoinduced In situ preparation of clay/poly(glycidyl methacrylate) nanocomposites using hydrogenâ€donor silane. Journal of Polymer Science Part A, 2015, 53, 800-808.	2.3	20
103	Functionalization of nanomaterials with aryldiazonium salts. Advances in Colloid and Interface Science, 2015, 225, 16-36.	14.7	139
104	Flexible organic semiconductor thin films. Journal of Materials Chemistry C, 2015, 3, 8468-8479.	5.5	51
105	One-step generated poly(3-methylthiophene)/CdSe nanocomposite thin films: redox, impedance and enhanced photoelectrochemical properties. Ionics, 2015, 21, 2031-2037.	2.4	5
106	Nanocomposites of Gold Nanoparticles@Molecularly Imprinted Polymers: Chemistry, Processing, and Applications in Sensors. Chemistry of Materials, 2015, 27, 5464-5478.	6.7	161
107	Picomolar Detection of Melamine Using Molecularly Imprinted Polymerâ€Based Electrochemical Sensors Prepared by UVâ€Graft Photopolymerization. Electroanalysis, 2015, 27, 429-439.	2.9	16
108	Silanized Aryl Layers through Thiol-yne Photo-click Reaction. Langmuir, 2015, 31, 10717-10724.	3.5	18

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109	Gold-decorated polymeric monoliths: In-situ vs ex-situ immobilization strategies and flow through catalytic applications towards nitrophenols reduction. Polymer, 2015, 77, 218-226.	3.8	47
110	Standardization and validation of a protocol of zeta potential measurements by electrophoretic light scattering for nanomaterial characterization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 486, 218-231.	4.7	38
111	Poly(glycidyl methacrylate)-grafted clay nanofiller for highly transparent and mechanically robust epoxy composites. European Polymer Journal, 2015, 72, 89-101.	5.4	38
112	Room temperature detection of H2S by flexible goldâ€“cobalt phthalocyanine heterojunction thin films. Sensors and Actuators B: Chemical, 2015, 206, 653-662.	7.8	59
113	Impact of long-term starvation on adhesion to and biofilm formation on stainless steel 316ÂL and gold surfaces of Salmonella enterica serovar Typhimurium. Annals of Microbiology, 2015, 65, 399-409.	2.6	9
114	Toward a standardization of physico-chemical protocols for nanomedicine characterization: II. Zeta potential measurements. , 2015, , .		2
115	Exfoliated clay/polyaniline nanocomposites through tandem diazonium cation exchange reactions and in situ oxidative polymerization of aniline. RSC Advances, 2014, 4, 65213-65222.	3.6	30
116	Engineering the surface chemistry of porous polymers by click chemistry and evaluating the interface properties by Raman spectroscopy and electrochromatography. Surface and Interface Analysis, 2014, 46, 1009-1013.	1.8	9
117	Ultrasensitive and Selective Detection of Dopamine Using Cobalt-Phthalocyanine Nanopillar-Based Surface Acoustic Wave Sensor. ACS Applied Materials & Interfaces, 2014, 6, 22378-22386.	8.0	30
118	The synergy of ultrasonic treatment and organic modifiers for tuning the surface chemistry and conductivity of multiwalled carbon nanotubes. Surface and Interface Analysis, 2014, 46, 940-944.	1.8	6
119	Surface and interface physicochemical aspects of intercalated organo-bentonite. International Journal of Adhesion and Adhesives, 2014, 50, 204-210.	2.9	43
120	Mechanism of particle formation in radical emulsion copolymerization of styrene with Î±-tert-butoxy-Ï‰-vinylbenzyl-polyglycidol macromonomer. Polymer, 2014, 55, 788-797.	3.8	6
121	Molecularly imprinted polymeric sensings layers grafted from aryl diazoniumâ€modified surfaces for electroanalytical applications. A mini review. Surface and Interface Analysis, 2014, 46, 1014-1020.	1.8	14
122	Surface modification of polymers by reduction of diazonium salts: polymethylmethacrylate as an example. Journal of Materials Chemistry C, 2014, 2, 356-363.	5.5	59
123	Carbon nanotubeâ€“poly(methyl methacrylate) hybrid films: Preparation using diazonium salt chemistry and mechanical properties. Journal of Colloid and Interface Science, 2014, 433, 115-122.	9.4	21
124	Electrochemical impedimetric sensor based on molecularly imprinted polymers/solâ€“gel chemistry for methidathion organophosphorous insecticide recognition. Talanta, 2014, 130, 294-298.	5.5	66
125	Quartz crystal microbalance VOCs sensor based on dip coated polyaniline emeraldine salt thin films. Sensors and Actuators B: Chemical, 2014, 203, 647-654.	7.8	45
126	In Situ Diazonium-Modified Flexible ITO-Coated PEN Substrates for the Deposition of Adherent Silverâ€“Polypyrrole Nanocomposite Films. Langmuir, 2014, 30, 9397-9406.	3.5	28

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127	Core/shell, protuberance-free multiwalled carbon nanotube/polyaniline nanocomposites via interfacial chemistry of aryl diazonium salts. Journal of Colloid and Interface Science, 2014, 418, 185-192.	9.4	47
128	Flexible H2S sensor based on gold modified polycarbazole films. Sensors and Actuators B: Chemical, 2014, 200, 227-234.	7.8	78
129	H2S sensing using in situ photo-polymerized polyanilineâ€“silver nanocomposite films on flexible substrates. Organic Electronics, 2014, 15, 71-81.	2.6	102
130	Antibacterial Flexible Biaxially Oriented Polyethylene Terephthalate Sheets Through Sequential Diazonium and Hydrophilic Polymer Surface Chemistries. Journal of Colloid Science and Biotechnology, 2014, 3, 58-67.	0.2	5
131	One step synthesis of highly ordered free standing flexible polypyrrole-silver nanocomposite films at airâ€“water interface by photopolymerization. RSC Advances, 2013, 3, 13329.	3.6	56
132	Interactions of fully formulated epoxy with model cement hydrates. Journal of Adhesion Science and Technology, 2013, 27, 469-489.	2.6	14
133	Preparation of MIP grafts for quercetin by tandem aryl diazonium surface chemistry and photopolymerization. Mikrochimica Acta, 2013, 180, 1411-1419.	5.0	21
134	Polyamide grafted with polypyrrole: formation, properties, and stability. Chemical Papers, 2013, 67, .	2.2	14
135	Grafting polymerâ€“protein bioconjugate to boron-doped diamond using aryl diazonium coupling agents. Diamond and Related Materials, 2013, 40, 60-68.	3.9	17
136	Diazonium Cation-Exchanged Clay: An Efficient, Unfrequented Route for Making Clay/Polymer Nanocomposites. Langmuir, 2013, 29, 13323-13328.	3.5	44
137	Novel, ternary clay/polypyrrole/silver hybrid materials through in situ photopolymerization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 439, 193-199.	4.7	36
138	Electrochemical investigation of free-standing polypyrroleâ€“silver nanocomposite films: a substrate free electrode material for supercapacitors. RSC Advances, 2013, 3, 24567.	3.6	55
139	Sensitized Photografting of Diazonium Salts by Visible Light.. Chemistry of Materials, 2013, 25, 90-97.	6.7	61
140	Nanoparticles @ interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 439, 1-2.	4.7	1
141	One-step UV-induced modification of cellulose fabrics by polypyrrole/silver nanocomposite films. Journal of Colloid and Interface Science, 2013, 393, 130-137.	9.4	49
142	Photo-induced synthesis of polypyrrole-silver nanocomposite films on N-(3-trimethoxysilylpropyl)pyrrole-modified biaxially oriented polyethylene terephthalate flexible substrates. RSC Advances, 2013, 3, 5506.	3.6	76
143	Polymer-immobilized nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 439, 43-68.	4.7	84
144	Melamine-imprinted polymer grafts through surface photopolymerization initiated by aryl layers from diazonium salts. Food Control, 2013, 31, 379-386.	5.5	29

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145	Plasma Deposition and Characterization of Copper-doped Cobalt Oxide Nanocatalysts. Medziagotyra, 2013, 19, .	0.2	3
146	Multiwalled Carbon Nanotube-Clicked Poly(4-vinyl pyridine) as a Hairy Platform for the Immobilization of Gold Nanoparticles. Journal of Colloid Science and Biotechnology, 2013, 2, 53-61.	0.2	12
147	Polypyrrole/Ag Nanocomposite Films on Diazonium Salt Modified Indium Tin Oxide Substrate. Journal of Colloid Science and Biotechnology, 2013, 2, 200-210.	0.2	7
148	Flexible cobalt-phthalocyanine thin films with high charge carrier mobility. Applied Physics Letters, 2012, 101, .	3.3	11
149	Synthesis of Polysiloxane-Immobilized Monoamine, Diamine, and Triamine Ligand Systems in the Presence of CTAB and Their Applications. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 392-402.	1.6	3
150	Mechanical properties of carbon nanotubeâ€“PMMA based hybrid coatings: the importance of surface chemistry. RSC Advances, 2012, 2, 2462.	3.6	23
151	Inverse Opals of Molecularly Imprinted Hydrogels for the Detection of Bisphenol A and pH Sensing. Langmuir, 2012, 28, 1005-1012.	3.5	91
152	Ultrathin organic, inorganic, hybrid, and living cell coatings â€” Topical Issue. Chemical Papers, 2012, 66, .	2.2	0
153	Molecularly imprinted polypyrrole films: Some key parameters for electrochemical picomolar detection of dopamine. Journal of Electroanalytical Chemistry, 2012, 685, 21-27.	3.8	52
154	Site-specific immobilisation of gold nanoparticles on a porous monolith surface by using a thiolâ€“yne click photopatterning approach. Chemical Communications, 2012, 48, 7486.	4.1	67
155	Diazonium Salt-Derived 4-(Dimethylamino)phenyl Groups as Hydrogen Donors in Surface-Confined Radical Photopolymerization for Bioactive Poly(2-hydroxyethyl methacrylate) Grafts. Langmuir, 2012, 28, 8035-8045.	3.5	44
156	Aryl diazonium salt surface chemistry and graft photopolymerization for the preparation of molecularly imprinted polymer biomimetic sensor layers. Electrochimica Acta, 2012, 73, 45-52.	5.2	36
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