

Mohamed M Chehimi

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

281
papers

9,003
citations

49
h-index

77
g-index

330
ext. papers

9,763
ext. citations

4.7
avg, IF

6.12
L-index

#	Paper	IF	Citations
281	Mechanochemical synthesis of gold-silver nanocomposites via diazonium salts. <i>Inorganic Chemistry Communication</i> , 2022 , 137, 109231	3.1	
280	Citric-Acid-Assisted Preparation of Biochar Loaded with Copper/Nickel Bimetallic Nanoparticles for Dye Degradation. <i>Colloids and Interfaces</i> , 2022 , 6, 18	3	0
279	Properties of silver nanoparticle-polypyrrole composite film grown on cellulosic paper. <i>Cellulose</i> , 2022 , 29, 4579	5.5	1
278	Nanostructured Na ₂ CaP ₂ O ₇ : A New and Efficient Catalyst for One-Pot Synthesis of 2-Amino-3-Cyanopyridine Derivatives and Evaluation of Their Antibacterial Activity. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5487	2.6	0
277	Reinforced Polymers: The Emerging Role of Diazonium Modification of Fillers. <i>Physical Chemistry in Action</i> , 2022 , 379-404		
276	Polymer Surface Science and Adhesion Using Diazonium Chemistry. <i>Physical Chemistry in Action</i> , 2022 , 317-343		
275	On the Use of Diazonium Salts in the Design of Catalytic Hybrid Materials and Coatings. <i>Physical Chemistry in Action</i> , 2022 , 287-308		1
274	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. <i>Data in Brief</i> , 2021 , 35, 106799 ^{1,2}		2
273	Bainted CNT@Au nanoparticles: a nanohybrid electrocatalyst of direct methanol oxidation. <i>Emergent Materials</i> , 2021 , 4, 515-524	3.5	1
272	Arylated gold nanoparticles have no effect on the adipogenic differentiation of MG-63 cells nor regulate any key signaling pathway during the differentiation. <i>BMC Research Notes</i> , 2021 , 14, 192	2.3	1
271	Exceptionally redox-active precursors in the synthesis of gold core-tin oxide shell nanostructures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 616, 126266	5.1	4
270	Towards Clean and Safe Water: A Review on the Emerging Role of Imprinted Polymer-Based Electrochemical Sensors. <i>Sensors</i> , 2021 , 21,	3.8	4
269	Spontaneous redox route for gold-aryl film development of latent fingerprints on nickel coins. <i>Surface and Interface Analysis</i> , 2021 , 53, 543-549	1.5	2
268	Organometallic gold nanoparticles and thin films from cis- and trans-tetrazonium gold(III) salts for electrochemical and photothermal mirror properties. <i>Journal of Organometallic Chemistry</i> , 2021 , 935, 121681	2.3	2
267	Conceptual Developments of Aryldiazonium Salts as Modifiers for Gold Colloids and Surfaces. <i>Langmuir</i> , 2021 , 37, 8897-8907	4	10
266	Copper/Nickel-Decorated Olive Pit Biochar: One Pot Solid State Synthesis for Environmental Remediation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8513	2.6	2
265	Flexible, Biocompatible PET Sheets: A Platform for Attachment, Proliferation and Differentiation of Eukaryotic Cells. <i>Surfaces</i> , 2021 , 4, 306-322	2.9	1

264	The Molecular and Macromolecular Level of Carbon Nanotube Modification Via Diazonium Chemistry: Emphasis on the 2010s Years. <i>Chemistry Africa</i> , 2020 , 3, 535-569	2.2	21
263	Rational synthesis, characterization, and application of environmentally friendly (polymer-carbon dot) hybrid composite film for fast and efficient UV-assisted Cd ²⁺ removal from water. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	36
262	Rheological Properties of Covalent Adaptable Networks with 1,2,3-Triazolium Cross-Links: The Missing Link between Vitrimers and Dissociative Networks. <i>Macromolecules</i> , 2020 , 53, 1884-1900	5.5	67
261	Mixed oxide-polyaniline composite-coated woven cotton fabrics for the visible light catalyzed degradation of hazardous organic pollutants. <i>Cellulose</i> , 2020 , 27, 7823-7846	5.5	10
260	Can Plasmon Change Reaction Path? Decomposition of Unsymmetrical Iodonium Salts as an Organic Probe. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 5770-5776	6.4	20
259	Polypyrrole-Wrapped Carbon Nanotube Composite Films Coated on Diazonium-Modified Flexible ITO Sheets for the Electroanalysis of Heavy Metal Ions. <i>Sensors</i> , 2020 , 20,	3.8	23
258	Beyond graphene oxide: laser engineering functionalized graphene for flexible electronics. <i>Materials Horizons</i> , 2020 , 7, 1030-1041	14.4	18
257	Ultrasonic effect on the photocatalytic degradation of Rhodamine 6G (Rh6G) dye by cotton fabrics loaded with TiO ₂ . <i>Cellulose</i> , 2020 , 27, 1085-1097	5.5	15
256	Development of Latent Fingerprints via Aryldiazonium Tetrachloroaurate Salts on Copper Surfaces: An XPS Study. <i>Langmuir</i> , 2020 , 36, 74-83	4	11
255	Inhibition of amyloid fibrillation, enzymatic degradation and cytotoxicity of insulin at carboxyl tailored gold-aryl nanoparticles surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124279	5.1	8
254	High Performance Zinc Oxide Nanorod-Doped Ion Imprinted Polypyrrole for the Selective Electroensing of Mercury II Ions. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7010	2.6	7
253	Calix[4]arene-clicked clay through thiol-yne addition for the molecular recognition and removal of Cd(II) from wastewater. <i>Separation and Purification Technology</i> , 2020 , 251, 117383	8.3	13
252	Polyaniline coated gold-aryl nanoparticles: Electrochemical synthesis and efficiency in methylene blue dye removal. <i>Synthetic Metals</i> , 2020 , 269, 116528	3.6	16
251	Different Electrochemical Sensor Designs Based on Diazonium Salts and Gold Nanoparticles for Pico Molar Detection of Metals. <i>Molecules</i> , 2020 , 25,	4.8	10
250	Protein-Coated Aryl Modified Gold Nanoparticles for Cellular Uptake Study by Osteosarcoma Cancer Cells. <i>Langmuir</i> , 2020 , 36, 11765-11775	4	11
249	Polypyrrole: a reactive and functional conductive polymer for the selective electrochemical detection of heavy metals in water. <i>Emergent Materials</i> , 2020 , 3, 815-839	3.5	7
248	Surface Plasmon-Polariton: A Novel Way To Initiate Azide-Alkyne Cycloaddition. <i>Langmuir</i> , 2019 , 35, 2023-2032	23	23
247	Preparation of Selective and Reproducible SERS Sensors of Hg Ions via a Sunlight-Induced Thiol-Yne Reaction on Gold Gratings. <i>Sensors</i> , 2019 , 19,	3.8	19

246	A novel fluorescent sensor based on electrosynthesized benzene sulfonic acid-doped polypyrrole for determination of Pb(II) and Cu(II). <i>Luminescence</i> , 2019 , 34, 489-499	2.5	11
245	Gold-Aryl nanoparticles coated with polyelectrolytes for adsorption and protection of DNA against nuclease degradation. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4803	3.1	8
244	Highly Selective Copper Ion Imprinted Clay/Polymer Nanocomposites Prepared by Visible Light Initiated Radical Photopolymerization. <i>Polymers</i> , 2019 , 11,	4.5	17
243	Polyaniline-Grafted RuO ₂ -TiO ₂ Heterostructure for the Catalysed Degradation of Methyl Orange in Darkness. <i>Catalysts</i> , 2019 , 9, 578	4	22
242	Bimetallic Cu-Rh Nanoparticles on Diazonium-Modified Carbon Powders for the Electrocatalytic Reduction of Nitrates. <i>Langmuir</i> , 2019 , 35, 14428-14436	4	11
241	Surface Modification of Polymeric Substrates with Photo- and Sonochemically Designed Macromolecular Grafts 2019 , 273-315		
240	Novel Enzyme-Free Multifunctional Bentonite/Polypyrrole/Silver Nanocomposite Sensor for Hydrogen Peroxide Detection over a Wide pH Range. <i>Sensors</i> , 2019 , 19,	3.8	6
239	Cotton fibres functionalized with plasmonic nanoparticles to promote the destruction of harmful molecules: an overview. <i>Nanotechnology Reviews</i> , 2019 , 8, 671-680	6.3	8
238	Paper strips coated with polypyrrole-wrapped carbon nanotube composites for chemi-resistive gas sensing. <i>Synthetic Metals</i> , 2019 , 258, 116223	3.6	20
237	Synthesis of water-soluble gold-aryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. <i>Catalysis Science and Technology</i> , 2019 , 9, 6059-6071	5.5	20
236	Mechanically robust and thermally stable abrasive tools from phenolic resins reinforced with diazonium-modified zeolites. <i>Polymer Composites</i> , 2019 , 40, 3209-3219	3	7
235	Diazonium-modified TiO ₂ /polyaniline core/shell nanoparticles. Structural characterization, interfacial aspects and photocatalytic performances. <i>Applied Surface Science</i> , 2019 , 465, 1078-1095	6.7	21
234	Highly Selective Molecularly Imprinted Sol-gel Membrane Grafted to Gold for the Detection of Melamine. <i>Silicon</i> , 2019 , 11, 2267-2274	2.4	8
233	Highly Ammonia Sensing Using Direct In Situ Electro-Deposited Polypyrrole-Dodecylbenzene Sulfonic Acid Film on ITO Coated Flexible Substrates. <i>Macromolecular Research</i> , 2018 , 26, 511-520	1.9	12
232	Bentonite-decorated calix [4] arene: A new, promising hybrid material for heavy-metal removal. <i>Applied Clay Science</i> , 2018 , 161, 15-22	5.2	21
231	In situ chemical deposition of PPy/NDSA and PPy/DBSA layers on QCM electrodes: synthesis, structural, morphological and ammonia sensing performances study. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	12
230	Sonochemical synthesis of FeO@NH-mesoporous silica@Polypyrrole/Pd: A core/double shell nanocomposite for catalytic applications. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 551-561	8.9	45
229	The efficacy of surfactants in stabilizing coating of nano-structured CuO particles onto the surface of cotton fibers and their antimicrobial activity. <i>Materials Chemistry and Physics</i> , 2018 , 215, 221-228	4.4	34

228	Tracking metal ions with polypyrrole thin films adhesively bonded to diazonium-modified flexible ITO electrodes. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20012-20022	5.1	9
227	Diazonium Salts: Versatile Molecular Glues for Sticking Conductive Polymers to Flexible Electrodes. <i>Surfaces</i> , 2018 , 1, 43-58	2.9	15
226	Synthesis, characterization, and metal uptake of multiple functionalized immobilized-polysiloxane diamine-thiol chelating ligand derivatives. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 2325-2338	2	3
225	Diazonium-modified zeolite fillers. Effect of diazonium substituent position on the filler surface modification and the mechanical properties of phenolic/zeolite composites. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 85, 157-164	3.4	15
224	Dye diazonium-modified multiwalled carbon nanotubes: Light harvesters for elastomeric optothermal actuators. <i>Vacuum</i> , 2018 , 155, 178-184	3.7	6
223	Flexible paper@carbon nanotube@polypyrrole composites: The combined pivotal roles of diazonium chemistry and sonochemical polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 538, 350-360	5.1	11
222	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. <i>Silicon</i> , 2018 , 10, 981-993	2.4	8
221	Nitinol Modified by In Situ Generated Diazonium Salts as Adhesion Promoters for Photopolymerized Pyrrole. <i>ChemistrySelect</i> , 2018 , 3, 11800-11808	1.8	1
220	Zinc Oxide Nanorods Wrapped with Ion-Imprinted Polypyrrole Polymer for Picomolar Selective and Electrochemical Detection of Mercury II Ions. <i>Proceedings (mdpi)</i> , 2018 , 2, 1004	0.3	5
219	Gold-carbon nanoparticles mediated delivery of BSA: Remarkable robustness and hemocompatibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 558, 351-358	5.1	19
218	Synthesis of gold organometallics at the nanoscale. <i>Journal of Organometallic Chemistry</i> , 2018 , 877, 1-11	2.3	19
217	Anti-corrosive and oil sensitive coatings based on epoxy/polyaniline/magnetite-clay composites through diazonium interfacial chemistry. <i>Scientific Reports</i> , 2018 , 8, 13369	4.9	27
216	Emerging clay-aryl-gold nanohybrids for efficient electrocatalytic proton reduction. <i>Energy Conversion and Management</i> , 2018 , 168, 170-177	10.6	14
215	Diazonium chemistry for making highly selective and sensitive CNT-Neutral Red hybrid-based chemiresistive acetone sensors. <i>Vacuum</i> , 2018 , 155, 656-661	3.7	9
214	Chitosan-Ag-TiO films: An effective photocatalyst under visible light. <i>Carbohydrate Polymers</i> , 2018 , 199, 31-40	10.3	44
213	Template Synthesis of Iminodiacetic Acid Polysiloxane Immobilized Ligand Systems and their Metal Uptake Capacity. <i>Silicon</i> , 2017 , 9, 563-575	2.4	4
212	Tuning of PEDOT:PSS Properties Through Covalent Surface Modification. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 378-387	2.6	16
211	Diazonium-based ion-imprinted polymer/clay nanocomposite for the selective extraction of lead (II) ions in aqueous media. <i>European Polymer Journal</i> , 2017 , 89, 367-380	5.2	36

210	The role of diazonium interface chemistry in the design of high performance polypyrrole-coated flexible ITO sensing electrodes. <i>Electrochemistry Communications</i> , 2017 , 77, 14-18	5.1	21
209	Efficient Covalent Modification of Multiwalled Carbon Nanotubes with Diazotized Dyes in Water at Room Temperature. <i>Langmuir</i> , 2017 , 33, 6677-6690	4	24
208	Triazole/Triazine-Functionalized Mesoporous Silica As a Hybrid Material Support for Palladium Nanocatalyst. <i>Langmuir</i> , 2017 , 33, 7137-7146	4	21
207	Aryl diazonium-modified olive waste: A low cost support for the immobilization of nanocatalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 529, 541-549	5.1	13
206	Stabilization of nano-structured ZnO particles onto the surface of cotton fibers using different surfactants and their antimicrobial activity. <i>Ultrasonics Sonochemistry</i> , 2017 , 38, 478-487	8.9	37
205	Polypyrrole/Ag/mesoporous silica nanocomposite particles: Design by photopolymerization in aqueous medium and antibacterial activity. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 80, 1022-1030	5.3	18
204	Modification of Nanodiamonds with Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 4063-4068	1.3	2
203	Facile functionalization of cotton with nanostructured silver/titania for visible-light plasmonic photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2017 , 507, 83-94	9.3	31
202	Overview: Clay Preparation, Properties, Modification 2017 , 1-28		11
201	X-ray induced degradation of surface bound azido groups during XPS analysis. <i>Surface and Interface Analysis</i> , 2017 , 49, 340-344	1.5	13
200	Highly Selective Polypyrrole MIP-Based Gravimetric and Electrochemical Sensors for Picomolar Detection of Glyphosate. <i>Sensors</i> , 2017 , 17,	3.8	34
199	Clay/Conductive Polymer Nanocomposites 2017 , 199-237		8
198	Surface Analysis of Clay/Polymer Nanocomposites 2017 , 363-411		1
197	Adsorption and covalent binding of fibrinogen as a method for probing the chemical composition of poly(styrene- <i>t</i> -tert-butoxy- <i>E</i> -vinylbenzyl-polyglycidol) microsphere surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 438-445	6	3
196	Diazonium salts for surface-confined visible light radical photopolymerization. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 3506-3515	2.5	11
195	Diazonium salt-based photoiniferter as a new efficient pathway to clay/polymer nanocomposites. <i>RSC Advances</i> , 2016 , 6, 88126-88134	3.7	21
194	Reactive Diazonium-Modified Silica Fillers for High-Performance Polymers. <i>Langmuir</i> , 2016 , 32, 11646-11654	1.5	25
193	Size-Controlled 3D Colloidal Crystals Formed in an Aqueous Suspension of Polystyrene/Polyglycidol Microspheres with Covalently Bound L-DOPA. <i>Langmuir</i> , 2016 , 32, 12848-12855	4	1

192	Ligand-modified mesoporous silica SBA-15/silver hybrids for the catalyzed reduction of methylene blue. <i>RSC Advances</i> , 2016 , 6, 57672-57682	3.7	25
191	Mesoporous silica/polyacrylamide composite: Preparation by UV-graft photopolymerization, characterization and use as Hg(II) adsorbent. <i>Applied Surface Science</i> , 2016 , 367, 181-189	6.7	42
190	Clay/Polyaniline Hybrid through Diazonium Chemistry: Conductive Nanofiller with Unusual Effects on Interfacial Properties of Epoxy Nanocomposites. <i>Langmuir</i> , 2016 , 32, 3514-24	4	47
189	Reactive and functional clay through UV-triggered thiol-ene interfacial click reaction. <i>Surface and Interface Analysis</i> , 2016 , 48, 532-537	1.5	10
188	Molecularly imprinted PVC beads for the recognition of proteins. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	6
187	Polyaniline-Wrapped ZnO Nanorod Composite Films on Diazonium-Modified Flexible Plastic Substrates. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 1136-1148	2.6	8
186	Diazonium interface chemistry and click polymerization: A novel route for carbon nanotube-polytriazole nanocomposites. <i>Surface and Interface Analysis</i> , 2016 , 48, 509-513	1.5	18
185	Synthesis and characterization of immobilized-polysiloxane monoamine-thiol triacetic acid and its diamine and triamine derivatives. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 78, 660-672	2.3	5
184	Functionalization of nanomaterials with aryldiazonium salts. <i>Advances in Colloid and Interface Science</i> , 2015 , 225, 16-36	14.3	122
183	Flexible organic semiconductor thin films. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8468-8479	7.1	41
182	One-step generated poly(3-methylthiophene)/CdSe nanocomposite thin films: redox, impedance and enhanced photoelectrochemical properties. <i>Ionics</i> , 2015 , 21, 2031-2037	2.7	5
181	Nanocomposites of Gold Nanoparticles@Molecularly Imprinted Polymers: Chemistry, Processing, and Applications in Sensors. <i>Chemistry of Materials</i> , 2015 , 27, 5464-5478	9.6	137
180	Picomolar Detection of Melamine Using Molecularly Imprinted Polymer-Based Electrochemical Sensors Prepared by UV-Graft Photopolymerization. <i>Electroanalysis</i> , 2015 , 27, 429-439	3	13
179	Silanized aryl layers through thiol-yne photo-click reaction. <i>Langmuir</i> , 2015 , 31, 10717-24	4	16
178	Gold-decorated polymeric monoliths: In-situ vs ex-situ immobilization strategies and flow through catalytic applications towards nitrophenols reduction. <i>Polymer</i> , 2015 , 77, 218-226	3.9	37
177	Standardization and validation of a protocol of zeta potential measurements by electrophoretic light scattering for nanomaterial characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 486, 218-231	5.1	25
176	Poly(glycidyl methacrylate)-grafted clay nanofiller for highly transparent and mechanically robust epoxy composites. <i>European Polymer Journal</i> , 2015 , 72, 89-101	5.2	33
175	Room temperature detection of H ₂ S by flexible gold-cobalt phthalocyanine heterojunction thin films. <i>Sensors and Actuators B: Chemical</i> , 2015 , 206, 653-662	8.5	47

174	Impact of long-term starvation on adhesion to and biofilm formation on stainless steel 316L and gold surfaces of <i>Salmonella enterica</i> serovar Typhimurium. <i>Annals of Microbiology</i> , 2015 , 65, 399-409	3.2	7
173	Surface Techniques 2015 , 191-204		
172	Electrode Surface Modification Using Diazonium Salts. <i>Electroanalytical Chemistry, A Series of Advances</i> , 2015 , 115-224		16
171	Polymer/silver hybrid thin films for anti-pathogenic bacterial applications. <i>Surface Innovations</i> , 2015 , 3, 103-114	1.9	6
170	Gradient Poly(styrene-co-polyglycidol) Grafts via Silicon Surface-Initiated AGET ATRP. <i>Langmuir</i> , 2015 , 31, 4853-61	4	7
169	Efficient photoinduced In situ preparation of clay/poly(glycidyl methacrylate) nanocomposites using hydrogen-donor silane. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 800-808	2.5	17
168	Toward a standardization of physico-chemical protocols for nanomedicine characterization: II. Zeta potential measurements 2015 ,		1
167	Mechanism of particle formation in radical emulsion copolymerization of styrene with tert-butoxy-Evinylbenzyl-polyglycidol macromonomer. <i>Polymer</i> , 2014 , 55, 788-797	3.9	5
166	Molecularly imprinted polymeric sensings layers grafted from aryl diazonium-modified surfaces for electroanalytical applications. A mini review. <i>Surface and Interface Analysis</i> , 2014 , 46, 1014-1020	1.5	13
165	Surface modification of polymers by reduction of diazonium salts: polymethylmethacrylate as an example. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 356-363	7.1	49
164	Carbon nanotube-poly(methyl methacrylate) hybrid films: preparation using diazonium salt chemistry and mechanical properties. <i>Journal of Colloid and Interface Science</i> , 2014 , 433, 115-122	9.3	17
163	Electrochemical impedimetric sensor based on molecularly imprinted polymers/sol-gel chemistry for methidathion organophosphorous insecticide recognition. <i>Talanta</i> , 2014 , 130, 294-8	6.2	54
162	Quartz crystal microbalance VOCs sensor based on dip coated polyaniline emeraldine salt thin films. <i>Sensors and Actuators B: Chemical</i> , 2014 , 203, 647-654	8.5	34
161	In situ diazonium-modified flexible ITO-coated PEN substrates for the deposition of adherent silver-polypyrrole nanocomposite films. <i>Langmuir</i> , 2014 , 30, 9397-406	4	26
160	Core/shell, protuberance-free multiwalled carbon nanotube/polyaniline nanocomposites via interfacial chemistry of aryl diazonium salts. <i>Journal of Colloid and Interface Science</i> , 2014 , 418, 185-92	9.3	45
159	Flexible H ₂ S sensor based on gold modified polycarbazole films. <i>Sensors and Actuators B: Chemical</i> , 2014 , 200, 227-234	8.5	65
158	H ₂ S sensing using in situ photo-polymerized polyaniline-silver nanocomposite films on flexible substrates. <i>Organic Electronics</i> , 2014 , 15, 71-81	3.5	79
157	Exfoliated clay/polyaniline nanocomposites through tandem diazonium cation exchange reactions and in situ oxidative polymerization of aniline. <i>RSC Advances</i> , 2014 , 4, 65213-65222	3.7	26

156	Engineering the surface chemistry of porous polymers by click chemistry and evaluating the interface properties by Raman spectroscopy and electrochromatography. <i>Surface and Interface Analysis</i> , 2014 , 46, 1009-1013	1.5	9
155	Ultrasensitive and selective detection of dopamine using cobalt-phthalocyanine nanopillar-based surface acoustic wave sensor. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22378-86	9.5	26
154	The synergy of ultrasonic treatment and organic modifiers for tuning the surface chemistry and conductivity of multiwalled carbon nanotubes. <i>Surface and Interface Analysis</i> , 2014 , 46, 940-944	1.5	6
153	Surface and interface physicochemical aspects of intercalated organo-bentonite. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 50, 204-210	3.4	36
152	Antibacterial Flexible Biaxially Oriented Polyethylene Terephthalate Sheets Through Sequential Diazonium and Hydrophilic Polymer Surface Chemistries. <i>Journal of Colloid Science and Biotechnology</i> , 2014 , 3, 58-67		5
151	One step synthesis of highly ordered free standing flexible polypyrrole-silver nanocomposite films at air/water interface by photopolymerization. <i>RSC Advances</i> , 2013 , 3, 13329	3.7	51
150	Interactions of fully formulated epoxy with model cement hydrates. <i>Journal of Adhesion Science and Technology</i> , 2013 , 27, 469-489	2	11
149	Preparation of MIP grafts for quercetin by tandem aryl diazonium surface chemistry and photopolymerization. <i>Mikrochimica Acta</i> , 2013 , 180, 1411-1419	5.8	18
148	Polyamide grafted with polypyrrole: formation, properties, and stability. <i>Chemical Papers</i> , 2013 , 67,	1.9	12
147	Grafting polymer-protein bioconjugate to boron-doped diamond using aryl diazonium coupling agents. <i>Diamond and Related Materials</i> , 2013 , 40, 60-68	3.5	15
146	Diazonium cation-exchanged clay: an efficient, unfrequented route for making clay/polymer nanocomposites. <i>Langmuir</i> , 2013 , 29, 13323-8	4	38
145	Novel, ternary clay/polypyrrole/silver hybrid materials through in situ photopolymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 439, 193-199	5.1	34
144	Electrochemical investigation of free-standing polypyrrole-silver nanocomposite films: a substrate free electrode material for supercapacitors. <i>RSC Advances</i> , 2013 , 3, 24567	3.7	47
143	Sensitized Photografting of Diazonium Salts by Visible Light.. <i>Chemistry of Materials</i> , 2013 , 25, 90-97	9.6	49
142	One-step UV-induced modification of cellulose fabrics by polypyrrole/silver nanocomposite films. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 130-7	9.3	47
141	Photo-induced synthesis of polypyrrole-silver nanocomposite films on N-(3-trimethoxysilylpropyl)pyrrole-modified biaxially oriented polyethylene terephthalate flexible substrates. <i>RSC Advances</i> , 2013 , 3, 5506	3.7	65
140	Polymer-immobilized nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 439, 43-68	5.1	75
139	Melamine-imprinted polymer grafts through surface photopolymerization initiated by aryl layers from diazonium salts. <i>Food Control</i> , 2013 , 31, 379-386	6.2	26

138	Plasma Deposition and Characterization of Copper-doped Cobalt Oxide Nanocatalysts. <i>Medziagotyra</i> , 2013 , 19,	0.4	1
137	Multiwalled Carbon Nanotube-Clicked Poly(4-vinyl pyridine) as a Hairy Platform for the Immobilization of Gold Nanoparticles. <i>Journal of Colloid Science and Biotechnology</i> , 2013 , 2, 53-61		12
136	Polypyrrole/Ag Nanocomposite Films on Diazonium Salt Modified Indium Tin Oxide Substrate. <i>Journal of Colloid Science and Biotechnology</i> , 2013 , 2, 200-210		7
135	Aryl diazonium salt surface chemistry and graft photopolymerization for the preparation of molecularly imprinted polymer biomimetic sensor layers. <i>Electrochimica Acta</i> , 2012 , 73, 45-52	6.7	34
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