

# Mahmoud A Hussein

## 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.

156 papers	2,028 citations	25 h-index	33 g-index
168 ext. papers	2,525 ext. citations	3.5 avg, IF	5.7 L-index

#	Paper	IF	Citations
156	Green Synthesis of TiO <sub>2</sub> Nanoparticles Using Acorus calamus Leaf Extract and Evaluating its Photocatalytic and In Vitro Antimicrobial Activity. <i>Catalysts</i> , <b>2022</b> , 12, 181	4	8
155	A review on heterogeneous oxidation of acetaminophen based on micro and nanoparticles catalyzed by different activators. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 497-525	6.3	2
154	Design and synthesis of a combined meso-adsorbent/chemo-sensor for extraction and detection of silver ions.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 272, 120938	4.4	0
153	Utilizing Biomass-Based Graphene Oxide-Polyaniline-Ag Electrodes in Microbial Fuel Cells to Boost Energy Generation and Heavy Metal Removal.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	9
152	Influence of Ce <sup>3+</sup> on the Structural, Morphological, Magnetic, Photocatalytic and Antibacterial Properties of Spinel MnFe <sub>2</sub> O <sub>4</sub> Nanocrystallites Prepared by the Combustion Route. <i>Crystals</i> , <b>2022</b> , 12, 268	2.3	2
151	Network Template-based Cross-linked Poly(methyl methacrylate)/tin(IV) Oxide Nanocomposites for the Photocatalytic Degradation of MB under UV Irradiation. <i>Journal of Materials Research and Technology</i> , <b>2022</b> ,	5.5	1
150	Impact of Charge Transfer Complex on the Dielectric Relaxation Processes in Poly(methyl methacrylate) Polymer.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
149	Synthesis of Atmospherically Stable Zero-Valent Iron Nanoparticles (nZVI) for the Efficient Catalytic Treatment of High-Strength Domestic Wastewater. <i>Catalysts</i> , <b>2022</b> , 12, 26	4	1
148	Spectroscopic and Physicochemical Studies on 1,2,4-Triazine Derivative. <i>Coatings</i> , <b>2022</b> , 12, 714	2.9	0
147	A Review of Pyrene Bioremediation Using Mycobacterium Strains in a Different Matrix. <i>Fermentation</i> , <b>2022</b> , 8, 260	4.7	0
146	Antifouling Performance of Cellulose Acetate Films Based on a New Benzoxazine Derivative. <i>ChemistrySelect</i> , <b>2021</b> , 6, 10386-10398	1.8	
145	Fabrication of Reproducible and Selective Ammonia Vapor Sensor-Pellet of Polypyrrole/Cerium Oxide Nanocomposite for Prompt Detection at Room Temperature. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6
144	Solution processed near-infrared photodetectors using hybrid MoS <sub>2</sub> -P(Py-co-OT) composite films. <i>Materials Research Bulletin</i> , <b>2021</b> , 138, 111229	5.1	6
143	Ultra-efficient Hybrid Material-based Cross-linked PANI@Cs-GO-OXS/CuO for the Photocatalytic Degradation of Rhodamine-B. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 157, 110208	3.9	3
142	A New Class of Polyethylene Glycol-Grafted Graphene Carbon Nanotube Composite as a Selective Adsorbent for Au(III). <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 937-946	3.2	3
141	Conducting terpolymers and its hybrid nanocomposites variable trends. From synthesis to applications. A review. <i>Polymer-Plastics Technology and Materials</i> , <b>2021</b> , 60, 271-285	1.5	0
140	Polythiophene and its derivatives Based nanocomposites in electrochemical sensing: A mini review. <i>Materials Today Communications</i> , <b>2021</b> , 26, 101935	2.5	4

139	Properties and Applications of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Biocomposites. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 1010-1030	4.5	5
138	The inhibition performance of a novel benzenesulfonamide-based benzoxazine compound in the corrosion of X60 carbon steel in an acidizing environment. <i>RSC Advances</i> , <b>2021</b> , 11, 7078-7095	3.7	6
137	Silica-Based Bioactive Glasses and Their Applications in Hard Tissue Regeneration: A Review. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	16
136	Network structure-based decorated CPA@CuO hybrid nanocomposite for methyl orange environmental remediation. <i>Scientific Reports</i> , <b>2021</b> , 11, 5056	4.9	4
135	Structural and Magnetoelectrical Properties of MFeO (M = Co, Ni, Cu, Mg, and Zn) Ferrospinel Synthesized via an Egg-White Biotemplate. <i>ACS Omega</i> , <b>2021</b> , 6, 22180-22187	3.9	2
134	Photoinhibition and photocatalytic response of surfactant mediated Pt/ZnO nanocomposite. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 35, 102458	3.5	3
133	Insights into Solar Disinfection Enhancements for Drinking Water Treatment Applications. <i>Sustainability</i> , <b>2021</b> , 13, 10570	3.6	4
132	Sensitive and selective voltammetric sensor based on polythiophene nanocomposite mixed MWCNT-G for the determination of Tartrazine. <i>Synthetic Metals</i> , <b>2021</b> , 280, 116875	3.6	2
131	Diversification and Design of Novel Aniline-Pyrimidines via Sonogashira/Suzuki Cross Coupling Reactions Catalyzed by Novel CLPN-Pd. <i>ChemistrySelect</i> , <b>2021</b> , 6, 13551-13558	1.8	0
130	Optimization of Facile Synthesized ZnO/CuO Nanophotocatalyst for Organic Dye Degradation by Visible Light Irradiation Using Response Surface Methodology. <i>Catalysts</i> , <b>2021</b> , 11, 1509	4	4
129	Selective Hg <sup>2+</sup> sensor performance based various carbon-nanofillers into CuO-PMMA nanocomposites. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 1946-1962	3.2	9
128	Utilizing the crop waste of date palm fruit to biosynthesize polyhydroxyalkanoate bioplastics with favorable properties. <i>Science of the Total Environment</i> , <b>2020</b> , 737, 139716	10.2	21
127	Novel biologically active polyurea derivatives and its TiO <sub>2</sub> -doped nanocomposites. <i>Designed Monomers and Polymers</i> , <b>2020</b> , 23, 59-74	3.1	7
126	The Performance of Various SWCNT Loading into CuO/PMMA Nanocomposites Towards the Detection of Mn <sup>2+</sup> Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 5024-5041	3.2	5
125	Modification of alginic acid for the removal of dyes from aqueous solutions by solid-phase extraction. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-21	1.8	7
124	Fabrication of conductive cross-linked polyaniline/G-MWCNTS core-shell nanocomposite: A selective sensor for trace determination of chlorophenol in water samples. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 2615-2631	3.2	8
123	Enhanced antimicrobial activity of new arylidene-based polyketone nanocomposite materials. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 1973-1986	1.5	
122	Rapid and sensitive electrochemical sensor of cross-linked polyaniline/oxidized carbon nanomaterials core-shell nanocomposites for determination of 2,4-dichlorophenol. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234815	3.7	10

121	Highly selective heteroaromatic sulfur containing polyamides for Hg environmental remediation. <i>Designed Monomers and Polymers</i> , <b>2020</b> , 23, 25-39	3.1	1
120	Synthesis and Cytotoxic Activity of New Thiazolopyrimidine Sugar Hydrazones and Their Derived Acyclic Nucleoside Analogues. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
119	Hybrid polyvinyl alcohol/polyvinyl chloride nanocomposites reinforced with graphene-carbon nanotube for acid red environmental treatments. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 1447-1462	1.5	1
118	Hybrid poly(ether-arylidene-ether-sulphone)s derivatives for divalent cobalt ion detection. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	2
117	Designed network of ternary core-shell PPCOT/NiFe <sub>2</sub> O <sub>4</sub> /C-SWCNTs nanocomposites. A Selective Fe <sup>3+</sup> ionic sensor. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 834, 155020	5.7	17
116	The use of rocks in lieu of bricks and concrete as radiation shielding barriers at low gamma and nuclear medicine energies. <i>Construction and Building Materials</i> , <b>2020</b> , 251, 118908	6.7	11
115	Nanosheet composed of gold nanoparticle/graphene/epoxy resin based on ultrasonic fabrication for flexible dopamine biosensor using surface-enhanced Raman spectroscopy. <i>Nano Convergence</i> , <b>2020</b> , 7, 15	9.2	19
114	Zinc oxide doped arylidene based polyketones hybrid nanocomposites for enhanced biological activity. <i>Materials Research Express</i> , <b>2020</b> , 7, 075302	1.7	1
113	Physical, optical properties and radiation shielding studies of xLa <sub>2</sub> O <sub>3</sub> -(100-x)B <sub>2</sub> O <sub>3</sub> glass system. <i>Ceramics International</i> , <b>2020</b> , 46, 5380-5386	5.1	16
112	Fabrication of hybrid PVA-PVC/SnZnOx/SWCNTs nanocomposites as Sn <sup>2+</sup> ionic probe for environmental safety. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 642-657	1.5	6
111	Composite MaterialBased Conducting Polymers for Electrochemical Sensor Applications: a Mini Review. <i>BioNanoScience</i> , <b>2020</b> , 10, 351-364	3.4	28
110	Ultrasound assisted microencapsulation of zinc triflate in polyethersulfone as an efficient regioselective catalyst for Friedel-Crafts acylation reaction. <i>Polymer</i> , <b>2020</b> , 189, 122123	3.9	4
109	Polysulfone/wood flour/organoclay hybrid nanocomposites as efficient eco-friendly materials. <i>Composite Interfaces</i> , <b>2020</b> , 27, 717-736	2.3	3
108	Mixed oxides CuO-NiO fabricated for selective detection of 2-Aminophenol by electrochemical approach. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 1457-1467	5.5	27
107	The effect of curing temperatures on the thermal behaviour of new polybenzoxazine-modified epoxy resin. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 5439-5449	2.4	3
106	Nanoporous colorant sensors and captors for simultaneous recognition and recovery of gold from E-wastes. <i>Waste Management</i> , <b>2020</b> , 116, 166-178	8.6	9
105	The role of the arylidene linkage on the antimicrobial enhancement of new tert-butylcyclohexanone-based polyketones. <i>Polymer Bulletin</i> , <b>2020</b> , 78, 5427	2.4	1
104	Biodegradable lignin as a reactive raw material in UV curable systems. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 1387-1406	1.5	2

103	Novel copolyhydrazides and copolyoxadiazoles based on 1,4-phenyl linkage and 1,3,4-thiadiazole moiety in the polymer Main chain to induce glass transition and to improve the thermal stability, solubility, and antimicrobial activity. <i>Journal of Polymer Research</i> , <b>2019</b> , 26, 1	2.7	7
102	Ultrasonic-assisted fabrication of polyvinyl chloride/mixed graphene-carbon nanotube nanocomposites as a selective Ag <sup>+</sup> ionic sensor. <i>Journal of Composite Materials</i> , <b>2019</b> , 53, 2271-2284	2.7	8
101	Photocatalytic Degradation of Atrazine under Visible Light Using Novel Ag@MgTaO Nanocomposites. <i>Scientific Reports</i> , <b>2019</b> , 9, 7470	4.9	17
100	Structural, Thermal, Magnetic and Electrical Properties of Polyaniline/CoFe <sub>2</sub> O <sub>4</sub> Nano-composites with Special Reference to the Dye Removal Capability. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2019</b> , 29, 2197-2213	3.2	8
99	The preparation of carbon nanofillers and their role on the performance of variable polymer nanocomposites. <i>Designed Monomers and Polymers</i> , <b>2019</b> , 22, 8-53	3.1	62
98	Enhanced antifouling and anticoagulant properties of grafted biomolecule polyethersulfone membranes. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 1493-1505	3.2	6
97	Preparation of new and novel wave like poly(2-anisidine) zirconium tungstate nanocomposite: Thermal, electrical and ion-selective studies. <i>Chinese Journal of Chemical Engineering</i> , <b>2019</b> , 27, 459-466	3.2	10
96	Ternary nanocomposite based poly(pyrrole-co-O-toluidine), cobalt ferrite and decorated chitosan as a selective Co <sup>2+</sup> cationic sensor. <i>Composites Part B: Engineering</i> , <b>2019</b> , 175, 107175	10	33
95	Selective Fabrication of an Electrochemical Sensor for Pb <sup>2+</sup> Based on Poly(pyrrole-co-o-toluidine)/CoFe <sub>2</sub> O <sub>4</sub> Nanocomposites. <i>ChemistrySelect</i> , <b>2019</b> , 4, 10609-10619	1.8	16
94	Exploring the effect of organic/inorganic additives loaded on modified polyethersulfone membranes. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47686	2.9	5
93	Poly(pyrrole--toluidine) wrapped CoFeO/R(GO-OXSWCNTs) ternary composite material for Ga sensing ability.. <i>RSC Advances</i> , <b>2019</b> , 9, 33052-33070	3.7	16
92	Sulfone-modified chitosan as selective adsorbent for the extraction of toxic Hg(II) metal ions. <i>Adsorption Science and Technology</i> , <b>2019</b> , 37, 139-159	3.6	15
91	Functionalized polyethersulfone as PES-NH <sub>2</sub> -metal oxide nanofilers for the detection of Y <sup>3+</sup> . <i>Polymer Bulletin</i> , <b>2019</b> , 76, 4485-4506	2.4	4
90	Electrochemical sensor-based gold nanoparticle/poly(aniline-co-o-toluidine)/graphene oxide nanocomposite modified electrode for hexavalent chromium detection: a real test sample. <i>Polymer-Plastics Technology and Materials</i> , <b>2019</b> , 58, 1423-1436	1.5	10
89	Nanocomposite Containing Cross-linked Poly(Methyl-Methacrylate)/Multiwall Carbon Nanotube as a Selective Y <sup>3+</sup> Sensor Probe. <i>Polymer Composites</i> , <b>2019</b> , 40, E1673-E1684	3	12
88	Poly(aniline-co-o-anisidine)/graphene oxide Au nanocomposites for dopamine electrochemical sensing application. <i>Journal of Applied Electrochemistry</i> , <b>2019</b> , 49, 179-194	2.6	16
87	Efficient water disinfection using hybrid polyaniline/graphene/carbon nanotube nanocomposites. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 2813-2824	2.6	18
86	Polyaniline/Co <sub>0.6</sub> Zn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> core-shell nano-composites. Synthesis, characterization and properties. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 747, 83-90	5.7	13

85	Novel Pd/ZnWO <sub>4</sub> nanocomposite materials for photocatalytic degradation of atrazine. <i>Applied Nanoscience (Switzerland)</i> , <b>2018</b> , 8, 527-536	3.3	16
84	Cu-Cu <sub>2</sub> O@graphene nanoplatelets nanocomposites: Facile synthesis, characterization, and electrical conductivity properties. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 213, 168-176	4.4	16
83	Radiation shielding properties of transparent erbium zinc tellurite glass system determined at medical diagnostic energies. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 741, 293-299	5.7	82
82	Experimental and theoretical study of donor-acceptor compounds based on malononitrile. <i>Chemistry Central Journal</i> , <b>2018</b> , 12, 26		7
81	Eco-Friendly Polythiophene(keto-amine)s Based on Cyclopentanone Moiety for Environmental Remediation. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 1194-1205	4.5	21
80	Polyaniline/graphene/carbon nanotubes nanocomposites for sensing environmentally hazardous 4-aminophenol. <i>Nano Structures Nano Objects</i> , <b>2018</b> , 15, 63-74	5.6	53
79	Influence of Single-Walled Carbon Nanotubes on the Performance of Poly(Azomethine-Ether) Composite Materials. <i>Polymer-Plastics Technology and Engineering</i> , <b>2018</b> , 57, 1150-1163		10
78	Hybride ZnCdCrO embedded aminated polyethersulfone nanocomposites for the development of Hg <sup>2+</sup> ionic sensor. <i>Materials Research Express</i> , <b>2018</b> , 5, 065019	1.7	22
77	Novel Facial Conducting Polyamide-Based Dithiophenylidene Cyclohexanone Moiety Utilized for Selective Cu <sup>2+</sup> Sensing. <i>Polymer-Plastics Technology and Engineering</i> , <b>2018</b> , 57, 812-825		5
76	Potential anti-cancer performance of chitosan-based ketosulfone derivatives. <i>Cogent Chemistry</i> , <b>2018</b> , 4, 1559435	2.5	8
75	Nanocomposite based functionalized Polyethersulfone and conjugated ternary ZnYCdO nanomaterials for the fabrication of selective Cd <sup>2+</sup> sensor probe. <i>Journal of Polymer Research</i> , <b>2018</b> , 25, 1	2.7	26
74	Nanocomposites-based nitrated polyethersulfone and doped ZnYNiO for selective As <sup>3+</sup> sensor application. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 3689-3700	1.9	11
73	Highly Sensitive and Selective Electrochemical Determination of Sunset Yellow in Food Products Based on AuNPs/PANI-co-PoAN-co-PoT/GO/Au Electrode. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13167-13177	1.8	21
72	Cross-linked PMMA-based bifunctional amino derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 134, 1715-1728	4.1	4
71	Nanocomposites containing polyvinyl alcohol and reinforced carbon-based nanofiller: A super effective biologically active material. <i>Nanobiomedicine</i> , <b>2018</b> , 5, 1849543518794818	4.8	12
70	Nanocomposite-Based Aminated Polyethersulfone and Carboxylate Activated Carbon for Environmental Application. A Real Sample Analysis. <i>Journal of Carbon Research</i> , <b>2018</b> , 4, 30	3.3	14
69	Thermally stable hybrid polyarylidene(azomethine-ether)s polymers (PAAP): an ultrasensitive arsenic(III) sensor approach. <i>Designed Monomers and Polymers</i> , <b>2018</b> , 21, 82-98	3.1	13
68	A New Candidate Laser Dye Based 1,4-Bis[[2-Naphthothiazolyle)Vinyl]Benzene. Spectroscopic Behavior, Laser Parameters and Excitation Energy Transfer. <i>Journal of Fluorescence</i> , <b>2018</b> , 28, 743-758	2.4	2



67	Development of Cd <sup>2+</sup> sensor based on BZNA/Nafion/Glassy carbon electrode by electrochemical approach. <i>Chemical Engineering Journal</i> , <b>2018</b> , 352, 225-231	14.7	38
66	Cross-linked poly(methyl methacrylate)/multiwall carbon nanotube nanocomposites for environmental treatment. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 3240-3251	1.9	8
65	Fabrication of EPYR/GNP/MWCNT carbon-based composite materials for promoted epoxy coating performance.. <i>RSC Advances</i> , <b>2018</b> , 8, 23555-23566	3.7	26
64	The impact of graphene nano-plates on the behavior of novel conducting polyazomethine nanocomposites. <i>RSC Advances</i> , <b>2017</b> , 7, 9998-10008	3.7	25
63	Synthesis and characterization of nano-sized CoFe <sub>2</sub> O <sub>4</sub> via facile methods: A comparative study. <i>Materials Research Bulletin</i> , <b>2017</b> , 89, 68-78	5.1	36
62	Photoreactivity, Optical Behavior and DFT Studies of 2,5-Bis[4-choloro-acetyl(thiophen-2-ylmethylene)]cyclopentanone BCTCP in Different Solvents. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 1129-1140	2.4	1
61	Fabrication of an L-glutathione sensor based on PEG-conjugated functionalized CNT nanocomposites: a real sample analysis. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 10761-10772	3.6	16
60	Structural evolution of non-isothermally formed dysprosium sesquioxide nanoparticles and their optical and electrical conductivity properties. <i>Ceramics International</i> , <b>2017</b> , 43, 13166-13174	5.1	7
59	PSynthesis, characterization and electromagnetic properties of Zn-substituted CoFe <sub>2</sub> O <sub>4</sub> via sucrose assisted combustion route. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 426, 670-679	2.8	28
58	Modified polyether-sulfone membrane: a mini review. <i>Designed Monomers and Polymers</i> , <b>2017</b> , 20, 532-546	5.6	75
57	Synthesis and characterization of novel anti-inflammatory poly(spiro thiazolidinone)s. <i>Designed Monomers and Polymers</i> , <b>2016</b> , 19, 650-660	3.1	5
56	The impact of cross-linking degree on the thermal and texture behavior of poly(methyl methacrylate). <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 124, 709-717	4.1	18
55	Sensitive methanol sensor based on PMMA-G-CNTs nanocomposites deposited onto glassy carbon electrodes. <i>Talanta</i> , <b>2016</b> , 150, 71-80	6.2	45
54	Electrodeposition and Corrosion Protection Performance of Polypyrrole Composites on Aluminum. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 3938-3951	2.2	9
53	Synthesis, Characterization and Electrical Conductivity of Nano-Crystalline Erbium Sesquioxide by the Precipitation Method and Subsequent Calcination. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 7182-7197	2.2	6
52	Synthesis, Characterization and Electrical Conductivity of Polyaniline-Mn <sub>0.8</sub> Zn <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> Nano-composites. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 4526-4538	2.2	24
51	The Role of Mixed Graphene/Carbon Nanotubes on the Coating Performance of G/CNTs/Epoxy Resin Nanocomposites.. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 7644-7659	2.2	30
50	Fluorescence, Photophysical Behaviour and DFT Investigation of E,E-2,5-bis[2-(3-pyridyl)ethenyl]pyrazine (BPEP). <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1199-209	2.4	5

49	Synthesis, linear and nonlinear optical properties of a new dimethine cyanine dye derived from phenothiazine. <i>RSC Advances</i> , <b>2016</b> , 6, 91546-91556	3.7	37
48	Photophysical Behavior and Computational Investigation of Novel 1,4-Bis(2-(2-Phenylpyrimido[1,2-a]Benzimidazol-4-yl)Phenoxy)Butan (BPPB) Macromolecule. <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1895-904	2.4	
47	Synthesis, Spectral Characteristics and DFT Studies of the New Dye 2,7-diacetyl-9-((dimethylamino)methylene)-9H-fluorene (DMMF) in Different Solvents. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 1303-14	2.4	3
46	Experimental and theoretical study of o-substituent effect on the fluorescence of 8-hydroxyquinoline. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 3804-19	6.3	3
45	Synthesis, characterization and corrosion inhibitive properties of new thiazole based polyamides containing diarylidene cyclohexanone moiety. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2015</b> , 33, 1-13	3.5	35
44	Enhanced coating properties of Ni-La-ferrites/epoxy resin nanocomposites. <i>Polymer Composites</i> , <b>2015</b> , 36, 1875-1883	3	11
43	Fluorescence quenching N,N-bis(2,6-dimethylphenyl)-3,4:9,10-perylenetetracarboxylic diimide (BDPD) laser dye by colloidal silver nanoparticles. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 379-85	2.4	6
42	Characterization and Elemental Composition of Atmospheric Aerosol Loads during Springtime Dust Storm in Western Saudi Arabia. <i>Aerosol and Air Quality Research</i> , <b>2015</b> , 15, 440-453	4.6	46
41	Spectroscopic and computational studies of 1,4-bis[6-tertbutyl-2-benzoxazolyl]vinyl]benzene(BTBVB) laser dye. <i>Journal of Luminescence</i> , <b>2014</b> , 148, 317-324	3.8	6
40	Molecular packings and specific-bonding patterns in sulfonamides. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 4099-4106	3.6	11
39	Development and characterization of the composites based on mesoporous MCM-41 and polyethylene glycol and their properties. <i>Composites Part B: Engineering</i> , <b>2014</b> , 58, 185-192	10	18
38	Preparation, characterization, and electrical properties of ZSM-5/PEG composite particles. <i>Polymer Composites</i> , <b>2014</b> , 35, 1160-1168	3	20
37	Access to Polycyclic Derivatives by Triflate-Catalyzed Intramolecular Hydroarylation. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 7458-7468	3.2	20
36	Surface selectivity competition of newly synthesized polyarylidene(keto amine) polymers toward different metal ions. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	12
35	Effect of Ni <sub>1-x</sub> Fe <sub>2x</sub> O <sub>4</sub> nanoparticles on the thermal and coating properties of epoxy resin composites. <i>Composites Part B: Engineering</i> , <b>2013</b> , 51, 11-18	10	26
34	The effect of kenaf fibre loadings on the properties of UV-cured unsaturated polyester composites. <i>Journal of Reinforced Plastics and Composites</i> , <b>2013</b> , 32, 1062-1071	2.9	5
33	Liquid crystalline polymers XI. Main chain thermotropic poly (arylidene ether)s containing 4-methyl-cyclohexanone moiety linked with polymethylene spacers. <i>Liquid Crystals</i> , <b>2013</b> , 40, 711-725	2.3	12
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30	Effect of annealing on photochromic performance of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride doped in polyacrylic acid thin film. <i>Pigment and Resin Technology</i> , <b>2013</b> , 42, 202-207	1	
29	New Polymer Syntheses Part 56: Novel Friedel-Crafts Polyketones Containing Naphthalene Moiety: Synthesis, Characterization and Antimicrobial Activity. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2013</b> , 50, 99-109	2.2	11
28	Liquid crystalline polymers XII. Main chain thermotropic poly(arylidene-ether)s containing 4-tertiary-butyl-cyclohexanone moiety linked with polymethylene spacers. <i>Liquid Crystals</i> , <b>2013</b> , 40, 1570-1580	2.3	12
27	Polyarylidene containing saturated silicon spacers in the polymers main chain. <i>Designed Monomers and Polymers</i> , <b>2013</b> , 16, 377-388	3.1	8
26	Photo-fabricated unsaturated polyester resin composites reinforced by kenaf fibers, synthesis and characterization. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 968-976	2.9	11
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24	StructureProperty relationship of naphthalene based donorAcceptor organic dyes for dye-sensitized solar cells: remarkable improvement of open-circuit photovoltage. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 22550		32
23	Spectral characteristics and fluorescence quenching of N,N'-bis(4-pyridyl)-3,4,9,10-perylenebis(dicarboximide) (BPPD). <i>Journal of Luminescence</i> , <b>2012</b> , 132, 2747-2752	2.8	11
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12	Synthesis, characterization and antimicrobial properties of new poly(ether-ketone)s and copoly(ether-ketone)s containing diarylidencycloalkanone moieties in the main chain. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 108, 3138-3147	2.9	22
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