

Reda M El-Shishtawy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6101587/publications.pdf>

Version: 2024-02-01

128
papers

4,122
citations

87723

38
h-index

143772

57
g-index

129
all docs

129
docs citations

129
times ranked

4203
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonic assisted dyeing. <i>Dyes and Pigments</i> , 2005, 65, 103-110.	2.0	232
2	In situ production of silver nanoparticle on cotton fabric and its antimicrobial evaluation. <i>Cellulose</i> , 2011, 18, 75-82.	2.4	178
3	Structural and magnetic properties of nano-crystalline Ni ²⁺ /Zn ferrites synthesized using egg-white precursor. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2258-2264.	1.0	157
4	Recent developments of gallic acid derivatives and their hybrids in medicinal chemistry: A review. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112609.	2.6	155
5	Ultrasonic assisted dyeing. IV. Dyeing of cationised cotton with lac natural dye. <i>Dyes and Pigments</i> , 2007, 73, 279-284.	2.0	117
6	The use of new technologies in coloration of textile fibers. <i>Journal of Materials Science</i> , 2010, 45, 1143-1153.	1.7	112
7	Immobilization of horseradish peroxidase on Fe ₃ O ₄ magnetic nanoparticles. <i>Electronic Journal of Biotechnology</i> , 2017, 27, 84-90.	1.2	108
8	Curcumin analogues and their hybrid molecules as multifunctional drugs. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111631.	2.6	97
9	The preparation of carbon nanofillers and their role on the performance of variable polymer nanocomposites. <i>Designed Monomers and Polymers</i> , 2019, 22, 8-53.	0.7	92
10	Thiazole azo dyes with lateral donor branch: Synthesis, structure and second order NLO properties. <i>Dyes and Pigments</i> , 2013, 96, 45-51.	2.0	82
11	Synthesis of magnetic multi-walled carbon nanotubes/magnetite/chitin magnetic nanocomposite for the removal of Rose Bengal from real and model solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3559-3567.	2.9	75
12	Synthesis of a new fluorescent cyanide chemosensor based on phenothiazine derivative. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 288-296.	4.0	64
13	Functional Dyes, and Some Hi-Tech Applications. <i>International Journal of Photoenergy</i> , 2009, 2009, 1-21.	1.4	63
14	Solid fermentation of wheat bran for hydrolytic enzymes production and saccharification content by a local isolate <i>Bacillus megatherium</i> . <i>BMC Biotechnology</i> , 2014, 14, 29.	1.7	61
15	Synthesis and Characterization of Ag-Ag ₂ O/TiO ₂ @polypyrrole Heterojunction for Enhanced Photocatalytic Degradation of Methylene Blue. <i>Catalysts</i> , 2016, 6, 76.	1.6	61
16	Ultrasonic-assisted dyeing: I. Nylon dyeability with reactive dyes. <i>Polymer International</i> , 2003, 52, 373-380.	1.6	58
17	Synthesis, linear and nonlinear optical properties of a new dimethine cyanine dye derived from phenothiazine. <i>RSC Advances</i> , 2016, 6, 91546-91556.	1.7	56
18	Amidrazon modified acrylic fabric activated with cyanuric chloride: A novel and efficient support for horseradish peroxidase immobilization and phenol removal. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 949-958.	3.6	55

#	ARTICLE	IF	CITATIONS
19	Development of Cd ²⁺ sensor based on BZNA/Nafion/Glassy carbon electrode by electrochemical approach. <i>Chemical Engineering Journal</i> , 2018, 352, 225-231.	6.6	53
20	Horseradish peroxidase and chitosan: Activation, immobilization and comparative results. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 295-300.	3.6	50
21	Hydroxyapatite-decorated ZrO ₂ for α -amylase immobilization: Toward the enhancement of enzyme stability and reusability. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 299-308.	3.6	50
22	DFT and TD-DFT calculations of the electronic structures and photophysical properties of newly designed pyrene-core arylamine derivatives as hole-transporting materials for perovskite solar cells. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	0.5	49
23	Anionic coloration of acrylic fibre. Part 1: Efficient pretreatment and dyeing with acid dyes. <i>Coloration Technology</i> , 2005, 121, 139-146.	0.7	46
24	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 973-981.	1.9	46
25	Preparation and Characterization of Cationized Cellulose for the Removal of Anionic Dyes. <i>Adsorption Science and Technology</i> , 2001, 19, 197-210.	1.5	45
26	The use of sodium edate in dyeing: II. Union dyeing of cotton/wool blend with hetero bi-functional reactive dyes. <i>Dyes and Pigments</i> , 2007, 72, 57-65.	2.0	44
27	Synthesis of nanocomposites of polypyrrole/carbon nanotubes/silver nano particles and their application in water disinfection. <i>RSC Advances</i> , 2017, 7, 16878-16884.	1.7	44
28	Synthesis of Novel Chalcone-Based Phenothiazine Derivatives as Antioxidant and Anticancer Agents. <i>Molecules</i> , 2020, 25, 4566.	1.7	44
29	Cationic pretreatment of cotton fabric for anionic dye and pigment printing with better fastness properties. <i>Coloration Technology</i> , 2002, 118, 115-120.	0.7	43
30	Immobilization of horseradish peroxidase on amidoximated acrylic polymer activated by cyanuric chloride. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 663-670.	3.6	43
31	Immobilisation of α -amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , 2019, 9, 12672.	1.6	43
32	The Synthesis of New Thermal Stable Schiff Base/Ester Liquid Crystals: A Computational, Mesomorphic, and Optical Study. <i>Molecules</i> , 2019, 24, 3032.	1.7	42
33	New two rings Schiff base liquid crystals; ball mill synthesis, mesomorphic, Hammett and DFT studies. <i>Journal of Molecular Liquids</i> , 2020, 299, 112161.	2.3	42
34	Synthesis and spectroscopic studies of stable aqueous dispersion of silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1505-1510.	2.0	41
35	Synthesis and optophysical properties of dimeric aza-BODIPY dyes with a push-pull benzodipyrrolidone core. <i>Chemical Communications</i> , 2014, 50, 11540-11542.	2.2	41
36	Advances in phenothiazine and phenoxazine-based electron donors for organic dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2021, 194, 109638.	2.0	41

#	ARTICLE	IF	CITATIONS
37	Dyeing of modified acrylic fibers with curcumin and madder natural dyes. <i>Fibers and Polymers</i> , 2009, 10, 617-624.	1.1	40
38	Immobilization of horseradish peroxidase on activated wool. <i>Process Biochemistry</i> , 2013, 48, 649-655.	1.8	39
39	Immobilization of <i>Trichoderma harzianum</i> α -Amylase on Treated Wool: Optimization and Characterization. <i>Molecules</i> , 2014, 19, 8027-8038.	1.7	39
40	Molecular design of donor-acceptor dyes for efficient dye-sensitized solar cells I: a DFT study. <i>Journal of Molecular Modeling</i> , 2014, 20, 2241.	0.8	39
41	Saccharification and hydrolytic enzyme production of alkali pre-treated wheat bran by <i>Trichoderma virens</i> under solid state fermentation. <i>BMC Biotechnology</i> , 2015, 15, 37.	1.7	39
42	Immobilization of <i>Trichoderma harzianum</i> α -amylase on PPyAgNp/Fe ₃ O ₄ -nanocomposite: chemical and physical properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 201-206.	1.9	38
43	Encapsulation of HRP Enzyme onto a Magnetic Fe ₃ O ₄ Np@PMMA Film via Casting with Sustainable Biocatalytic Activity. <i>Catalysts</i> , 2020, 10, 181.	1.6	38
44	Ultra-Thin 2D CuO Nanosheet for HRP Immobilization Supported by Encapsulation in a Polymer Matrix: Characterization and Dye Degradation. <i>Catalysis Letters</i> , 2021, 151, 232-246.	1.4	36
45	Immobilization of Catalase on Chitosan/ZnO and Chitosan/ZnO/Fe ₂ O ₃ Nanocomposites: A Comparative Study. <i>Catalysts</i> , 2021, 11, 820.	1.6	34
46	Biological H ₂ production using a novel light-induced and diffused photoreactor. <i>Biotechnology Letters</i> , 1997, 11, 403-407.	0.5	33
47	A new Vilsmeier-type reaction for one-pot synthesis of pH sensitive fluorescent cyanine dyes. <i>Tetrahedron</i> , 2006, 62, 7793-7798.	1.0	33
48	Influence of redox electrolyte on the device performance of phenothiazine based dye sensitized solar cells. <i>New Journal of Chemistry</i> , 2018, 42, 9045-9050.	1.4	32
49	Postharvest chitosan, gallic acid and chitosan gallate treatments effects on shelf life quality, antioxidant compounds, free radical scavenging capacity and enzymes activities of <i>Sukkarî</i> ™ bananas. <i>Journal of Food Science and Technology</i> , 2017, 54, 447-457.	1.4	31
50	Efficient water disinfection using hybrid polyaniline/graphene/carbon nanotube nanocomposites. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2813-2824.	1.2	31
51	Ultrasonic-assisted dyeing: II. Nylon fibre structure and comparative dyeing rate with reactive dyes. <i>Polymer International</i> , 2003, 52, 381-388.	1.6	30
52	Alkaline dyeing of polyester and polyester/cotton blend fabrics using sodium edetate. <i>Journal of Applied Polymer Science</i> , 2008, 108, 342-350.	1.3	30
53	Rhodamine B as ligand for affinity chromatography. Fixation studies onto cellulose by a curing method. <i>European Polymer Journal</i> , 2006, 42, 2270-2282.	2.6	29
54	2-Nitrosobenzothiazoles: useful synthons for new azobenzothiazole dyes. <i>Tetrahedron Letters</i> , 2008, 49, 6907-6909.	0.7	29

#	ARTICLE	IF	CITATIONS
55	The impact of graphene nano-plates on the behavior of novel conducting polyazomethine nanocomposites. <i>RSC Advances</i> , 2017, 7, 9998-10008.	1.7	29
56	Urea/alkali-free printing of cotton with reactive dyes. <i>Coloration Technology</i> , 2006, 122, 324-328.	0.7	28
57	Fabrication of selective and sensitive Pb ²⁺ detection by 2,2-((1,2-phenylenebis(azaneylylidene))bis(methaneylylidene))diphenol by electrochemical approach for environmental remediation. <i>Journal of Molecular Liquids</i> , 2019, 281, 401-406.	2.3	28
58	Photocatalytic decolourization of a new water-insoluble organic dye based on phenothiazine by ZnO and TiO ₂ nanoparticles. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3633-3638.	2.3	27
59	Recent progress in organic hole transport materials for energy applications. <i>Dyes and Pigments</i> , 2021, 193, 109465.	2.0	27
60	Optical Absorption Spectra and Electronic Properties of Symmetric and Asymmetric Squaraine Dyes for Use in DSSC Solar Cells: DFT and TD-DFT Studies. <i>International Journal of Molecular Sciences</i> , 2016, 17, 487.	1.8	26
61	The impact of cross-linking degree on the thermal and texture behavior of poly(methyl methacrylate). <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 709-717.	2.0	25
62	Synthesis of a new 1 ² -naphthothiazole monomethine cyanine dye for the detection of DNA in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1605-1609.	2.0	24
63	One-bath union dyeing of a modified wool/acrylic blend with acid and reactive dyes. <i>Coloration Technology</i> , 2011, 127, 28-38.	0.7	21
64	Preparation, characterization and electromagnetic properties of polyaniline/carbon nanotubes/nickel ferrite nanocomposites. <i>Polymer Composites</i> , 2012, 33, 532-539.	2.3	21
65	Steric and Solvent Effect in Dye-Sensitized Solar Cells Utilizing Phenothiazine-Based Dyes. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-9.	1.4	21
66	Chemical modification of curcumin: Solubility and antioxidant capacity. <i>International Journal of Food Properties</i> , 2017, 20, 718-724.	1.3	21
67	Experimental and computational investigations of a novel quinoline derivative as a corrosion inhibitor for mild steel in salty water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125454.	2.3	21
68	Synthesis and characterization of novel mono- and dicarboxyalkylthiacarbocyanines and their ester derivatives. <i>Dyes and Pigments</i> , 2007, 73, 195-205.	2.0	20
69	Indoline and benzothiazole-based squaraine dye-sensitized solar cells containing bis-pendent sulfonate groups: Synthesis, characterization and solar cell performance. <i>Journal of Molecular Structure</i> , 2019, 1195, 591-597.	1.8	20
70	Phenothiazine-based dyes containing imidazole with π -linkers of benzene, furan and thiophene: Synthesis, photophysical, electrochemical and computational investigation. <i>Journal of Molecular Structure</i> , 2022, 1251, 131959.	1.8	19
71	Acid dyeing isotherms of cotton fabrics pretreated with mixtures of reactive cationic agents. <i>Coloration Technology</i> , 2004, 120, 195-200.	0.7	18
72	Synthesis and characterization of new squaraine dyes with bis-pendent carboxylic groups for dye-sensitized solar cells. <i>Journal of Molecular Structure</i> , 2019, 1195, 850-858.	1.8	18

#	ARTICLE	IF	CITATIONS
73	Nanocomposite Containing Cross-Linked Poly(Methyl Methacrylate)/Multiwall Carbon Nanotube as a Selective Y^{3+} Sensor Probe. <i>Polymer Composites</i> , 2019, 40, E1673.	2.3	18
74	Facile Immobilization of Enzyme via Co-Electrospinning: A Simple Method for Enhancing Enzyme Reusability and Monitoring an Activity-Based Organic Semiconductor. <i>ACS Omega</i> , 2018, 3, 6346-6350.	1.6	17
75	Dual immobilization of α -amylase and horseradish peroxidase via electrospinning: A proof of concept study. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1353-1360.	3.6	17
76	Anionic colouration of acrylic fibre. Part II: Printing with reactive, acid and direct dyes. <i>Dyes and Pigments</i> , 2007, 74, 215-222.	2.0	16
77	A new phenothiazine-based selective visual and fluorescent sensor for cyanide. <i>BMC Chemistry</i> , 2020, 14, 2.	1.6	16
78	New amino and acetamido monomethine cyanine dyes for the detection of DNA in agarose gels. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5537-5542.	1.4	15
79	Synthesis and structural properties of 2-((10-alkyl-10H-phenothiazin-3-yl)methylene)malononitrile derivatives; a combined experimental and theoretical insight. <i>Chemistry Central Journal</i> , 2016, 10, 13.	2.6	14
80	Quality and biochemical changes of "Hindi-Besennara" mangoes during shelf life as affected by chitosan, gallic acid and chitosan gallate. <i>Journal of Food Science and Technology</i> , 2017, 54, 4139-4148.	1.4	14
81	Nanoporous colorant sensors and captors for simultaneous recognition and recovery of gold from E-wastes. <i>Waste Management</i> , 2020, 116, 166-178.	3.7	14
82	Ultrasound assisted pre-treatment and dyeing of linen fibres with reactive dyes. <i>Pigment and Resin Technology</i> , 2007, 36, 363-372.	0.5	13
83	A New Cr^{3+} Electrochemical Sensor Based on ATNA/Nafion/Glassy Carbon Electrode. <i>Materials</i> , 2020, 13, 2695.	1.3	13
84	Geochemistry and Utilization of Montmorillonitic Soil for Cationic Dye Removal. <i>Adsorption Science and Technology</i> , 2001, 19, 609-620.	1.5	12
85	Experimental and theoretical study of donor-acceptor compounds based on malononitrile. <i>Chemistry Central Journal</i> , 2018, 12, 26.	2.6	12
86	Fabrication of Sb^{3+} sensor based on 1,1'-bis(2-(naphthalene-2,3-diylbis(azanylylidene))bis(methanylylidene))bis(naphthalen-2-ol)/nafion/glassy carbon electrode assembly by electrochemical approach. <i>RSC Advances</i> , 2018, 8, 19754-19764.	1.7	12
87	A novel $\text{CuO}/\text{Ag}^{+}/\text{Ag}_3\text{PO}_4$ nanocomposite: Synthesis, characterization, and its application for 2-chlorophenol decontamination under visible light. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 115, 208-217.	2.7	12
88	Synthesis and photoreaction of 4,5,7-tri- <i>t</i> -butyl benzo[<i>c</i>]thiophene: A novel benzo[<i>c</i>]thiophene derivative and its Dewar isomer. <i>Tetrahedron Letters</i> , 1995, 36, 3177-3180.	0.7	11
89	Influence of Single-Walled Carbon Nanotubes on the Performance of Poly(Azomethine-Ether) Composite Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1150-1163.	1.9	11
90	Cross-linked poly(methyl methacrylate)/multiwall carbon nanotube nanocomposites for environmental treatment. <i>Advances in Polymer Technology</i> , 2018, 37, 3240-3251.	0.8	11

#	ARTICLE	IF	CITATIONS
91	Synthesis of hemicyanine-based chitosan ligands in dye-affinity chromatography for the purification of chewing stick peroxidase. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 401-414.	3.6	11
92	CoFe ₂ O ₄ /MWCNTs nano-composites structural, thermal, magnetic, electrical properties and dye removal capability. <i>Materials Research Express</i> , 2019, 6, 105059.	0.8	10
93	Iron Complexed Acid Mordant Dyes and Their Application on Nylon 6 and Wool. <i>Chemical Engineering and Technology</i> , 2002, 25, 849.	0.9	9
94	An electro-optical and electron injection study of benzothiazole-based squaraine dyes as efficient dye-sensitized solar cell materials: a first principles study. <i>Journal of Molecular Modeling</i> , 2014, 20, 2517.	0.8	9
95	Immobilization of Camel Liver Catalase on Nanosilver-Coated Cotton Fabric. <i>Catalysts</i> , 2021, 11, 900.	1.6	9
96	Methoxyperylene Bisimides and Perylene Lactame Imides: Novel, Red Fluorescent Dyes. <i>Chemistry - A European Journal</i> , 2006, 12, 4642-4645.	1.7	8
97	Synthesis and Antimicrobial Activity of Aluminium(III), Nickel(II) and Zinc(II) Schiff base Complexes Derived from o-Phenylenediamine and Salicylaldehyde. <i>Asian Journal of Chemistry</i> , 2013, 25, 2719-2721.	0.1	8
98	Cross-linked PMMA-based bifunctional amino derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1715-1728.	2.0	8
99	Kinetics and mechanism of the oxidative decolorization of direct violet 31 in the presence of peroxodisulfate-silver(I) as a redox system. <i>Transition Metal Chemistry</i> , 2019, 44, 57-64.	0.7	8
100	Synthesis and photophysical studies on a new fluorescent phenothiazine-based derivative. <i>Luminescence</i> , 2020, 35, 608-617.	1.5	8
101	Photovoltaic performance and power conversion efficiency prediction of double fence porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 27042-27058.	1.3	8
102	Photophysical Studies of a New Water Soluble Indocarbocyanine Dye Adsorbed onto Microcrystalline Cellulose and beta-Cyclodextrin. <i>Molecules</i> , 2013, 18, 5648-5668.	1.7	7
103	Chromophoric thin film based on cellulose triacetate blends for sensing metal ions. <i>Comptes Rendus Chimie</i> , 2014, 17, 557-562.	0.2	7
104	Synthesis, photophysical properties, and density functional theory studies of phenothiazine festooned vinylcyclohexenylmalononitrile. <i>Luminescence</i> , 2020, 35, 998-1009.	1.5	7
105	Orthogonal hydrogen and halogen bonding facilitate intermolecular charge transfer between barbaruric acid and molecular halogens over g-C ₃ N ₄ nanosheet: A comparative experimental and DFT calculations. <i>Journal of Molecular Structure</i> , 2021, 1223, 129211.	1.8	7
106	Influence of the protonation, deprotonation and transition metal ions on the fluorescence of 8-hydroxyquinoline: a computational study. <i>Molecular Simulation</i> , 2011, 37, 940-952.	0.9	6
107	Nucleophilic Addition of Reactive Dyes on Amidoximated Acrylic Fabrics. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	6
108	Pyran-Squaraine as Photosensitizers for Dye-Sensitized Solar Cells: DFT/TDDFT Study of the Electronic Structures and Absorption Properties. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-11.	1.4	6

#	ARTICLE	IF	CITATIONS
109	Synthesis of Long Chain Malachite Green Leuco Base (LMGH) and Its Spectroscopic Study in Organic Solvents and Ionic Micellar Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 929-934.	2.0	5
110	Improving nylon dyeability by using redox systems. <i>Advances in Polymer Technology</i> , 2001, 20, 237-247.	0.8	5
111	Bypass Kiln Dust as Adsorbent for Anionic Dye and Heavy Metal Ions Removal from Aqueous Solution. <i>Toxicological and Environmental Chemistry</i> , 2002, 82, 1-10.	0.6	5
112	Natural Products as a Source for New Leads in Gout Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-3.	0.5	5
113	Experimental and In-Silico Computational Modeling of Cerium Oxide Nanoparticles Functionalized by Gelatin as an Eco-Friendly Anti-Corrosion Barrier on X60 Steel Alloys in Acidic Environments. <i>Polymers</i> , 2022, 14, 2544.	2.0	5
114	Facile Synthesis of Novel Polysubstituted Isobenzofuranones. <i>Synthesis</i> , 1994, 1994, 1411-1412.	1.2	4
115	Experimental and Theoretical Study of O-Substituent Effect on the Fluorescence of 8-Hydroxyquinoline. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3804-3819.	1.8	4
116	Synthesis of new symmetric cyclic and acyclic halocurcumin analogues typical precursors for hybridization. <i>Research on Chemical Intermediates</i> , 2020, 46, 5307-5323.	1.3	4
117	Removal of Toxic Dye-stuffs from Aqueous Solution by Amphoteric Bioadsorbent. <i>Current Analytical Chemistry</i> , 2021, 17, 957-974.	0.6	4
118	Novel green coloration of cotton fabric. Part I: Bio-mordanting and dyeing characteristics of cotton fabrics with madder, alkanet, rhubarb and curcumin natural dyes. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 6-8.	0.1	4
119	Efficient Synthesis of Formyl Boronate Esters Derived from Carbazole and Phenoxazine as Key Electron Donors. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-9.	1.4	4
120	Synthesis and optical properties of novel key electron donors-based pinacol boronate ester derived from phenothiazine, phenoxazine and carbazole. <i>Journal of Organometallic Chemistry</i> , 2022, 970-971, 122373.	0.8	4
121	Realistic Quantum Control of Energy Transfer in Photosynthetic Processes. <i>Energies</i> , 2016, 9, 1063.	1.6	3
122	Preparation of novel magnetic chemically modified chitin nanocomposites and their application for environmental remediation of cadmium ions in model and real water samples. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109748.	1.9	3
123	AIE and reversible mechanofluorochromism characteristics of new imidazole-based donor-acceptor dyes. <i>RSC Advances</i> , 2022, 12, 19270-19283.	1.7	3
124	Novel Triarylamine-Based Hole Transport Materials: Synthesis, Characterization and Computational Investigation. <i>Materials</i> , 2021, 14, 3128.	1.3	2
125	Novel green coloration of cotton fabric. Part II: Effect of different print paste formulations on the printability of bio-mordanted fabric with madder natural dye. <i>Egyptian Journal of Chemistry</i> , 2020, 63, 6-7.	0.1	2
126	A novel green continuous dyeing of polyester fabric with excellent color data. <i>Egyptian Journal of Chemistry</i> , 2020, .	0.1	2

#	ARTICLE	IF	CITATIONS
127	Quantum Transfer Energy and Nonlocal Correlation in a Dimer with Time-Dependent Coupling Effect. International Journal of Theoretical Physics, 2017, 56, 1417-1428.	0.5	0
128	Quantum transfer energy in the framework of time-dependent dipole-dipole interaction. Results in Physics, 2018, 8, 89-92.	2.0	0