

# Reda M El-Shishtawy

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6101587/reda-m-el-shishtawy-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

2,889  
citations

32  
h-index

47  
g-index

129  
ext. papers

3,504  
ext. citations

3.8  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
121	Ultrasonic assisted dyeing. <i>Dyes and Pigments</i> , <b>2005</b> , 65, 103-110	4.6	192
120	In situ production of silver nanoparticle on cotton fabric and its antimicrobial evaluation. <i>Cellulose</i> , <b>2011</b> , 18, 75-82	5.5	149
119	Structural and magnetic properties of nano-crystalline Ni <sub>7</sub> Zn ferrites synthesized using egg-white precursor. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2012</b> , 324, 2258-2264	2.8	143
118	Ultrasonic assisted dyeing. IV. Dyeing of cationised cotton with lac natural dye. <i>Dyes and Pigments</i> , <b>2007</b> , 73, 279-284	4.6	93
117	The use of new technologies in coloration of textile fibers. <i>Journal of Materials Science</i> , <b>2010</b> , 45, 1143-1153	4.53	89
116	Immobilization of horseradish peroxidase on Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles. <i>Electronic Journal of Biotechnology</i> , <b>2017</b> , 27, 84-90	3.1	75
115	Thiazole azo dyes with lateral donor branch: Synthesis, structure and second order NLO properties. <i>Dyes and Pigments</i> , <b>2013</b> , 96, 45-51	4.6	70
114	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
113	Curcumin analogues and their hybrid molecules as multifunctional drugs. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 182, 111631	6.8	54
112	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> , <b>2014</b> , 20, 3559-3567	6.3	54
111	Synthesis of a new fluorescent cyanide chemosensor based on phenothiazine derivative. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 240, 288-296	8.5	51
110	Functional Dyes, and Some Hi-Tech Applications. <i>International Journal of Photoenergy</i> , <b>2009</b> , 2009, 1-21	2.1	50
109	Ultrasonic-assisted dyeing: I. Nylon dyeability with reactive dyes. <i>Polymer International</i> , <b>2003</b> , 52, 373-380	3.3	49
108	Synthesis and Characterization of Ag-Ag <sub>2</sub> O/TiO <sub>2</sub> @polypyrrole Heterojunction for Enhanced Photocatalytic Degradation of Methylene Blue. <i>Catalysts</i> , <b>2016</b> , 6, 76	4	47
107	Recent developments of gallic acid derivatives and their hybrids in medicinal chemistry: A review. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 204, 112609	6.8	45
106	Solid fermentation of wheat bran for hydrolytic enzymes production and saccharification content by a local isolate <i>Bacillus megatherium</i> . <i>BMC Biotechnology</i> , <b>2014</b> , 14, 29	3.5	44
105	Horseradish peroxidase and chitosan: activation, immobilization and comparative results. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 60, 295-300	7.9	42

104	Synthesis and spectroscopic studies of stable aqueous dispersion of silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 79, 1505-10	4.4	38
103	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
102	Synthesis and optophysical properties of dimeric aza-BODIPY dyes with a push-pull benzodipyrrolidone core. <i>Chemical Communications</i> , <b>2014</b> , 50, 11540-2	5.8	37
101	Preparation and Characterization of Cationized Cellulose for the Removal of Anionic Dyes. <i>Adsorption Science and Technology</i> , <b>2001</b> , 19, 197-210	3.6	37
100	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
99	Cationic pretreatment of cotton fabric for anionic dye and pigment printing with better fastness properties. <i>Coloration Technology</i> , <b>2002</b> , 118, 115-120	2	36
98	Immobilization of horseradish peroxidase on activated wool. <i>Process Biochemistry</i> , <b>2013</b> , 48, 649-655	4.8	35
97	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> , <b>2007</b> , 72, 57-65	4.6	35
96	New two rings Schiff base liquid crystals; ball mill synthesis, mesomorphic, Hammett and DFT studies. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 299, 112161	6	35
95	DFT and TDDFT 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> , <b>2018</b> , 137, 1	1.9	34
94	Dyeing of modified acrylic fibers with curcumin and madder natural dyes. <i>Fibers and Polymers</i> , <b>2009</b> , 10, 617-624	2	34
93	The Synthesis of New Thermal Stable Schiff Base/Ester Liquid Crystals: A Computational, Mesomorphic, and Optical Study. <i>Molecules</i> , <b>2019</b> , 24,	4.8	33
92	Immobilization of horseradish peroxidase on amidoximated acrylic polymer activated by cyanuric chloride. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 663-70	7.9	33
91	Anionic coloration of acrylic fibre. Part 1: Efficient pretreatment and dyeing with acid dyes. <i>Coloration Technology</i> , <b>2005</b> , 121, 139-146	2	33
90	Synthesis of nanocomposites of polypyrrole/carbon nanotubes/silver nano particles and their application in water disinfection. <i>RSC Advances</i> , <b>2017</b> , 7, 16878-16884	3.7	32
89	Saccharification and hydrolytic enzyme production of alkali pre-treated wheat bran by <i>Trichoderma virens</i> under solid state fermentation. <i>BMC Biotechnology</i> , <b>2015</b> , 15, 37	3.5	32
88	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, S973-S981	6.1	29
87	Molecular design of donor-acceptor dyes for efficient dye-sensitized solar cells I: a DFT study. <i>Journal of Molecular Modeling</i> , <b>2014</b> , 20, 2241	2	28

86	A new Vilsmeier-type reaction for one-pot synthesis of pH sensitive fluorescent cyanine dyes. <i>Tetrahedron</i> , <b>2006</b> , 62, 7793-7798	2.4	28
85	Ultrasonic-assisted dyeing: II. Nylon fibre structure and comparative dyeing rate with reactive dyes. <i>Polymer International</i> , <b>2003</b> , 52, 381-388	3.3	28
84	Amidrazone 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> , <b>2019</b> , 140, 949-958	7.9	27
83	Biological H <sub>2</sub> production using a novel light-induced and diffused photoreactor. <i>Biotechnology Letters</i> , <b>1997</b> , 11, 403-407		27
82	Rhodamine B as ligand for affinity chromatography. Fixation studies onto cellulose by a curing method. <i>European Polymer Journal</i> , <b>2006</b> , 42, 2270-2282	5.2	26
81	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
80	Immobilization of <i>Trichoderma harzianum</i> $\alpha$ -amylase on treated wool: optimization and characterization. <i>Molecules</i> , <b>2014</b> , 19, 8027-38	4.8	25
79	Immobilization of <i>Trichoderma harzianum</i> $\alpha$ -amylase on PPyAgNp/FeO-nanocomposite: chemical and physical properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 201-206	6.1	24
78	2-Nitrosobenzothiazoles: useful synthons for new azobenzothiazole dyes. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 6907-6909	2	23
77	Alkaline dyeing of polyester and polyester/cotton blend fabrics using sodium edetate. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 108, 342-350	2.9	22
76	Immobilisation of $\alpha$ -amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , <b>2019</b> , 9, 12672	4.9	21
75	Encapsulation of HRP Enzyme onto a Magnetic Fe <sub>3</sub> O <sub>4</sub> Np/BMMA Film via Casting with Sustainable Biocatalytic Activity. <i>Catalysts</i> , <b>2020</b> , 10, 181	4	21
74	Synthesis of a new beta-naphthothiazole monomethine cyanine dye for the detection of DNA in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 75, 1605-1614	4.4	21
73	Hydroxyapatite-decorated ZrO <sub>2</sub> for $\alpha$ -amylase immobilization: Toward the enhancement of enzyme stability and reusability. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 299-308	7.9	21
72	Steric and Solvent Effect in Dye-Sensitized Solar Cells Utilizing Phenothiazine-Based Dyes. <i>International Journal of Photoenergy</i> , <b>2014</b> , 2014, 1-9	2.1	19
71	Preparation, characterization and electromagnetic properties of polyaniline/carbon nanotubes/nickel ferrite nanocomposites. <i>Polymer Composites</i> , <b>2012</b> , 33, 532-539	3	19
70	Photocatalytic decolourization of a new water-insoluble organic dye based on phenothiazine by ZnO and TiO <sub>2</sub> nanoparticles. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 3633-3638	5.9	19
69	Postharvest chitosan, gallic acid and chitosan gallate treatments effects on shelf life quality, antioxidant compounds, free radical scavenging capacity and enzymes activities of QukkariQ bananas. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 447-457	3.3	18

68	Influence of redox electrolyte on the device performance of phenothiazine based dye sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 9045-9050	3.6	18
67	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
66	Urea/alkali-free printing of cotton with reactive dyes. <i>Coloration Technology</i> , <b>2006</b> , 122, 324-328	2	18
65	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
64	Ultra-Thin 2D CuO Nanosheet for HRP Immobilization Supported by Encapsulation in a Polymer Matrix: Characterization and Dye Degradation. <i>Catalysis Letters</i> , <b>2021</b> , 151, 232-246	2.8	17
63	Synthesis and characterization of novel mono- and dicarboxyalkylthiacarbocyanines and their ester derivatives. <i>Dyes and Pigments</i> , <b>2007</b> , 73, 195-205	4.6	16
62	Acid dyeing isotherms of cotton fabrics pretreated with mixtures of reactive cationic agents. <i>Coloration Technology</i> , <b>2004</b> , 120, 195-200	2	16
61	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> , <b>2016</b> , 17, 487	6.3	16
60	Chemical modification of curcumin: Solubility and antioxidant capacity. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 718-724	3	15
59	One-bath union dyeing of a modified wool/acrylic blend with acid and reactive dyes. <i>Coloration Technology</i> , <b>2011</b> , 127, 28-38	2	15
58	Fabrication of selective and sensitive Pb <sup>2+</sup> detection by 2,2'-(1,2-phenylenebis(azaneylylidene))bis(methaneylylidene)diphenol by electrochemical approach for environmental remediation. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 281, 401-406	6	15
57	New amino and acetamido monomethine cyanine dyes for the detection of DNA in agarose gels. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 5537-42	3.4	14
56	Ultrasound assisted pre-treatment and dyeing of linen fibres with reactive dyes. <i>Pigment and Resin Technology</i> , <b>2007</b> , 36, 363-372	1	13
55	Synthesis and characterization of new squaraine dyes with bis-pendent carboxylic groups for dye-sensitized solar cells. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1195, 850-858	3.4	12
54	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> , <b>2018</b> , 3, 6346-6350	3.9	12
53	Dual immobilization of $\alpha$ -amylase and horseradish peroxidase via electrospinning: A proof of concept study. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 1353-1360	7.9	12
52	Immobilization of Catalase on Chitosan/ZnO and Chitosan/ZnO/Fe <sub>2</sub> O <sub>3</sub> Nanocomposites: A Comparative Study. <i>Catalysts</i> , <b>2021</b> , 11, 820	4	12
51	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

50	Anionic colouration of acrylic fibre. Part II: Printing with reactive, acid and direct dyes. <i>Dyes and Pigments</i> , <b>2007</b> , 74, 215-222	4.6	11
49	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
48	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> , <b>2016</b> , 10, 13		10
47	A new phenothiazine-based selective visual and fluorescent sensor for cyanide. <i>BMC Chemistry</i> , <b>2020</b> , 14, 2	3.7	10
46	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> , <b>2020</b> , 607, 125454	5.1	10
45	Fabrication of Sb sensor based on 1,1Q-(naphthalene-2,3-diylbis(azanylylidene))bis(methanylylidene))bis(naphthalen-2-ol)/nafion/glassy carbon electrode assembly by electrochemical approach.. <i>RSC Advances</i> , <b>2018</b> , 8, 19754-19764	3.7	10
44	Quality and biochemical changes of Qindi-BesennaraQ mangoes during shelf life as affected by chitosan, gallic acid and chitosan gallate. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 4139-4148	3.3	9
43	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
42	Synthesis of Novel Chalcone-Based Phenothiazine Derivatives as Antioxidant and Anticancer Agents. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
41	Methoxyperylene bisimides and perylene lactame imides: novel, red fluorescent dyes. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 4642-5	4.8	8
40	Iron Complexed Acid Mordant Dyes and Their Application on Nylon 6 and Wool. <i>Chemical Engineering and Technology</i> , <b>2002</b> , 25, 849	2	8
39	Synthesis and photoreaction of 4,5,7-tri-t-butyl benzo[c]thiophene: A novel benzo[c]thiophene derivative and its Dewar isomer. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 3177-3180	2	8
38	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
37	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> , <b>2019</b> , 1195, 591-597	3.4	7
36	Synthesis of hemicyanine-based chitosan ligands in dye-affinity chromatography for the purification of chewing stick peroxidase. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 401-414	7.9	7
35	Experimental and theoretical study of donor-acceptor compounds based on malononitrile. <i>Chemistry Central Journal</i> , <b>2018</b> , 12, 26		7
34	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> , <b>2019</b> , 44, 57-64	2.1	7
33	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> , <b>2014</b> , 20, 2517 <sup>2</sup>		7



32	Photophysical studies of a new water soluble indocarbocyanine dye adsorbed onto microcrystalline cellulose and $\beta$ -cyclodextrin. <i>Molecules</i> , <b>2013</b> , 18, 5648-68	4.8	7
31	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> , <b>2013</b> , 25, 2719-2721	0.4	7
30	Geochemistry and Utilization of Montmorillonitic Soil for Cationic Dye Removal. <i>Adsorption Science and Technology</i> , <b>2001</b> , 19, 609-620	3.6	7
29	Advances in phenothiazine and phenoxazine-based electron donors for organic dye-sensitized solar cells. <i>Dyes and Pigments</i> , <b>2021</b> , 194, 109638	4.6	7
28	Synthesis, photophysical properties, and density functional theory studies of phenothiazine festooned vinylcyclohexenyl-malononitrile. <i>Luminescence</i> , <b>2020</b> , 35, 998-1009	2.5	6
27	A New Cr Electrochemical Sensor Based on ATNA/Nafion/Glassy Carbon Electrode. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
26	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> , <b>2014</b> , 2014, 1-11	2.1	6
25	Influence of the protonation, deprotonation and transition metal ions on the fluorescence of 8-hydroxyquinoline: a computational study. <i>Molecular Simulation</i> , <b>2011</b> , 37, 940-952	2	6
24	Recent progress in organic hole transport materials for energy applications. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109465	4.6	6
23	CoFe <sub>2</sub> O <sub>4</sub> /MWCNTs nano-composites structural, thermal, magnetic, electrical properties and dye removal capability. <i>Materials Research Express</i> , <b>2019</b> , 6, 105059	1.7	5
22	Chromophoric thin film based on cellulose triacetate blends for sensing metal ions. <i>Comptes Rendus Chimie</i> , <b>2014</b> , 17, 557-562	2.7	5
21	Improving nylon dyeability by using redox systems. <i>Advances in Polymer Technology</i> , <b>2001</b> , 20, 237-247	1.9	5
20	Nucleophilic addition of reactive dyes on amidoximated acrylic fabrics. <i>Scientific World Journal</i> , <b>2014</b> , 2014, 305930	2.2	4
19	Bypass Kiln Dust as Adsorbent for Anionic Dye and Heavy Metal Ions Removal from Aqueous Solution. <i>Toxicological and Environmental Chemistry</i> , <b>2002</b> , 82, 1-10	1.4	4
18	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> , <b>1995</b> , 68, 929-934	5.1	4
17	Synthesis and photophysical studies on a new fluorescent phenothiazine-based derivative. <i>Luminescence</i> , <b>2020</b> , 35, 608-617	2.5	4
16	Cross-linked PMMA-based bifunctional amino derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 134, 1715-1728	4.1	4
15	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

14	Facile Synthesis of Novel Polysubstituted Isobenzofuranones. <i>Synthesis</i> , <b>1994</b> , 1994, 1411-1412	2.9	3
13	A novel CuO/Cu <sub>2</sub> O/Ag/Ag <sub>3</sub> PO <sub>4</sub> nanocomposite: Synthesis, characterization, and its application for 2-chlorophenol decontamination under visible light. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 115, 208-217	5.3	3
12	Immobilization of Camel Liver Catalase on Nanosilver-Coated Cotton Fabric. <i>Catalysts</i> , <b>2021</b> , 11, 900	4	3
11	Realistic Quantum Control of Energy Transfer in Photosynthetic Processes. <i>Energies</i> , <b>2016</b> , 9, 1063	3.1	3
10	Orthogonal hydrogen and halogen bonding facilitate intermolecular charge transfer between barbituric acid and molecular halogens over g-C <sub>3</sub> N <sub>4</sub> nanosheet: A comparative experimental and DFT calculations. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1223, 129211	3.4	3
9	Phenothiazine-based dyes containing imidazole with linkers of benzene, furan and thiophene: Synthesis, photophysical, electrochemical and computational investigation. <i>Journal of Molecular Structure</i> , <b>2021</b> , 131959	3.4	2
8	Photovoltaic performance and power conversion efficiency prediction of double fence porphyrins. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 27042-27058	3.6	2
7	Removal of Toxic Dye stuffs from Aqueous Solution by Amphoteric Bioadsorbent. <i>Current Analytical Chemistry</i> , <b>2021</b> , 17, 957-974	1.7	2
6	Efficient Synthesis of Formyl Boronate Esters Derived from Carbazole and Phenoxazine as Key Electron Donors. <i>Polycyclic Aromatic Compounds</i> , 1-9	1.3	1
5	Synthesis of new symmetric cyclic and acyclic halocurcumin analogues typical precursors for hybridization. <i>Research on Chemical Intermediates</i> , <b>2020</b> , 46, 5307-5323	2.8	1
4	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> , <b>2021</b> , 148, 109748	3.9	1
3	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> , <b>2022</b> , 970-971, 122373	2.3	0
2	Quantum Transfer Energy and Nonlocal Correlation in a Dimer with Time-Dependent Coupling Effect. <i>International Journal of Theoretical Physics</i> , <b>2017</b> , 56, 1417-1428	1.1	
1	Quantum transfer energy in the framework of time-dependent dipole-dipole interaction. <i>Results in Physics</i> , <b>2018</b> , 8, 89-92	3.7	