Gamal A El-Hiti

List of Publications by Year
in descending order

320 papers	3,989 citations	136950 32 h-index	233421 45 g-index
361 all docs	361 docs citations	361 times ranked	2290 citing authors

#	Article	IF	Citations
1	Biodegradation of different formulations of polyhydroxybutyrate films in soil. SpringerPlus, 2016, 5, 762.	1.2	122
2	Design and synthesis of porous polymeric materials and their applications in gas capture and storage: a review. Journal of Polymer Research, 2018, 25, 1.	2.4	84
3	Acetylation of aromatic ethers using acetic anhydride over solid acid catalysts in a solvent-free system. Scope of the reaction for substituted ethers. Organic and Biomolecular Chemistry, 2003, 1, 1560-1564.	2.8	76
4	Role of modern chemistry in sustainable arable crop protection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 623-637.	4.0	68
5	Synthesis, spectrophotometric and DFT studies of new Triazole Schiff bases as selective naked-eye sensors for acetate anion. Supramolecular Chemistry, 2020, 32, 519-526.	1.2	66
6	Use of zeolites for greener and more para-selective electrophilic aromatic substitution reactions. Green Chemistry, 2011, 13, 1579.	9.0	64
7	New Tetra-Schiff Bases as Efficient Photostabilizers for Poly(vinyl chloride). Molecules, 2017, 22, 1506.	3.8	63
8	Highly efficient and selective electrophilic and free radical catalytic bromination reactions of simple aromatic compounds in the presence of reusable zeolites. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2745-2752.	1.3	60
9	Lithiation of 3-(Acylamino)-2-unsubstituted-, 3-(Acylamino)-2-ethyl-, and 3-(Acylamino)-2-propyl-4(3H)-quinazolinones:Â Convenient Syntheses of More Complex Quinazolinones1. Journal of Organic Chemistry, 1996, 61, 647-655.	3.2	59
10	Regioselective Control of Electrophilic Aromatic Substitution Reactions. Current Organic Synthesis, 2004, 1, 253-274.	1.3	54
11	Synthesis of New Thiophene Derivatives and Their Use as Photostabilizers for Rigid Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.7	52
12	Quantum Computational Investigation of (E)-1-(4-methoxyphenyl)-5-methyl-Nâ€²-(3-phenoxybenzylidene)-1H-1,2,3-triazole-4-carbohydrazide. Molecules, 2022, 27, 2193.	3.8	50
13	3-Acetylindoles: Synthesis, Reactions and Biological Activities. Current Organic Chemistry, 2009, 13, 1475-1496.	1.6	48
14	Photostabilizing Efficiency of Poly(vinyl chloride) in the Presence of Organotin(IV) Complexes as Photostabilizers. Molecules, 2016, 21, 1151.	3.8	47
15	Photostability and Performance of Polystyrene Films Containing 1,2,4-Triazole-3-thiol Ring System Schiff Bases. Molecules, 2016, 21, 1699.	3.8	46
16	Carbonylation of various organolithium reagents. A novel approach to heterocycles via intramolecular trapping of aromatic acyllithiums. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2299-2303.	0.9	45
17	The Effect of Ultraviolet Irradiation on the Physicochemical Properties of Poly(vinyl Chloride) Films Containing Organotin(IV) Complexes as Photostabilizers. Molecules, 2018, 23, 254.	3.8	45
18	Photostabilization of Poly(vinyl chloride) by Organotin(IV) Compounds against Photodegradation. Molecules, 2019, 24, 3557.	3.8	44

#	Article	IF	Citations
19	Investigation of Tear Osmolarity Using the TearLab Osmolarity System in Normal Adults in Saudi Arabia. Eye and Contact Lens, 2014, 40, 74-78.	1.6	43
20	Viscoelastic, Spectroscopic and Microscopic Study of the Photo Irradiation Effect on the Stability of PVC in the Presence of Sulfamethoxazole Schiffâ€™s Bases. Polymers, 2015, 7, 2190-2204.	4.5	43
21	Long-Term Effect of Ultraviolet Irradiation on Poly(vinyl chloride) Films Containing Naproxen Diorganotin(IV) Complexes. Molecules, 2019, 24, 2396.	3.8	43
22	Simultaneous Quantification of Multiple Nucleic Acid Targets Using Chemiluminescent Probes. Journal of the American Chemical Society, 2011, 133, 14637-14648.	13.7	42
23	Comparative Study of Repeatability of Phenol Red Thread Test Versus Schirmer Test in Normal Adults in Saudi Arabia. Eye and Contact Lens, 2014, 40, 127-131.	1.6	41
24	The Morphology and Performance of Poly(Vinyl Chloride) Containing Melamine Schiff Bases against Ultraviolet Light. Molecules, 2019, 24, 803.	3.8	41
25	Synthesis, antimicrobial and anticancer activities of a novel series of diphenyl 1-(pyridin-3-yl)ethylphosphonates. Bioorganic and Medicinal Chemistry, 2012, 20, 2252-2258.	3.0	40
26	Spectroscopic, Physical and Topography of Photochemical Process of PVC Films in the Presence of Schiff Base Metal Complexes. Polymers, 2016, 8, 204.	4.5	40
27	Poly(vinyl Chloride) Photostabilization in the Presence of Schiff Bases Containing a Thiadiazole Moiety. Molecules, 2018, 23, 913.	3.8	40
28	Fabrication of ordered honeycomb porous poly(vinyl chloride) thin film doped with a Schiff base and nickel(II) chloride. Heliyon, 2018, 4, e00743.	3.2	40
29	One-pot synthesis of substituted isoindolin-1-ones via lithiation and substitution of Nâ€²-benzyl-N,N-dimethylureas. Chemical Communications, 2010, 46, 2790.	4.1	39
30	Photochemical Stability and Photostabilizing Efficiency of Poly(methyl methacrylate) Based on 2-(6-Methoxynaphthalen-2-yl)propanoate Metal Ion Complexes. Polymers, 2015, 7, 1005-1019.	4.5	38
31	Polyphosphates as Inhibitors for Poly(vinyl Chloride) Photodegradation. Molecules, 2017, 22, 1849.	3.8	36
32	Use of Ionic Liquids as Solvents for Epoxidation Reactions Catalysed by a Chiral Katsuki-Type Salen Complex: Enhanced Reactivity and Recovery of Catalyst. Catalysis Letters, 2004, 98, 95-101.	2.6	35
33	Synthesis, Characterization and Photocatalytic Activity of Carbon Nanotube/Titanium Dioxide Nanocomposites. Arabian Journal for Science and Engineering, 2018, 43, 199-210.	3.0	35
34	Lithiation of 2-Alkyl-3-amino- and 2-Alkyl-3-(methylamino)-4(3H)-quinazolinones1. Journal of Organic Chemistry, 1996, 61, 656-661.	3.2	33
35	Application of a new grading scale for tear ferning in non-dry eye and dry eye subjects. Contact Lens and Anterior Eye, 2015, 38, 39-43.	1.7	31
36	Influence of Polyphosphates on the Physicochemical Properties of Poly (Vinyl Chloride) after Irradiation with Ultraviolet Light. Polymers, 2020, 12, 193.	4.5	31

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37	New Eco-Friendly Phosphorus Organic Polymers as Gas Storage Media. Polymers, 2017, 9, 336.	4.5	30
38	A convenient procedure for bismuth-mediated Barbier-type allylation of aldehydes in water containing fluoride ions. Organic and Biomolecular Chemistry, 2004, 2, 935.	2.8	29
39	Regioselective Mononitration of Simple Aromatic Compounds under Mild Conditions in Ionic Liquidsâ€. Industrial & Engineering Chemistry Research, 2005, 44, 8611-8615.	3.7	29
40	SEM analysis of the tunable honeycomb structure of irradiated poly(vinyl chloride) films doped with polyphosphate. Heliyon, 2018, 4, e01013.	3.2	29
41	Modifications of Polymers through the Addition of Ultraviolet Absorbers to Reduce the Aging Effect of Accelerated and Natural Irradiation. Polymers, 2022, 14, 20.	4.5	29
42	Regiospecific electrophilic substitution of aminoquinazolinones: directed lithiation of 3-(pivaloylamino)- and 3-(acetylamino)-2-methylquinazolin-4(3H)-ones. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1029.	0.9	28
43	Lateral Lithiation of Nâ€²-(2-Methylbenzyl)-N,N-dimethylurea and N-(2-Methylbenzyl)pivalamide: Synthesis of Tetrahydroisoquinolines. Synthesis, 2010, 2010, 1371-1380.	2.3	28
44	Repeatability and Diurnal Variation of Tear Ferning Test. Eye and Contact Lens, 2015, 41, 262-267.	1.6	28
45	Assessment of Tear Film Quality among Smokers Using Tear Ferning Patterns. Journal of Ophthalmology, 2016, 2016, 1-5.	1.3	28
46	Effects of short-term oral vitamin A supplementation on the ocular tear film in patients with dry eye . Clinical Ophthalmology, 2019, Volume 13, 599-604.	1.8	28
47	Poly(Vinyl Chloride) Doped by 2-(4-Isobutylphenyl)Propanoate Metal Complexes: Enhanced Resistance to UV Irradiation. Arabian Journal for Science and Engineering, 2017, 42, 4307-4315.	3.0	27
48	Fabrication of Novel Ball-Like Polystyrene Films Containing Schiff Base Microspheres as Photostabilizers. Polymers, 2018, 10, 1185.	4.5	27
49	Variation in site of lithiation with ring substituent of Nâ€Šâ€²-aryl-N,N-dimethylureas: application in synthesis. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2305-2313.	0.9	26
50	Carbonylation of Doubly LithiatedNâ€²-Aryl-N,N-Dimethylureas: A Novel Approach to Isatins via Intramolecular Trapping of Acyllithiums. Synthesis, 2003, 2003, 2047-2052.	2.3	26
51	Regioselective Nitration of Deactivated Mono-Substituted Benzenes Using Acyl Nitrates Over Reusable Acidic Zeolite Catalysts. Catalysis Letters, 2010, 134, 270-278.	2.6	26
52	Investigation of Ocular Tear Ferning in Controlled and Uncontrolled Diabetic Subjects. Eye and Contact Lens, 2018, 44, S70-S75.	1.6	26
53	Synthesis of Telmisartan Organotin(IV) Complexes and their use as Carbon Dioxide Capture Media. Molecules, 2019, 24, 1631.	3.8	26
54	Study of regioselective dialkylation of naphthalene in the presence of reusable zeolite catalysts. Organic and Biomolecular Chemistry, 2003, 1, 1552-1559.	2.8	25

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55	Rearrangement of Epoxides to Carbonyl Compounds in the Presence of Reusable Acidic Zeolite Catalysts under Mild Conditions. Catalysis Letters, 2006, 109, 77-82.	2.6	25
56	New polymeric sulfide-borane complexes: convenient hydroborating and reducing reagents. Journal of Sulfur Chemistry, 2011, 32, 287-295.	2.0	25
57	Synthesis of sulfur-containing heterocycles via ring enlargement. Molecular Diversity, 2018, 22, 517-542.	3.9	25
58	Assessment of tear-evaporation rate in thyroid-gland patients. Clinical Ophthalmology, 2019, Volume 13, 131-135.	1.8	25
59	Variation in the Site of Lithiation of 2-(2-Methylphenyl)ethanamine Derivatives. Journal of Organic Chemistry, 2012, 77, 11210-11215.	3.2	24
60	Comparison of cyclic and polymeric disulfides as catalysts for the regioselective chlorination of phenols. Journal of Sulfur Chemistry, 2015, 36, 74-85.	2.0	24
61	Protection of Poly(Vinyl Chloride) Films against Photodegradation Using Various Valsartan Tin Complexes. Polymers, 2020, 12, 969.	4.5	24
62	2-Acetylbenzofurans: Synthesis, Reactions and Applications. Current Organic Chemistry, 2010, 14, 48-64.	1.6	23
63	A Novel Procedure for the Formation of Isatins via Carbonylation of Lithiated Nâ€²-Aryl-N,N-dimethylureas. Synlett, 1999, 1999, 945-947.	1.8	22
64	Regioselective Electrophilic Aromatic Substitution Reactions over Reusable Zeolites. Current Organic Chemistry, 2006, 10, 1603-1625.	1.6	22
65	Highly regioselective dinitration of toluene over reusable zeolite HÎ². Journal of Catalysis, 2013, 297, 244-247.	6.2	22
66	SEM morphological analysis of irradiated polystyrene film doped by a Schiff base containing a 1,2,4-triazole ring system. Applied Petrochemical Research, 2019, 9, 169-177.	1.3	22
67	Evaluation of the use of polyphosphates as photostabilizers and in the formation of ball-like polystyrene materials. Journal of Polymer Research, 2019, 26, 1.	2.4	22
68	The acute effect of a single dose of green tea on the quality and quantity of tears in normal eye subjects . Clinical Ophthalmology, 2019, Volume 13, 605-610.	1.8	22
69	Synthesis of Substituted Quinazolin-4(3H)-ones and Quinazolines via Directed Lithiation. Heterocycles, 2000, 53, 1839.	0.7	22
70	Control of Site of Lithiation of 3-(Aminomethyl)pyridine Derivatives. Synthesis, 2013, 45, 3426-3434.	2.3	21
71	Screening and Evaluation of Poly(3-hydroxybutyrate) with Rhodococcus equi Using Different Carbon Sources. Arabian Journal for Science and Engineering, 2017, 42, 2371-2379.	3.0	21
72	Study of regioselective methanesulfonylation of simple aromatics with methanesulfonic anhydride in the presence of zeolite catalysts. Organic and Biomolecular Chemistry, 2004, 2, 3150.	2.8	20

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73	Synthesis of Glycosides Containing Quinazolin-4(3H)-one Ring System. Heterocycles, 2005, 65, 3007.	0.7	20
74	Porous Aromatic Melamine Schiff Bases as Highly Efficient Media for Carbon Dioxide Storage. Processes, 2020, 8, 17.	2.8	20
75	A Convenient Procedure for the Formation of 2-Substituted Thiazolopyridines. Monatshefte FÃ¼r Chemie, 2003, 134, 837-841.	1.8	19
76	Poly(propylene sulfide)â€“borane: convenient and versatile reagent for organic synthesis. Tetrahedron, 2012, 68, 7834-7839.	1.9	19
77	Experimental (FT-IR, NMR and UV) and theoretical (M06-2X and DFT) investigation, and frequency estimation analyses on (E)-3-(4-bromo-5-methylthiophen-2-yl)acrylonitrile. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 131, 502-511.	3.9	19
78	Spectroscopic Investigations and DFT Calculations on 3-(Diacetylamino)-2-ethyl-3H-quinazolin-4-one. Journal of Spectroscopy, 2016, 2016, 1-15.	1.3	19
79	Catalytic, Green and Regioselective Friedel-Crafts Acylation of Simple Aromatics and Heterocycles Over Zeolites. Current Organic Chemistry, 2015, 19, 585-598.	1.6	19
80	Lithiation and Side-Chain Substitution of 3-Alkyl-1H-quinoxalin-2-ones. Synthesis, 2003, 2003, 2345-2348.	2.3	18
81	A Simple Procedure for the Side-Chain Substitution of 2-Alkyl-3 H -quinazoÂline-4-thiones: Application in Synthesis. Synthesis, 2004, 2004, 363-368.	2.3	18
82	The synthesis of polymeric sulfides by reaction of dihaloalkanes with sodium sulfide. Journal of Sulfur Chemistry, 2011, 32, 521-531.	2.0	18
83	An assessment of the ocular tear film in patients with thyroid disorders . Clinical Ophthalmology, 2019, Volume 13, 1019-1026.	1.8	18
84	FTIR, Weight, and Surface Morphology of Poly(vinyl chloride) Doped with Tin Complexes Containing Aromatic and Heterocyclic Moieties. Polymers, 2021, 13, 3264.	4.5	18
85	Acylation of aromatic ethers over solid acid catalysts: scope of the reaction with more complex acylating agents. Organic and Biomolecular Chemistry, 2003, 1, 2321.	2.8	17
86	A simple and convenient one-pot synthesis of substituted isoindolin-1-ones via lithiation, substitution and cyclization of N'-benzyl-N,N-dimethylureas. Beilstein Journal of Organic Chemistry, 2011, 7, 1219-1227.	2.2	17
87	Highly regioselective di-tert-amylation of naphthalene over reusable H-mordenite zeolite. Green Chemistry, 2012, 14, 1103.	9.0	17
88	Lithiation and Substitution of Nâ€²-(Ï‰-Phenylalkyl)-N,N-dimethylureas. Synthesis, 2012, 44, 2013-2022.	2.3	17
89	Directed Lithiation of Nâ€²-[2-(4-Methoxyphenyl)ethyl]-N,N-dimethylurea and tert-Butyl [2-(4-Methoxyphenyl)ethyl]carbamate. Synthesis, 2014, 46, 394-402.	2.3	17
90	A Simple Process for the Synthesis of Novel Pyrazolyltriazole and Dihydropyrazolylthiazole Derivatives as Antimicrobial Agents. Arabian Journal for Science and Engineering, 2017, 42, 2441-2448.	3.0	17

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91	Synthesis and Antimicrobial Activities of Diphenyl(Arylamino)(1-Phenyl-3-(Pyridin-2-Yl)-1H-Pyrazol-4-Yl)Methylphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1462-1468.	1.6	16
92	Synthesis of Carvedilolâ€“Organotin Complexes and Their Effects on Reducing Photodegradation of Poly(Vinyl Chloride). Polymers, 2021, 13, 500.	4.5	16
93	Addition of alkyllithiums to 3H-quinazoline-4-thione and various substituted quinazoline derivatives; application in synthesis. Journal of Sulfur Chemistry, 2005, 26, 121-129.	2.0	15
94	A novel supported Katsuki-type (salen)Mn complex for asymmetric epoxidation. Organic and Biomolecular Chemistry, 2006, 4, 917.	2.8	15
95	A Simple and Convenient High Yielding Synthesis of Substituted Isoindolines. Heterocycles, 2010, 80, 941.	0.7	15
96	Synthesis and Antimicrobial Activities of a Novel Series of Heterocyclic Î±â€Aminophosphonates. Archiv Der Pharmazie, 2012, 345, 784-789.	4.1	15
97	Directed Lithiation and Substitution of Pyridine Derivatives. Heterocycles, 2015, 91, 479.	0.7	15
98	An extensive study of bromination of cis,trans,trans-1,5,9-cyclododecatriene: product structures and conformations. Organic and Biomolecular Chemistry, 2005, 3, 1880.	2.8	14
99	Thioxoquinazolines: synthesis, reactions and biological activities. Journal of Sulfur Chemistry, 2011, 32, 361-395.	2.0	14
100	Assessment of the tear film in normal eye subjects after consumption of a single dose of hot peppermint drink . Clinical Optometry, 2019, Volume 11, 39-45.	1.2	14
101	A Process for the Synthesis and Use of Highly Aromatic Organosilanes as Additives for Poly(Vinyl) Tj ETQq1 1 0.784314 rgBT /Overloc	2.8	14
102	Reaction of 6-Substituted 3-Amino-2-phenyl-4(3H)- Quinazolinones with D-Ribose and L-Arabinose. Collection of Czechoslovak Chemical Communications, 1995, 60, 1016-1025.	1.0	14
103	Synthesis of New Symmetrical N, N'-Diacylhydrazines and 2-(1,2,3- Triazol-4-yl)-1,3,4-oxadiazoles. Letters in Organic Chemistry, 2017, 14, .	0.5	14
104	Syntheses of Triazoloquinoxalines. Heterocycles, 2016, 92, 1931.	0.7	14
105	Recent Advances in the Synthesis of Sulfonic Acids. Sulfur Reports, 2001, 22, 217-250.	0.4	13
106	A Convenient Procedure for the Synthesis of Novel Modified 3-Substituted 1H-Quinoxaline-2-thiones via Side-Chain Lithiation of 3-Alkyl-1H-quinoxaÂline-2-thiones. Synthesis, 2003, 2003, 2799-2804.	2.3	13
107	Synthesis of Novel Heteroatom-Doped Porous-Organic Polymers as Environmentally Efficient Media for Carbon Dioxide Storage. Applied Sciences (Switzerland), 2019, 9, 4314.	2.5	13
108	Synthesis and Use of Valsartan Metal Complexes as Media for Carbon Dioxide Storage. Materials, 2020, 13, 1183.	2.9	13

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109	3-Arylazo-2-thioxo-2,3-dihydro-1H-quinazolin-4-ones as Azodisperse Dyes for Dyeing Polyester Fabrics. Monatshefte FÃ¼r Chemie, 2007, 138, 153-156.	1.8	12
110	Catalytic Mononitration of Phenol Using iso-Propyl Nitrate Over Zeolite Catalysts. Topics in Catalysis, 2009, 52, 1696-1700.	2.8	12
111	Side-Chain Lithiation of 2- and 4-Substituted Pyridines: Synthesis of More Complex Substituted Pyridines. Heterocycles, 2012, 86, 391.	0.7	12
112	Spectroscopic and photochemical stability of polystyrene films in the presence of metal complexes. Journal of Taibah University for Science, 2017, 11, 997-1007.	2.5	12
113	Cytotoxicity anticancer activities of anastrozole against breast, liver hepatocellular, and prostate cancer cells. Journal of King Abdulaziz University, Islamic Economics, 2017, 38, 359-365.	1.1	12
114	A comparative study of the quality of non-stimulated and stimulated tears in normal eye male subjects using the tear ferning test . Clinical Optometry, 2019, Volume 11, 65-71.	1.2	12
115	Synthesis, characterization, properties, and use of new fusidate organotin complexes as additives to inhibit poly(vinyl chloride) photodegradation. Journal of Polymer Research, 2020, 27, 1.	2.4	12
116	Photostabilization of Poly(vinyl chloride) Films Blended with Organotin Complexes of Mefenamic Acid for Outdoor Applications. Applied Sciences (Switzerland), 2021, 11, 2853.	2.5	12
117	Effect of Ultraviolet Irradiation on Polystyrene Containing Cephalexin Schiff Bases. Polymers, 2021, 13, 2982.	4.5	12
118	Preparation and use of sterically hindered organobis(2,4,6-triisopropylphenyl)hydroborates and their polystyrene derivatives for the diastereoselective reduction of ketones. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2807-2812.	0.9	11
119	Convenient Synthesis of More Complex 2-Substituted 4(3H)-Quinazolinones via Lithiation of 2-Alkyl-4(3H)-quinazolinones. Collection of Czechoslovak Chemical Communications, 1999, 64, 515-526.	1.0	11
120	Unexpected Variations in Sites of Lithiation of N-(2-Methoxybenzyl)-pivalamide. Synlett, 2009, 2009, 2242-2244.	1.8	11
121	Recent trends in the chemistry of aminobenzo[b]thiophenes. Journal of Sulfur Chemistry, 2010, 31, 205-229.	2.0	11
122	Substituted Organotin Complexes of 4-Methoxybenzoic Acid for Reduction of Poly(vinyl Chloride) Photodegradation. Polymers, 2021, 13, 3946.	4.5	11
123	A Convenient Synthesis of 1,2-Dihydro-1,2,4-triazolo[3,2-b]quinazolin-9(1H)-ones and Their 1,2,4-Triazolo Derivatives. Bulletin of the Chemical Society of Japan, 1997, 70, 2209-2213.	3.2	10
124	Unexpected formation of substituted anilides via reactions of trifluoroacetanilides with lithium reagents. Journal of the Chemical Society Perkin Transactions 1, 1998, , 4041-4042.	0.9	10
125	Application of Organolithium in Organic Synthesis: A Simple and Convenient Procedure for the Synthesis of More Complex 6-Substituted 3 H -Quinazolin-4-ones. Monatshefte FÃ¼r Chemie, 2004, 135, 323-331.	1.8	10
126	Antimicrobial Activities of a Series of Diphenyl (4â€²-(Aryldiazenyl)Biphenyl-4-Ylamino)(Pyridin-3-YL)Methylphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1202-1207.	1.6	10

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127	Synthesis of a Series of Diphenyl (Arylamino)(Pyridin-3-yl)Methylphosphonates as Potential Antimicrobial Agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 879-885.	1.6	10
128	Synthesis of novel heterocycles using 1,2,3â€triazoleâ€4â€carbohydrazides as precursors. Journal of Heterocyclic Chemistry, 2020, 57, 1055-1062.	2.6	10
129	Enhancement of Photostabilization of Poly(vinyl chloride) Doped with Sulfadiazine Tin Complexes. Journal of Vinyl and Additive Technology, 2020, 26, 370-379.	3.4	10
130	A Process for Carbon Dioxide Capture Using Schiff Bases Containing a Trimethoprim Unit. Processes, 2021, 9, 707.	2.8	10
131	Tin Complexes of 4-(Benzylideneamino)benzenesulfonamide: Synthesis, Structure Elucidation and Their Efficiency as PVC Photostabilizers. Polymers, 2021, 13, 2434.	4.5	10
132	Stabilization of Poly(Vinyl Chloride) Containing Captopril Tin Complexes against Degradation upon Exposure to Ultraviolet Light. Journal of Vinyl and Additive Technology, 2020, 26, 601-612.	3.4	10
133	Synthesis and characterization of a new photochromic alkylene sulfide derivative. Journal of Sulfur Chemistry, 2018, 39, 182-192.	2.0	9
134	The use of polymeric sulfides as catalysts for the para-regioselective chlorination of phenol and 2-chlorophenol. Journal of Sulfur Chemistry, 2020, 41, 1-12.	2.0	9
135	New Porous Silicon-Containing Organic Polymers: Synthesis and Carbon Dioxide Uptake. Processes, 2020, 8, 1488.	2.8	9
136	Analysis of Tear Ferning Patterns in Young Female Subjects with Refractive Errors. Journal of Ophthalmology, 2021, 2021, 1-7.	1.3	9
137	Unexpected Products from Carbonylation of Lithiated Quinazolin-4(3H)-one Derivatives. Russian Journal of Organic Chemistry, 2003, 39, 430-435.	0.8	8
138	A simple procedure for the synthesis of novel 3-(benzofur-2-yl)pyrazole-based heterocycles. Chemical Papers, 2017, 71, 2159-2166.	2.2	8
139	Tin Complexes Containing an Atenolol Moiety as Photostabilizers for Poly(Vinyl Chloride). Polymers, 2020, 12, 2923.	4.5	8
140	DFT, molecular docking and experimental FT-IR, laser-Raman, NMR and UV investigations on a potential anticancer agent containing triazole ring system. Journal of Molecular Structure, 2020, 1211, 128077.	3.6	8
141	Synthesis of New Norfloxacinâ€“Tin Complexes to Mitigate the Effect of Ultraviolet-Visible Irradiation in Polyvinyl Chloride Films. Polymers, 2022, 14, 2812.	4.5	8
142	Proton Nuclear Magnetic Resonance Spectroscopy: Significant Barriers to Rotation About N-N Bonds in 3-Acylaminoquinazolin-4(3H)-One Derivatives. Spectroscopy Letters, 1999, 32, 671-677.	1.0	7
143	A simple procedure for synthesis of 3H-quinazolin-4-one hydrazones under mild conditions. Journal of Saudi Chemical Society, 2014, 18, 1022-1027.	5.2	7
144	Synthesis and Antimicrobial Activity of Some Novel Substituted 3-(Thiophen-2-yl)pyrazole-based Heterocycles. Letters in Drug Design and Discovery, 2017, 14, .	0.7	7

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145	The crystal structure of 2-(3-(4-bromophenyl)-5-(4-fluorophenyl)-4,5-dihydro-1H-pyrazol-1-yl)-8H-indeno[1,2-d]thiazole, C₂₅H₁₇BrFN₃S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 897-899.	0.3	7
146	Intracellular localization and induction of a dynamic <scp>RNA</scp>â€editing event of macroâ€algal <scp>Vâ€ATP</scp>ase subunit <scp>A</scp> (<scp>VHAâ€A</scp>) in response to copper. Plant, Cell and Environment, 2014, 37, 189-203.	5.7	6
147	Reactions of organoboranes with carbanions bearing three potential leaving groups: unusual processes, products and mechanisms. Tetrahedron, 2016, 72, 6914-6928.	1.9	6
148	Synthesis and Structural Characterization of Isostructural 4-(4-Aryl)-2-(5-(4-fluorophenyl)-3-(1-(4-fluorophenyl)-5-methyl-1H-1,2,3-triazol-4-yl)-4,5-dihydro-1H-pyrazol-1-yl)thiazoles. Crystals, 2021, 11, 795.	2.2	6
149	Investigation of the repeatability of tear osmolarity using an I-PEN osmolarity device. Taiwan Journal of Ophthalmology, 2021, 11, 168.	0.7	6
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