Ayman El-Faham

List of Publications by Year
in descending order

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251 papers	7,778 citations	76196 40 h-index	66788 78 g-index
272 all docs	272 docs citations	272 times ranked	6270 citing authors

#	Article	IF	Citations
1	Synthesis, structure, Xâ€ray photoelectron spectroscopy (XPS), and antimicrobial, anticancer, and antioxidant activities of Co (III) complexes based on the antihypertensive hydralazine. Applied Organometallic Chemistry, 2022, 36, .	1.7	5
2	Synthesis, molecular and supramolecular structure aspects and biological evaluations of a novel [Ag2(phthalazine)(NO3)2]n 3D coordination polymer. Journal of Molecular Structure, 2022, 1257, 132592.	1.8	1
3	Understanding OxymaPure as a Peptide Coupling Additive: A Guide to New Oxyma Derivatives. ACS Omega, 2022, 7, 6007-6023.	1.6	6
4	Synthesis of New S-Triazine Bishydrazino and Bishydrazido-Based Polymers and Their Application in Flame-Retardant Polypropylene Composites. Polymers, 2022, 14, 784.	2.0	1
5	A New Pt(II) Complex with Anionic s-Triazine Based NNO-Donor Ligand: Synthesis, X-ray Structure, Hirshfeld Analysis and DFT Studies. Molecules, 2022, 27, 1628.	1.7	5
6	Synthesis, X-ray Structure and Biological Studies of New Self-Assembled Cu(II) Complexes Derived from s-Triazine Schiff Base Ligand. Molecules, 2022, 27, 2989.	1.7	7
7	Co (II) Complexes Based on the Bis-Pyrazol-S-Triazine Pincer Ligand: Synthesis, X-ray Structure Studies, and Cytotoxic Evaluation. Crystals, 2022, 12, 741.	1.0	6
8	Synthesis, Structure and Biological Evaluations of Zn(II) Pincer Complexes Based on S-Triazine Type Chelator. Molecules, 2022, 27, 3625.	1.7	8
9	X-ray Structure Analyses and Biological Evaluations of a New Cd(II) Complex with S-Triazine Based Ligand. Crystals, 2022, 12, 861.	1.0	6
10	Synthesis and Antiproliferative Activity of a New Series of Mono- and Bis(dimethylpyrazolyl)-s-triazine Derivatives Targeting EGFR/PI3K/AKT/mTOR Signaling Cascades. ACS Omega, 2022, 7, 24858-24870.	1.6	14
11	1,3,5-Triazine as core for the preparation of dendrons. Arkivoc, 2021, 2020, 64-73.	0.3	2
12	The Antiproliferative and Apoptotic Effect of a Novel Synthesized S-Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. Molecules, 2021, 26, 1170.	1.7	7
13	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. Molecules, 2021, 26, 864.	1.7	31
14	Enhancing the Antifungal Activity of Griseofulvin by Incorporation a Green Biopolymer-Based Nanocomposite. Polymers, 2021, 13, 542.	2.0	43
15	Preparation and Characterization of Nanofibrous Scaffolds of Ag/Vanadate Hydroxyapatite Encapsulated into Polycaprolactone: Morphology, Mechanical, and In Vitro Cells Adhesion. Polymers, 2021, 13, 1327.	2.0	15
16	Scope and Limitations of Barbituric and Thiobarbituric Amino Acid Derivatives as Protecting Groups for Solidâ€Phase Peptide Synthesis: Towards a Green Protecting Group. ChemistrySelect, 2021, 6, 6626-6630.	0.7	3
17	Syntheses and Structural Investigations of Penta-Coordinated Co(II) Complexes with Bis-Pyrazolo-S-Triazine Pincer Ligands, and Evaluation of Their Antimicrobial and Antioxidant Activities. Molecules, 2021, 26, 3633.	1.7	5
18	Latest Advances on Synthesis, Purification, and Characterization of Peptides and Their Applications. Applied Sciences (Switzerland), 2021, 11, 5593.	1.3	3

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19	Molecular and Supramolecular Structures of Cd(II) Complexes with Hydralazine-Based Ligands; A New Example for Cyclization of Hydrazonophthalazine to Triazolophthalazine. Crystals, 2021, 11, 823.	1.0	3
20	Synthesis, characterization and comparative thermal degradation kinetics of s-Triazine based polymers. Journal of Polymer Research, 2021, 28, 1.	1.2	3
21	A Novel Centrosymmetric Fe(III) Complex with Anionic Bis-pyrazolyl-s-triazine Ligand; Synthesis, Structural Investigations and Antimicrobial Evaluations. Symmetry, 2021, 13, 1247.	1.1	6
22	sâ€Triazine pincer ligands: Synthesis of their metal complexes, coordination behavior, and applications. Applied Organometallic Chemistry, 2021, 35, e6317.	1.7	23
23	Amide Formation: Choosing the Safer Carbodiimide in Combination with OxymaPure to Avoid HCN Release. Organic Letters, 2021, 23, 6900-6904.	2.4	14
24	In situ preparation of composites based on trishydrazino-s-triazine (1,4-/1,3-) benzene dicarboxyaldehyde with reduced graphene oxide and their electrical conductivity performance. Journal of Materials Research and Technology, 2021, 10, 1280-1290.	2.6	0
25	Synthesis, Structure and In Vitro Anticancer Activity of Pd(II) Complex of Pyrazolyl-s-Triazine Ligand; A New Example of Metal-Mediated Hydrolysis of s-Triazine Pincer Ligand. Crystals, 2021, 11, 119.	1.0	10
26	Minimizing side reactions during amide formation using DIC and oxymapure in solid-phase peptide synthesis. Tetrahedron Letters, 2021, 85, 153462.	0.7	8
27	Preparation of Multifunctional Plasma Cured Cellulose Fibers Coated with Photo-Induced Nanocomposite toward Self-Cleaning and Antibacterial Textiles. Polymers, 2021, 13, 3664.	2.0	5
28	Straightforward Regio- and Diastereoselective Synthesis, Molecular Structure, Intermolecular Interactions and Mechanistic Study of Spirooxindole-Engrafted Rhodanine Analogs. Molecules, 2021, 26, 7276.	1.7	12
29	Synthesis, X-ray Structure, Conformational Analysis, and DFT Studies of a Giant s-Triazine bis-Schiff Base. Crystals, 2021, 11, 1418.	1.0	0
30	Synthesis, and Molecular Structure Investigations of a New s-Triazine Derivatives Incorporating Pyrazole/Piperidine/Aniline Moieties. Crystals, 2021, 11, 1500.	1.0	2
31	Di- and tri-substituted s-triazine derivatives: Synthesis, characterization, anticancer activity in human breast-cancer cell lines, and developmental toxicity in zebrafish embryos. Bioorganic Chemistry, 2020, 94, 103397.	2.0	17
32	Synthesis, crystal structure, evaluation of urease inhibition potential and the docking studies of cobalt(III) complex based on barbituric acid Schiff base ligand. Inorganica Chimica Acta, 2020, 503, 119405.	1.2	18
33	Synthesis and Antimicrobial Activity of a New Series of Thiazolidine-2,4-diones Carboxamide and Amino Acid Derivatives. Molecules, 2020, 25, 105.	1.7	16
34	Synthesis, characterization, thermal stability and kinetics of thermal degradation of novel polymers based-s-triazine Schiff base. Journal of Polymer Research, 2020, 27, 1.	1.2	12
35	Exploiting azido-dichloro-triazine as a linker for regioselective incorporation of peptides through their N, O, S functional groups. Bioorganic Chemistry, 2020, 104, 104334.	2.0	3
36	Ultrasonically Assisted N-Cyanoacylation and Synthesis of Alkyl(4-(3-cyano-4,6-dimethyl-2-oxopyridin-1(2H)-yl)benzoyl)amino Acid Ester Derivatives. ACS Omega, 2020, 5, 30671-30678.	1.6	1

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37	Novel oneâ€dimensional polymeric Cu(II) complexes via Cu(II)â€assisted hydrolysis of the 2,4â€bis(3,5â€dimethylâ€1Hâ€pyrazolâ€1â€yl)â€6â€methoxyâ€1,3,5â€triazine pincer ligand: Synthesis, structure, and antimicrobial activities. Applied Organometallic Chemistry, 2020, 34, e5941.	3.5	10
38	Novel 4,6-Disubstituted s-Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. Journal of Fungi (Basel, Switzerland), 2020, 6, 237.	1.5	8
39	Synthesis, X-ray Structure, Hirshfeld Analysis of Biologically Active Mn(II) Pincer Complexes Based on s-Triazine Ligands. Crystals, 2020, 10, 931.	1.0	3
40	Synthesis, Anti-proliferative Activity, and Molecular Docking Study of New Series of 1,3-5-Triazine Schiff Base Derivatives. Molecules, 2020, 25, 4065.	1.7	8
41	Modified Epoxy with Chitosan Triazine Dihydrazide Derivatives for Mechanical and Corrosion Protection of Steel. Coatings, 2020, 10, 1256.	1.2	3
42	Fe(III) Complexes Based on Mono- and Bis-pyrazolyl-s-triazine Ligands: Synthesis, Molecular Structure, Hirshfeld, and Antimicrobial Evaluations. Molecules, 2020, 25, 5750.	1.7	8
43	Syntheses, structure, Hirshfeld analysis and antimicrobial activity of four new Co(II) complexes with s-triazine-based pincer ligand. Inorganica Chimica Acta, 2020, 510, 119753.	1.2	17
44	Synthesis, structure and in vitro anticancer activity of Pd(II) complexes of mono- and bis-pyrazolyl-s-triazine ligands. Polyhedron, 2020, 187, 114665.	1.0	5
45	Synthesis and Characterization of New Series of 1,3-5-Triazine Hydrazone Derivatives with Promising Antiproliferative Activity. Molecules, 2020, 25, 2708.	1.7	10
46	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. Applied Sciences (Switzerland), 2020, 10, 3523.	1.3	5
47	Molecular and supramolecular structures of self-assembled Cu(II) and Co(II) complexes with 4,4â€™-[6-(3,5-dimethyl-1H-pyrazol-1-yl)-1,3,5-triazine-2,4-diyl]dimorpholine ligand. Journal of Molecular Structure, 2020, 1219, 128584.	1.8	3
48	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. MethodsX, 2020, 7, 100825.	0.7	2
49	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their Î±-glucosidase inhibitory and anti-glycation activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 692-701.	2.5	17
50	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. Crystals, 2020, 10, 442.	1.0	2
51	Chitosan-S-triazinyl-bis(2-aminomethylpyridine) and Chitosan-S-triazinyl-bis(8-oxyquinoline) Derivatives: New Reagents for Silver Nanoparticle Preparation and Their Effect of Antimicrobial Evaluation. Journal of Chemistry, 2020, 2020, 1-8.	0.9	5
52	Barbiturate- and Thiobarbituarte-Based s-Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. ACS Omega, 2020, 5, 15805-15811.	1.6	21
53	Monoâ€and pentaâ€nuclear selfâ€assembled silver(I) complexes of pyrazolyl sâ€triazine ligand; synthesis, structure and antimicrobial studies. Applied Organometallic Chemistry, 2020, 34, e5603.	1.7	8
54	Three Multi-Components Reaction: Synthesis and X-Ray Single-Crystal of Hydroacridinone-Based Hydrazino-S-Triazine Derivative as a New Class of Urease Inhibitor. Crystals, 2020, 10, 14.	1.0	7

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55	A class of carbonic anhydrase IX/XII â€“ selective carboxylate inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 549-554.	2.5	7
56	Synthesis, crystal structure, DFT and biological activity of E-pyrene-1-carbaldehyde oxime and E-2-naphthaldehyde oxime. Journal of Molecular Structure, 2020, 1207, 127848.	1.8	11
57	Phenol as a Modulator in the Chemical Reactivity of 2,4,6-Trichloro-1,3,5-triazine: Rules of the Game II. Australian Journal of Chemistry, 2020, 73, 352.	0.5	5
58	Functionalization of Silica with Triazine Hydrazide to Improve Corrosion Protection and Interfacial Adhesion Properties of Epoxy Coating and Steel Substrate. Coatings, 2020, 10, 351.	1.2	4
59	Microwave-Assisted Synthesis of Cross-Linked Co-poly(itaconic anhydride-methyl methacrylate): The Effects of the Molar Ratio and Cross-Linking Agent on the Thermal Stability. International Journal of Polymer Science, 2020, 2020, 1-11.	1.2	4
60	Synthesis, structure and biological activity of zinc(II) pincer complexes with 2,4-bis(3,5-dimethyl-1H-pyrazol-1-yl)-6-methoxy-1,3,5-triazine. Inorganica Chimica Acta, 2020, 508, 119627.	1.2	28
61	Carpino's protecting groups, beyond the Boc and the Fmoc. Peptide Science, 2020, 112, e24164.	1.0	7
62	Simple Approaches for the Synthesis of AgNPs in Solution and Solid Phase Using Modified Methoxypolyethylene Glycol and Evaluation of Their Antimicrobial Activity . International Journal of Nanomedicine, 2020, Volume 15, 2353-2362.	3.3	6
63	Multi-Functional Cardanol Triazine Schiff Base Polyimine Additives for Self-Healing and Super-Hydrophobic Epoxy of Steel Coating. Coatings, 2020, 10, 327.	1.2	19
64	OxymaPure Coupling Reagents: Beyond Solid-Phase Peptide Synthesis. Synthesis, 2020, 52, 3189-3210.	1.2	6
65	Synthesis, Characterization of sym-2,4,6-trisubstituted-s-Triazine Derivatives and Their Effects on Flame Retardancy of Polypropylene Composites. Processes, 2020, 8, 581.	1.3	4
66	Synthesis, X-ray structure, Hirshfeld analysis, and DFT studies of a new Pd(II) complex with an anionic s-triazine NNO donor ligand. Journal of Molecular Structure, 2020, 1217, 128463.	1.8	7
67	s-Triazine: A Multidisciplinary and International Journey. Chemistry Proceedings, 2020, 3, .	0.1	0
68	Eco-friendly method for silver nanoparticles immobilized decorated silica: Synthesis & characterization and preliminary antibacterial activity. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 324-331.	2.7	26
69	Î³-Valerolactone (GVL): An eco-friendly anchoring solvent for solid-phase peptide synthesis. Tetrahedron Letters, 2019, 60, 151058.	0.7	19
70	Physico-Chemical and Biological Evaluation of PLCL/SF Nanofibers Loaded with Oregano Essential Oil. Pharmaceutics, 2019, 11, 386.	2.0	35
71	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. Organic Letters, 2019, 21, 7888-7892.	2.4	9
72	A Facile and Eco-Friendly Method for the Synthesis of Sulfonamide and Sulfonate Carboxylic Acid Derivativesâ€"X-ray Structure, Hirshfeld Analysis and Spectroscopic Characterizations. Crystals, 2019, 9, 35.	1.0	10

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73	Green Transformation of Solid-Phase Peptide Synthesis. ACS Sustainable Chemistry and Engineering, 2019, 7, 3671-3683.	3.2	67
74	Bypassing Osmotic Shock Dilemma in a Polystyrene Resin Using the Green Solvent Cyclopentyl methyl Ether (CPME): A Morphological Perspective. Polymers, 2019, 11, 874.	2.0	8
75	Bis-pyrazolyl-s-triazine Ni(II) pincer complexes as selective gram positive antibacterial agents; synthesis, structural and antimicrobial studies. Journal of Molecular Structure, 2019, 1195, 315-322.	1.8	22
76	Optimized Stepwise Synthesis of the API Liraglutide Using BAL Resin and Pseudoprolines. ACS Omega, 2019, 4, 8674-8680.	1.6	8
77	Cu(II)â€promoted cyclization of hydrazonophthalazine to triazolophthalazine; Synthesis and structure diversity of six novel Cu(II)â€triazolophthalazine complexes. Applied Organometallic Chemistry, 2019, 33, e4992.	1.7	3
78	Synthesis, Molecular and Supramolecular Structures of New Cd(II) Pincer-Type Complexes with s-TriazineCore Ligand. Crystals, 2019, 9, 226.	1.0	19
79	Synthesis, X-ray structure, and DFT studies of five- and eight-coordinated Cd(II) complexes with s-triazine N-pincer chelate. Journal of Coordination Chemistry, 2019, 72, 1621-1636.	0.8	19
80	Synthesis, X-Ray Crystal Structures, and Preliminary Antiproliferative Activities of New s-Triazine-hydroxybenzylidene Hydrazone Derivatives. Journal of Chemistry, 2019, 2019, 1-10.	0.9	16
81	Synthesis and structural DFT studies of Ni(II) and Co(II) complexes with s-triazine-based di-compartmental ligand. Polyhedron, 2019, 165, 162-170.	1.0	6
82	Pseudo-Wang Handle for the Preparation of Fully Protected Peptides. Synthesis of Liraglutide by Fragment Condensation. Organic Letters, 2019, 21, 2459-2463.	2.4	11
83	Design and synthesis of mono-and di-pyrazolyl-s-triazine derivatives, their anticancer profile in human cancer cell lines, and in vivo toxicity in zebrafish embryos. Bioorganic Chemistry, 2019, 87, 457-464.	2.0	37
84	Synthesis, molecular structure and DFT studies of two heteroleptic nickel(II) s-triazine pincer type complexes. Journal of Molecular Structure, 2019, 1185, 461-468.	1.8	10
85	A Simple, Efficient, and Eco-Friendly Method for the Preparation of 3-Substituted-2,3-dihydroquinazolin-4(1H)-one Derivatives. Molecules, 2019, 24, 4052.	1.7	3
86	Synthesis, X-ray Crystal Structure and Antimicrobial Activity of Unexpected Trinuclear Cu(II) Complex from s-Triazine-Based Di-Compartmental Ligand via Self-Assembly. Crystals, 2019, 9, 661.	1.0	1
87	Evaluation of clay-ionene nanocomposite carriers for controlled drug delivery: Synthesis, in vitro drug release, and kinetics. Materials Chemistry and Physics, 2019, 225, 122-132.	2.0	42
88	Synthesis and structure diversity of high coordination number Cd(II) complexes of large s-triazine bis-Schiff base pincer chelate. Inorganica Chimica Acta, 2019, 488, 131-140.	1.2	15
89	Efficient Route for Synthesis of Enamines from 1,3-Alkyl-2-Thioxodihydropyrimidine-4,6(1H,5H)-dione Enols. Letters in Organic Chemistry, 2019, 16, 538-540.	0.2	0
90	1,3,5â€Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity. ChemMedChem, 2018, 13, 725-735.	1.6	23

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91	Low temperature X-ray structure analyses combined with NBO studies of a new heteroleptic octa-coordinated Holmium(III) complex with N,N,N-tridentate hydrazono-phthalazine-type ligand. Journal of Molecular Structure, 2018, 1157, 222-229.	1.8	5
92	Two heptacoordinated manganese(II) complexes of giant pentadentate s -triazine bis -Schiff base ligand: Synthesis, crystal structure, biological and DFT studies. Inorganica Chimica Acta, 2018, 479, 275-285.	1.2	21
93	Synthesis of Novel Class of <i>N</i>-Alkyl-isatin-3-iminobenzoic Acid Derivatives and Their Biological Activity in Zebrafish Embryos and Human Cancer Cell Lines. Biological and Pharmaceutical Bulletin, 2018, 41, 350-359.	0.6	13
94	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin. Tetrahedron Letters, 2018, 59, 1779-1782.	0.7	14
95	One pot synthesis of two Mn(II) perchlorate complexes with s -triazine NNN -pincer ligand; molecular structure, Hirshfeld analysis and DFT studies. Journal of Molecular Structure, 2018, 1164, 344-353.	1.8	23
96	A new triazoloquinoxaline ligand and its polymeric 1D silver(i) complex: synthesis, structure, and antimicrobial activity. New Journal of Chemistry, 2018, 42, 7197-7205.	1.4	1
97	Nâ€methylation in amino acids and peptides: Scope and limitations. Biopolymers, 2018, 109, e23110.	1.2	41
98	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study. Bioorganic and Medicinal Chemistry, 2018, 26, 2788-2796.	1.4	40
99	Crystal structure, spectroscopic studies and theoretical studies of thiobarbituric acid derivatives: understanding the hydrogen-bonding patterns. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1703-1714.	0.2	4
100	Greening the Solid-Phase Peptide Synthesis Process. 2-MeTHF for the Incorporation of the First Amino Acid and Precipitation of Peptides after Global Deprotection. Organic Process Research and Development, 2018, 22, 1809-1816.	1.3	33
101	Microwave Irradiation Assists the Synthesis of a Novel Series of bis-Arm s-Triazine Oxy-Schiff Base and Oxybenzylidene Barbiturate Derivatives. Molecules, 2018, 23, 2976.	1.7	2
102	Bacteria Hunt Bacteria through an Intriguing Cyclic Peptide. ChemMedChem, 2018, 14, 24-51.	1.6	7
103	Exploring the Orthogonal Chemoselectivity of 2,4,6-Trichloro-1,3,5-Triazine (TCT) as a Trifunctional Linker With Different Nucleophiles: Rules of the Game. Frontiers in Chemistry, 2018, 6, 516.	1.8	30
104	Modified triazine decorated with Fe 3 O 4 and Ag/Ag 2 O nanoparticles for self-healing of steel epoxy coatings in seawater. Progress in Organic Coatings, 2018, 121, 247-262.	1.9	21
105	Synthesis and characterization of novel dimerics-triazine derivatives as potential anti-bacterial agents against MDR clinical isolates. New Journal of Chemistry, 2018, 42, 10676-10688.	1.4	22
106	Synthesis, characterization, and structural studies of two heteroleptic Mn(II) complexes with tridentate N,N,N-pincer type ligand. Journal of Coordination Chemistry, 2018, 71, 2373-2388.	0.8	22
107	Synthesis, Characterization, and Antimicrobial Studies of Novel Series of 2,4-Bis(hydrazino)-6-substituted-1,3,5-triazine and Their Schiff Base Derivatives. Journal of Chemistry, 2018, 2018, 1-13.	0.9	9
108	Silver-embedded epoxy nanocomposites as organic coatings for steel. Progress in Organic Coatings, 2018, 123, 209-222.	1.9	24

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109	Formation of N^{Î±}-terminal 2-dialkyl amino oxazoles from guanidinated derivatives under mild conditions. Organic and Biomolecular Chemistry, 2018, 16, 5661-5666.	1.5	3
110	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. ChemMedChem, 2018, 13, 1923-1930.	1.6	12
111	Choosing the Right Coupling Reagent for Peptides: A Twenty-Five-Year Journey. Organic Process Research and Development, 2018, 22, 760-772.	1.3	108
112	Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33.	0.2	2
113	Physico-chemical and sensory characteristics of steviolbioside synthesized from stevioside and its application in fruit drinks and food. Journal of Food Science and Technology, 2017, 54, 185-195.	1.4	7
114	Study of antileishmanial activity of 2-aminobenzoyl amino acid hydrazides and their quinazoline derivatives. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 918-921.	1.0	18
115	Green Solid-Phase Peptide Synthesis (GSPPS) 3. Green Solvents for Fmoc Removal in Peptide Chemistry. Organic Process Research and Development, 2017, 21, 365-369.	1.3	52
116	Tetrahydropyranyl: A Nonâ€aromatic, Mildâ€Acidâ€Labile Group for Hydroxyl Protection in Solidâ€Phase Peptide Synthesis. ChemistryOpen, 2017, 6, 206-210.	0.9	4
117	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. ChemistryOpen, 2017, 6, 168-177.	0.9	15
118	Crystal structure of Nâ€²-(2-phenylacetyl)thiophene-2-carbohydrazide monohydrate, C₁₃H₁₄N₂O₃S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 69-71.	0.1	1
119	Synthesis, characterization and evaluation of 1,3,5-triazine aminobenzoic acid derivatives for their antimicrobial activity. Chemistry Central Journal, 2017, 11, 39.	2.6	28
120	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. Journal of Molecular Structure, 2017, 1145, 244-253.	1.8	45
121	Synthesis, X-ray crystal structure and DFT studies of two octahedral cobalt(II) complexes with N,N,N-tridentate triazine-type ligand. Journal of Coordination Chemistry, 2017, 70, 2261-2279.	0.8	5
122	Synthesis, structural and biological studies of two new Co(III) complexes with tridentate hydrazone ligand derived from the antihypertensive drug hydralazine. Inorganica Chimica Acta, 2017, 466, 16-29.	1.2	19
123	Crystal structure of (E)-1-(2-(thiophen-2-ylmethylene)hydrazinyl)phthalazine hydrochlorideâ€“ethanol (1/1), C₁₅H₁₇ClN₄OS. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 95-97.	0.1	0
124	Synthesis, crystallographic characterization, DFT and TD-DFT studies of Oxyma-sulfonate esters. Journal of Chemical Sciences, 2017, 129, 1469-1481.	0.7	3
125	Reâ€evaluating the stability of COMU in different solvents. Journal of Peptide Science, 2017, 23, 763-768.	0.8	18
126	Converting Teixobactin into a Cationic Antimicrobial Peptide (AMP). Journal of Medicinal Chemistry, 2017, 60, 7476-7482.	2.9	42

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127	Fmoc-Amox, A Suitable Reagent for the Introduction of Fmoc. Organic Process Research and Development, 2017, 21, 1533-1541.	1.3	3
128	1,3,5-Triazine-based polymer: synthesis, characterization and application for immobilization of silver nanoparticles. Journal of Polymer Research, 2017, 24, 1.	1.2	16
129	Green solid-phase peptide synthesis 4. Î³-Valerolactone and N -formylmorpholine as green solvents for solid phase peptide synthesis. Tetrahedron Letters, 2017, 58, 2986-2988.	0.7	61
130	Crystal structure of 1-methyl-3-[((naphthalen-2-ylsulfonyl)oxy)imino]indolin-2-one, C₁₉H₁₄N₂O₄S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 55-57.	0.1	0
131	Investigation of the N-Terminus Amino Function of Arg10-Teixobactin. Molecules, 2017, 22, 1632.	1.7	20
132	Structure-Activity Relationship of Arg10-Teixobactin: A Recently Discovered Antimicrobial Peptide. Proceedings (mdpi), 2017, 1, .	0.2	0
133	Synthesis, Characterization, and Tautomerism of 1,3-Dimethyl Pyrimidine-2,4,6-Trione s-Triazinyl Hydrazine/Hydrazone Derivatives. Journal of Chemistry, 2017, 2017, 1-10.	0.9	7
134	Synthesis, Crystal Structure and Hirshfeld Topology Analysis of Polymeric Silver(I) Complex with s-Triazine-Type Ligand. Crystals, 2017, 7, 160.	1.0	1
135	Synthesis, Crystal Structure and DFT Studies of 1,3-Dimethyl-5-propionylpyrimidine-2,4,6(1H,3H,5H)-trione. Crystals, 2017, 7, 31.	1.0	6
136	Ultrasonic Irradiation: Synthesis, Characterization, and Preliminary Antimicrobial Activity of Novel Series of 4,6-Disubstituted-1,3,5-triazine Containing Hydrazone Derivatives. Journal of Chemistry, 2016, 2016, 1-9.	0.9	12
137	sym-Trisubstituted 1,3,5-Triazine Derivatives as Promising Organic Corrosion Inhibitors for Steel in Acidic Solution. Molecules, 2016, 21, 436.	1.7	27
138	Hydrazino-methoxy-1,3,5-triazine Derivativesâ€™ Excellent Corrosion Organic Inhibitors of Steel in Acidic Chloride Solution. Molecules, 2016, 21, 714.	1.7	23
139	Ultrasonic promoted synthesis of novel s -triazine-Schiff base derivatives; molecular structure, spectroscopic studies and their preliminary anti-proliferative activities. Journal of Molecular Structure, 2016, 1125, 121-135.	1.8	41
140	Lysine Scanning of Arg₁₀â€“Teixobactin: Deciphering the Role of Hydrophobic and Hydrophilic Residues. ACS Omega, 2016, 1, 1262-1265.	1.6	51
141	Wound healing of different molecular weight of hyaluronan; in-vivo study. International Journal of Biological Macromolecules, 2016, 89, 582-591.	3.6	56
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