

Anamika Sharma

List of Publications by Year in descending order

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38
papers

464
citations

777949

13
h-index

843174

20
g-index

38
all docs

38
docs citations

38
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> Fmoc removal – a sustainable solid-phase peptide synthesis approach. <i>Green Chemistry</i> , 2022, 24, 4887-4896.	4.6	6
2	1,3,5-Triazine as core for the preparation of dendrons. <i>Arkivoc</i> , 2021, 2020, 64-73.	0.3	2
3	The Antiproliferative and Apoptotic Effect of a Novel Synthesized S-Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. <i>Molecules</i> , 2021, 26, 1170.	1.7	7
4	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. <i>Molecules</i> , 2021, 26, 864.	1.7	31
5	Synthesis, crystal structure, spectroscopic and photophysical studies of novel fluorinated quinazoline derivatives. <i>Journal of Molecular Structure</i> , 2021, 1231, 129951.	1.8	1
6	Exploiting azido-dichloro-triazine as a linker for regioselective incorporation of peptides through their N, O, S functional groups. <i>Bioorganic Chemistry</i> , 2020, 104, 104334.	2.0	3
7	Disulfide-Based Protecting Groups for the Cysteine Side Chain. <i>Organic Letters</i> , 2020, 22, 9644-9647.	2.4	10
8	Novel 4,6-Disubstituted s-Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 237.	1.5	8
9	Insights into the chemistry of the amphibactin–metal (M ³⁺) interaction and its role in antibiotic resistance. <i>Scientific Reports</i> , 2020, 10, 21049.	1.6	3
10	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. <i>MethodsX</i> , 2020, 7, 100825.	0.7	2
11	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their α -glucosidase inhibitory and anti-glycation activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 692-701.	2.5	17
12	Breaking a Couple: Disulfide Reducing Agents. <i>ChemBioChem</i> , 2020, 21, 1947-1954.	1.3	39
13	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. <i>Crystals</i> , 2020, 10, 442.	1.0	2
14	Barbiturate- and Thiobarbiturate-Based s-Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. <i>ACS Omega</i> , 2020, 5, 15805-15811.	1.6	21
15	Phenol as a Modulator in the Chemical Reactivity of 2,4,6-Trichloro-1,3,5-triazine: Rules of the Game II. <i>Australian Journal of Chemistry</i> , 2020, 73, 352.	0.5	5
16	s-Triazine: A Multidisciplinary and International Journey. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	0
17	Scope and Limitations of γ -Valerolactone (GVL) as a Green Solvent to be Used with Base for Fmoc Removal in Solid Phase Peptide Synthesis. <i>Molecules</i> , 2019, 24, 4004.	1.7	20
18	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. <i>Organic Letters</i> , 2019, 21, 7888-7892.	2.4	9

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19	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. <i>Bioorganic Chemistry</i> , 2019, 87, 457-464.	2.0	37
20	2-(Dibenzylamino)butane-1,4-dithiol (DABDT), a Friendly Disulfide-Reducing Reagent Compatible with a Broad Range of Solvents. <i>Organic Letters</i> , 2019, 21, 10111-10114.	2.4	7
21	OctaGel Resin - A New PEG-PS-based Solid Support for Solid-Phase Peptide Synthesis. <i>Letters in Organic Chemistry</i> , 2019, 16, 935-940.	0.2	4
22	Efficient Route for Synthesis of Enamines from 1,3-Alkyl-2-Thioxodihydropyrimidine-4,6(1H,5H)-dione Enols. <i>Letters in Organic Chemistry</i> , 2019, 16, 538-540.	0.2	0
23	N-methylation in amino acids and peptides: Scope and limitations. <i>Biopolymers</i> , 2018, 109, e23110.	1.2	41
24	Crystal structure, spectroscopic studies and theoretical studies of thiobarbituric acid derivatives: understanding the hydrogen-bonding patterns. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1703-1714.	0.2	4
25	Perfluorophenyl Derivatives as Unsymmetrical Linkers for Solid Phase Conjugation. <i>Frontiers in Chemistry</i> , 2018, 6, 589.	1.8	5
26	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. <i>Frontiers in Chemistry</i> , 2018, 6, 516.	1.8	30
27	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. <i>ChemMedChem</i> , 2018, 13, 1923-1930.	1.6	12
28	Tetrahydropyranyl: A Non-aromatic, Mildly Acid-Labile Group for Hydroxyl Protection in Solid-Phase Peptide Synthesis. <i>ChemistryOpen</i> , 2017, 6, 206-210.	0.9	4
29	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. <i>ChemistryOpen</i> , 2017, 6, 168-177.	0.9	15
30	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. <i>Journal of Molecular Structure</i> , 2017, 1145, 244-253.	1.8	45
31	Fmoc-Amox, A Suitable Reagent for the Introduction of Fmoc. <i>Organic Process Research and Development</i> , 2017, 21, 1533-1541.	1.3	3
32	Synthesis, Characterization, and Tautomerism of 1,3-Dimethyl Pyrimidine-2,4,6-Trione s-Triazinyl Hydrazine/Hydrazone Derivatives. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	0.9	7
33	Dual Inhibition of AChE and BChE with the C-5 Substituted Derivative of Meldrum's Acid: Synthesis, Structure Elucidation, and Molecular Docking Studies. <i>Crystals</i> , 2017, 7, 211.	1.0	18
34	Synthesis, Crystal Structure and DFT Studies of 1,3-Dimethyl-5-propionylpyrimidine-2,4,6(1H,3H,5H)-trione. <i>Crystals</i> , 2017, 7, 31.	1.0	6
35	Implications of N-capped urea/thiourea and C-capped 3-(1-piperazinyl)-1,2-benzisothiazole with bridging Gly-Val/Phe-Gly-Val-Pro as therapeutic targets. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 657-661.	2.6	3
36	tert-Butyl 1,5-bis(4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)-1,5-dioxopentan-2-ylcarbamate urea/thiourea derivatives as potent H ⁺ /K ⁺ -ATPase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4096-4098.	1.0	18

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37	Ureas/Thioureas of Benzo[<i>d</i>]isothiazole Analog Conjugated Glutamic Acid: Synthesis and Biological Evaluation. <i>Archiv Der Pharmazie</i> , 2013, 346, 359-366.	2.1	15
38	Novel urea and thiourea derivatives of thiazole-glutamic acid conjugate as potential inhibitors of microbes and fungi. <i>Russian Journal of Bioorganic Chemistry</i> , 2013, 39, 656-664.	0.3	4