# Aliya Ibrar

List of Publications by Year
in descending order



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|---|---|---|---|
| 42 papers | 1,822 citations | 331670 21 h-index | 265206 42 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 2206 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent advances in the structural library of functionalized quinazoline and quinazolinone scaffolds: Synthetic approaches and multifarious applications. European Journal of Medicinal Chemistry, 2014, 76, 193-244. | 5.5 | 370 |
| 2 | Synthetic approaches, functionalization and therapeutic potential of quinazoline and quinazolinone skeletons: The advances continue. European Journal of Medicinal Chemistry, 2015, 90, 124-169. | 5.5 | 317 |
| 3 | Synthesis, crystal structure and biological evaluation of some novel 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazoles and 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazines. European Journal of Medicinal Chemistry, 2014, 78, 167-177. | 5.5 | 86 |
| 4 | Triazolothiadiazoles and triazolothiadiazines â€“ Biologically attractive scaffolds. European Journal of Medicinal Chemistry, 2013, 63, 854-868. | 5.5 | 77 |
| 5 | Structurally Diversified Heterocycles and Related Privileged Scaffolds as Potential Urease Inhibitors: A Brief Overview. Archiv Der Pharmazie, 2013, 346, 423-446. | 4.1 | 75 |
| 6 | Transition-metal-free synthesis of oxazoles: valuable structural fragments in drug discovery. RSC Advances, 2016, 6, 93016-93047. | 3.6 | 73 |
| 7 | Developing hybrid molecule therapeutics for diverse enzyme inhibitory action: Active role of coumarin-based structural leads in drug discovery. Bioorganic and Medicinal Chemistry, 2018, 26, 3731-3762. | 3.0 | 63 |
| 8 | Oxadiazoles as Privileged Motifs for Promising Anticancer Leads: Recent Advances and Future Prospects. Archiv Der Pharmazie, 2014, 347, 1-20. | 4.1 | 58 |
| 9 | Active compounds from a diverse library of triazolothiadiazole and triazolothiadiazine scaffolds: Synthesis, crystal structure determination, cytotoxicity, cholinesterase inhibitory activity, and binding mode analysis. Bioorganic and Medicinal Chemistry, 2014, 22, 6163-6173. | 3.0 | 54 |
| 10 | A new entry into the portfolio of Î±-glucosidase inhibitors as potent therapeutics for type 2 diabetes: Design, bioevaluation and one-pot multi-component synthesis of diamine-bridged coumarinyl oxadiazole conjugates. Bioorganic Chemistry, 2018, 77, 190-202. | 4.1 | 48 |
| 11 | Coumarin-thiazole and -oxadiazole derivatives: Synthesis, bioactivity and docking studies for aldose/aldehyde reductase inhibitors. Bioorganic Chemistry, 2016, 68, 177-186. | 4.1 | 46 |
| 12 | Exploration of a library of triazolothiadiazole and triazolothiadiazine compounds as a highly potent and selective family of cholinesterase and monoamine oxidase inhibitors: design, synthesis, X-ray diffraction analysis and molecular docking studies. RSC Advances, 2015, 5, 21249-21267. | 3.6 | 45 |
| 13 | New frontiers in the transition-metal-free synthesis of heterocycles from alkynoates: an overview and current status. Organic Chemistry Frontiers, 2020, 7, 3734-3791. | 4.5 | 43 |
| 14 | Facile and expedient access to bis-coumarinâ€“iminothiazole hybrids by molecular hybridization approach: synthesis, molecular modelling and assessment of alkaline phosphatase inhibition, anticancer and antileishmanial potential. RSC Advances, 2015, 5, 89919-89931. | 3.6 | 42 |
| 15 | Investigation of quinoline-4-carboxylic acid as a highly potent scaffold for the development of alkaline phosphatase inhibitors: synthesis, SAR analysis and molecular modelling studies. RSC Advances, 2015, 5, 64404-64413. | 3.6 | 32 |
| 16 | Exploring biological efficacy of coumarin clubbed thiazolo[3,2â€“b][1,2,4]triazoles as efficient inhibitors of urease: A biochemical and in silico approach. International Journal of Biological Macromolecules, 2020, 142, 345-354. | 7.5 | 31 |
| 17 | Utilization of the common functional groups in bioactive molecules: Exploring dual inhibitory potential and computational analysis of keto esters against Î±-glucosidase and carbonic anhydrase-II enzymes. International Journal of Biological Macromolecules, 2021, 167, 233-244. | 7.5 | 30 |
| 18 | Unraveling the Alkaline Phosphatase Inhibition, Anticancer, and Antileishmanial Potential of Coumarinâ€“Triazolothiadiazine Hybrids: Design, Synthesis, and Molecular Docking Analysis. Archiv Der Pharmazie, 2016, 349, 553-565. | 4.1 | 29 |

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|---|---|---|---|
| 19 | Developing new hybrid scaffold for urease inhibition based on carbazole-chalcone conjugates: Synthesis, assessment of therapeutic potential and computational docking analysis. Bioorganic and Medicinal Chemistry, 2019, 27, 115123. | 3.0 | 28 |
| 20 | Hybrid Quinoline-Thiosemicarbazone Therapeutics as a New Treatment Opportunity for Alzheimerâ€™s Diseaseâ€'Synthesis, In Vitro Cholinesterase Inhibitory Potential and Computational Modeling Analysis. Molecules, 2021, 26, 6573. | 3.8 | 24 |
| 21 | Influence of the diversified structural variations at the imine functionality of 4-bromophenylacetic acid derived hydrazones on alkaline phosphatase inhibition: synthesis and molecular modelling studies. RSC Advances, 2015, 5, 90806-90818. | 3.6 | 23 |
| 22 | One-pot access to a privileged library of six membered nitrogenous heterocycles through multi-component cascade approach. Research on Chemical Intermediates, 2016, 42, 5147-5196. | 2.7 | 22 |
| 23 | Facile synthesis of Zn-doped CdS nanowires with efficient photocatalytic performance. Environmental Technology (United Kingdom), 2022, 43, 1783-1790. | 2.2 | 20 |
| 24 | Complex electronic interplay of Ïƒ-hole and Ï€-hole interactions in crystals of halogen substituted 1,3,4-oxadiazol-2(3H)-thiones. CrystEngComm, 2017, 19, 3485-3498. | 2.6 | 18 |
| 25 | Exploration of aroyl/heteroaroyl iminothiazolines featuring 2,4,5-trichlorophenyl moiety as a new class of potent, selective, and in vitro efficacious glucosidase inhibitors. Bioorganic Chemistry, 2017, 74, 134-144. | 4.1 | 18 |
| 26 | Symmetrical aryl linked bis-iminothiazolidinones as new chemical entities for the inhibition of monoamine oxidases: Synthesis, in vitro biological evaluation and molecular modelling analysis. Bioorganic Chemistry, 2017, 70, 17-26. | 4.1 | 17 |
| 27 | Robust therapeutic potential of carbazole-triazine hybrids as a new class of urease inhibitors: A distinctive combination of nitrogen-containing heterocycles. Bioorganic Chemistry, 2020, 95, 103479. | 4.1 | 17 |
| 28 | Alkynoates as Versatile and Powerful Chemical Tools for the Rapid Assembly of Diverse Heterocycles under Transition-Metal Catalysis: Recent Developments and Challenges. Topics in Current Chemistry, 2021, 379, 3. | 5.8 | 16 |
| 29 | Quinolinic Carboxylic Acid Derivatives as Potential Multi-target Compounds for Neurodegeneration: Monoamine Oxidase and Cholinesterase Inhibition. Medicinal Chemistry, 2018, 14, 74-85. | 1.5 | 15 |
| 30 | A combined experimental and theoretical analysis of the solid-state supramolecular self-assembly of N-(2,4-dichlorophenyl)-1-naphthamide: Synthesis, anticholinesterase potential and molecular docking analysis. Journal of Molecular Structure, 2019, 1197, 458-470. | 3.6 | 15 |
| 31 | Similarities and differences in the crystal packing of methoxybenzyl and methoxyphenylethyl-1,3,4-oxadiazole-2(3H)-thiones. CrystEngComm, 2014, 16, 164-174. | 2.6 | 10 |
| 32 | Deposition of bismuth sulfide and aluminum doped bismuth sulfide thin films for photovoltaic applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 42-53. | 2.2 | 10 |
| 33 | Synthesis of Some New 3-(5-(Arylamino)-1,3,4-thiadiazol-2-yl)-2H-chromen-2-ones and 3-(4-Aryl-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-YL)-2H-chromen-2-ones. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1801-1810. | 1.6 | 8 |
| 34 | Rapid Synthesis of Gold Nanoparticles from Quercus incana and Their Antimicrobial Potential against Human Pathogens. Applied Sciences (Switzerland), 2017, 7, 29. | 2.5 | 8 |
| 35 | Facile synthesis of zinc oxide nanostructures and their antibacterial and antioxidant properties. International Nano Letters, 2022, 12, 205-213. | 5.0 | 8 |
| 36 | Ethyl 2,6-Dimethoxybenzoate: Synthesis, Spectroscopic and X-ray Crystallographic Analysis. Crystals, 2012, 2, 521-527. | 2.2 | 6 |

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|---|---|---|---|
| 37 | Investigation of solid state architectures in tetrazolyl tryptophol stabilized by crucial aromatic interactions and hydrogen bonding: Experimental and theoretical analysis. Journal of Molecular Structure, 2022, 1262, 133079. | 3.6 | 6 |
| 38 | Expanding the Alkaline Phosphatase Inhibition, Cytotoxic and Proapoptotic Profile of Biscoumarinâ€•minothiazole and Coumarinâ€•Triazolothiadiazine Conjugates. ChemistrySelect, 2018, 3, 13377-13386. | 1.5 | 5 |
| 39 | Kinetic and Isothermal Studies on the Adsorptive Removal of Direct Yellow 12 Dye from Wastewater Using Propionic Acid Treated Bagasse. ChemistrySelect, 2021, 6, 12146-12152. | 1.5 | 4 |
| 40 | Antiproliferative and Pro-Apoptotic Effects of Thiazolo[3,2â€“b][1,2,4]triazoles in Breast and Cervical Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 2181-2191. | 1.7 | 3 |
| 41 | New Nâ€(Aryl)â€5â€((quinolinâ€8â€yloxy)methyl)â€1,3,4â€oxa/Thiadiazolâ€2â€amines and 4â€Arylâ€5â€((quinolinâ€8â€yloxy)methyl)â€2Hâ€1,2,4â€triazoleâ€3(4H)â€thiones, Synthesis and Characterization. Journal of Heterocyclic Chemistry, 2014, 51, 1357-1362. | 2.6 | 1 |
| 42 | Crystal structure of 2-(4-chlorophenyl)-2-oxoethyl 3-bromobenzoate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 301-304. | 0.2 | 1 |