# Balaram Ghosh

List of Publications by Year
in descending order

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|---|---|---|---|
| 109 papers | 4,429 citations | 126907 33 h-index | 123424 61 g-index |
| 111 all docs | 111 docs citations | 111 times ranked | 6453 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nanocarriers for cancer-targeted drug delivery. Journal of Drug Targeting, 2016, 24, 179-191. | 4.4 | 423 |
| 2 | Recent advances in polymeric micelles for anti-cancer drug delivery. European Journal of Pharmaceutical Sciences, 2016, 83, 184-202. | 4.0 | 392 |
| 3 | Polymeric micelles in cancer therapy: State of the art. Journal of Controlled Release, 2021, 332, 127-147. | 9.9 | 268 |
| 4 | Current trends in using polymer coated gold nanoparticles for cancer therapy. International Journal of Pharmaceutics, 2015, 484, 252-267. | 5.2 | 215 |
| 5 | Histone deacetylase 3 as a novel therapeutic target in multiple myeloma. Leukemia, 2014, 28, 680-689. | 7.2 | 128 |
| 6 | HDAC6 as privileged target in drug discovery: A perspective. Pharmacological Research, 2021, 163, 105274. | 7.1 | 115 |
| 7 | Probing the photo- and electro-catalytic degradation mechanism of methylene blue dye over ZIF-derived ZnO. Journal of Hazardous Materials, 2019, 373, 377-388. | 12.4 | 113 |
| 8 | Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. Neuropharmacology, 2013, 64, 81-96. | 4.1 | 87 |
| 9 | Suppression of cell proliferation, induction of apoptosis and cell cycle arrest: Chemopreventive activity of vanadiumin vivo andin vitro. International Journal of Cancer, 2007, 120, 13-23. | 5.1 | 85 |
| 10 | Synapse microarray identification of small molecules that enhance synaptogenesis. Nature Communications, 2011, 2, 510. | 12.8 | 84 |
| 11 | Short-Chain HDAC Inhibitors Differentially Affect Vertebrate Development and Neuronal Chromatin. ACS Medicinal Chemistry Letters, 2011, 2, 39-42. | 2.8 | 81 |
| 12 | Monoalkoxy BODIPYsâ€"A Fluorophore Class for Bioimaging. Bioconjugate Chemistry, 2014, 25, 1043-1051. | 3.6 | 75 |
| 13 | Light-controlled modulation of gene expression by chemical optoepigenetic probes. Nature Chemical Biology, 2016, 12, 317-323. | 8.0 | 74 |
| 14 | Cholesterol-conjugated poly(D, L-lactide)-based micelles as a nanocarrier system for effective delivery of curcumin in cancer therapy. Drug Delivery, 2017, 24, 209-223. | 5.7 | 69 |
| 15 | Cholesterol-grafted chitosan micelles as a nanocarrier system for drug-siRNA co-delivery to the lung cancer cells. International Journal of Biological Macromolecules, 2018, 118, 857-863. | 7.5 | 68 |
| 16 | Isolated flavonoids from Ficus racemosa stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats. Journal of Ethnopharmacology, 2016, 181, 252-262. | 4.1 | 62 |
| 17 | Biotin functionalized PEGylated poly(amidoamine) dendrimer conjugate for active targeting of paclitaxel in cancer. International Journal of Pharmaceutics, 2019, 557, 329-341. | 5.2 | 62 |
| 18 | Discovery of 4-(4-(2-((5-Hydroxy-1,2,3,4-tetrahydronaphthalen-2-yl)(propyl)amino)ethyl)piperazin-1-yl)quinolin-8-ol and Its Analogues as Highly Potent Dopamine D2/D3 Agonists and as Iron Chelator: In Vivo Activity Indicates Potential Application in Symptomatic and Neuroprotective Therapy for Parkinsonâ€™s Disease. Journal of Medicinal Chemistry, 2010, 53, 2114-2125. | 6.4 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of (S)-N<sup>6</sup>-(2-(4-(Isoquinolin-1-yl)piperazin-1-yl)ethyl)-N<sup>6</sup>-propyl-4,5,6,7-tetrahydrobenzo[ and Its Analogue as a D3 Receptor Preferring Agonist: Potent in Vivo Activity in Parkinsonâ€™s Disease Animal Models. Journal of Medicinal Chemistry, 2010, 53, 1023-1037. | 6.4 | 58 |
| 20 | Curcumin Delivery by Poly(Lactide)-Based Co-Polymeric Micelles: An In Vitro Anticancer Study. Pharmaceutical Research, 2016, 33, 826-841. | 3.5 | 57 |
| 21 | Formulation optimization, characterization, and evaluation of in vitro cytotoxic potential of curcumin loaded solid lipid nanoparticles for improved anticancer activity. Chemistry and Physics of Lipids, 2017, 208, 10-18. | 3.2 | 51 |
| 22 | HDAC3 is a potential validated target for cancer: An overview on the benzamide-based selective HDAC3 inhibitors through comparative SAR/QSAR/QAAR approaches. European Journal of Medicinal Chemistry, 2018, 157, 1127-1142. | 5.5 | 48 |
| 23 | Bioisosteric Heterocyclic Versions of 7-{[2-(4-Phenyl-piperazin-1-yl)ethyl]propylamino}-5,6,7,8-tetrahydronaphthalen-2-ol: Identification of Highly Potent and Selective Agonists for Dopamine D3 Receptor with Potent in Vivo Activity. Journal of Medicinal Chemistry, 2008, 51, 3005-3019. | 6.4 | 47 |
| 24 | Further Structureâ€“Activity Relationships Study of Hybrid 7-{[2-(4-Phenylpiperazin-1-yl)ethyl]propylamino}-5,6,7,8-tetrahydronaphthalen-2-ol Analogues: Identification of a High-Affinity D3-Preferring Agonist with Potent in Vivo Activity with Long Duration of Action. Journal of Medicinal Chemistry, 2008, 51, 101-117. | 6.4 | 46 |
| 25 | Transferrin-anchored poly(lactide) based micelles to improve anticancer activity of curcumin in hepatic and cervical cancer cell monolayers and 3D spheroids. International Journal of Biological Macromolecules, 2018, 116, 1196-1213. | 7.5 | 43 |
| 26 | Oxaliplatin delivery via chitosan/vitamin E conjugate micelles for improved efficacy and MDR-reversal in breast cancer. Carbohydrate Polymers, 2022, 282, 119108. | 10.2 | 42 |
| 27 | <scp>d</scp>-Î±-Tocopheryl Succinate/Phosphatidyl Ethanolamine Conjugated Amphiphilic Polymer-Based Nanomicellar System for the Efficient Delivery of Curcumin and To Overcome Multiple Drug Resistance in Cancer. ACS Applied Materials & Interfaces, 2017, 9, 16778-16792. | 8.0 | 41 |
| 28 | Design, synthesis and biological screening of 2-aminobenzamides as selective HDAC3 inhibitors with promising anticancer effects. European Journal of Pharmaceutical Sciences, 2018, 124, 165-181. | 4.0 | 41 |
| 29 | Xanthan gum stabilized PEGylated gold nanoparticles for improved delivery of curcumin in cancer. Nanotechnology, 2016, 27, 325101. | 2.6 | 40 |
| 30 | Structure-activity relationship of human carbonic anhydrase-II inhibitors: Detailed insight for future development as anti-glaucoma agents. Bioorganic Chemistry, 2020, 95, 103557. | 4.1 | 40 |
| 31 | Small molecule drug conjugates (SMDCs): an emerging strategy for anticancer drug design and discovery. New Journal of Chemistry, 2021, 45, 5291-5321. | 2.8 | 39 |
| 32 | Curcumin-loaded chitosanâ€“cholesterol micelles: evaluation in monolayers and 3D cancer spheroid model. Nanomedicine, 2017, 12, 1435-1453. | 3.3 | 38 |
| 33 | Î±-Tocopherol Succinate-Anchored PEGylated Poly(amidoamine) Dendrimer for the Delivery of Paclitaxel: Assessment of in Vitro and in Vivo Therapeutic Efficacy. Molecular Pharmaceutics, 2019, 16, 1541-1554. | 4.6 | 35 |
| 34 | Design, synthesis, biological evaluation and molecular docking study of arylcarboxamido piperidine and piperazine-based hydroxamates as potential HDAC8 inhibitors with promising anticancer activity. European Journal of Pharmaceutical Sciences, 2019, 138, 105046. | 4.0 | 32 |
| 35 | Enhanced intestinal stability and pH sensitive release of quercetin in GIT through gellan gum hydrogels. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111341. | 5.0 | 32 |
| 36 | Synthesis, screening and quantitative structureâ€“activity relationship (QSAR) studies of some glutamine analogues for possible anticancer activity. Bioorganic and Medicinal Chemistry, 2002, 10, 2119-2131. | 3.0 | 31 |

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|---|---|---|---|
| 37 | Octa-arginine modified poly(amidoamine) dendrimers for improved delivery and cytotoxic effect of paclitaxel in cancer. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 847-859. | 2.8 | 31 |
| 38 | Cell-Penetrating Peptide and Î±-Tocopherol-Conjugated Poly(amidoamine) Dendrimers for Improved Delivery and Anticancer Activity of Loaded Paclitaxel. ACS Applied Bio Materials, 2020, 3, 3157-3169. | 4.6 | 31 |
| 39 | Oleanolic acid-conjugated human serum albumin nanoparticles encapsulating doxorubicin as synergistic combination chemotherapy in oropharyngeal carcinoma and melanoma. International Journal of Pharmaceutics, 2022, 614, 121479. | 5.2 | 30 |
| 40 | Vanadium, a Versatile Biochemical Effector in Chemical Rat Mammary Carcinogenesis. Nutrition and Cancer, 2005, 51, 184-196. | 2.0 | 29 |
| 41 | Development of chlorin e6-conjugated poly(ethylene glycol)-poly(<scp>d</scp>,<scp>l</scp>-lactide) nanoparticles for photodynamic therapy. Nanomedicine, 2019, 14, 819-834. | 3.3 | 29 |
| 42 | PEGylated N-(2 hydroxypropyl) methacrylamide-doxorubicin conjugate as pH-responsive polymeric nanoparticles for cancer therapy. Reactive and Functional Polymers, 2020, 151, 104561. | 4.1 | 29 |
| 43 | Dissecting Histone Deacetylase 3 in Multiple Disease Conditions: Selective Inhibition as a Promising Therapeutic Strategy. Journal of Medicinal Chemistry, 2021, 64, 8827-8869. | 6.4 | 29 |
| 44 | Synthesis and anti-cancer activity of 1,4-disubstituted imidazo[4,5-c]quinolines. Organic and Biomolecular Chemistry, 2016, 14, 876-883. | 2.8 | 28 |
| 45 | Development of Curcumin-Loaded Solid Lipid Nanoparticles Utilizing Glyceryl Monostearate as Single Lipid Using QbD Approach: Characterization and Evaluation of Anticancer Activity Against Human Breast Cancer Cell Line. Current Drug Delivery, 2018, 15, 1271-1283. | 1.6 | 28 |
| 46 | Design, synthesis and biological evaluation of 2-(3,4-dimethoxyphenyl)-6 (1,2,3,6-tetrahydropyridin-4-yl)imidazo[1,2-a]pyridine analogues as antiproliferative agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2551-2558. | 2.2 | 27 |
| 47 | Chlorin e6 Conjugated Methoxy-Poly(Ethylene Glycol)-Poly(D,L-Lactide) Glutathione Sensitive Micelles for Photodynamic Therapy. Pharmaceutical Research, 2020, 37, 18. | 3.5 | 27 |
| 48 | Dissecting structureâ€“activity-relationships of crebinostat: Brain penetrant HDAC inhibitors for neuroepigenetic regulation. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1265-1271. | 2.2 | 26 |
| 49 | Polylactide-Based Block Copolymeric Micelles Loaded with Chlorin e6 for Photodynamic Therapy: In Vitro Evaluation in Monolayer and 3D Spheroid Models. Molecular Pharmaceutics, 2017, 14, 3789-3800. | 4.6 | 26 |
| 50 | Deciphering the biochemical and molecular mechanism underlying the in vitro and in vivo chemotherapeutic efficacy of ruthenium quercetin complex in colon cancer. Molecular Carcinogenesis, 2018, 57, 700-721. | 2.7 | 26 |
| 51 | Histone deacetylase 3 inhibitors in learning and memory processes with special emphasis on benzamides. European Journal of Medicinal Chemistry, 2019, 166, 369-380. | 5.5 | 26 |
| 52 | Discovery of 1,2,3-triazole based quinoxaline-1,4-di-N-oxide derivatives as potential anti-tubercular agents. Bioorganic Chemistry, 2020, 100, 103955. | 4.1 | 26 |
| 53 | Class I Histone Deacetylase Inhibition by Tianeptinaline Modulates Neuroplasticity and Enhances Memory. ACS Chemical Neuroscience, 2018, 9, 2262-2273. | 3.5 | 25 |
| 54 | Design, synthesis and anti-tumour activity of new pyrimidine-pyrrole appended triazoles. Toxicology in Vitro, 2019, 60, 87-96. | 2.4 | 25 |

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|---|---|---|---|
| 55 | An overview of synthetic strategies and current applications of gold nanorods in cancer treatment. Nanotechnology, 2015, 26, 432001. | 2.6 | 24 |
| 56 | Current trends in the use of vitamin E-based micellar nanocarriers for anticancer drug delivery. Expert Opinion on Drug Delivery, 2017, 14, 715-726. | 5.0 | 24 |
| 57 | <em>p</em>-TSA-promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogs: molecular modeling and in vitro antitumor activity against hepatocellular carcinoma. Drug Design, Development and Therapy, 2017, Volume 11, 1623-1642. | 4.3 | 23 |
| 58 | D-161, a novel pyran-based triple monoamine transporter blocker: Behavioral pharmacological evidence for antidepressant-like action. European Journal of Pharmacology, 2008, 589, 73-79. | 3.5 | 22 |
| 59 | The structural and surface modification of zeolitic imidazolate frameworks towards reduction of encapsulated CO<sub>2</sub>. New Journal of Chemistry, 2018, 42, 19205-19213. | 2.8 | 22 |
| 60 | Designing potential HDAC3 inhibitors to improve memory and learning. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2133-2142. | 3.5 | 21 |
| 61 | Albumin-based lipoprotein nanoparticles for improved delivery and anticancer activity of curcumin for cancer treatment. Nanomedicine, 2020, 15, 2851-2869. | 3.3 | 21 |
| 62 | HDAC6 inhibitor accelerates wound healing by inhibiting tubulin mediated IL-1Î² secretion in diabetic mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165903. | 3.8 | 20 |
| 63 | Transferrin-Modified Vitamin-E/Lipid Based Polymeric Micelles for Improved Tumor Targeting and Anticancer Effect of Curcumin. Pharmaceutical Research, 2018, 35, 97. | 3.5 | 18 |
| 64 | Transferrin/Î±-tocopherol modified poly(amidoamine) dendrimers for improved tumor targeting and anticancer activity of paclitaxel. Nanomedicine, 2019, 14, 3159-3176. | 3.3 | 18 |
| 65 | Oleanolic acid-conjugated poly (D, l-lactide)-based micelles for effective delivery of doxorubicin and combination chemotherapy in oral cancer. Journal of Molecular Liquids, 2020, 320, 114389. | 4.9 | 18 |
| 66 | Targeted Bioimaging of Cancer Cells Using Free Folic Acid-Sensitive Molybdenum Disulfide Quantum Dots through Fluorescence â€œTurn-Offâ€• ACS Applied Bio Materials, 2021, 4, 2839-2849. | 4.6 | 18 |
| 67 | Design, synthesis and biological evaluation of 1,2,3-triazole based 2-aminobenzimidazoles as novel inhibitors of LasR dependent quorum sensing in Pseudomonas aeruginosa. RSC Advances, 2019, 9, 29273-29292. | 3.6 | 17 |
| 68 | A folic acid-sensitive polyfluorene based â€œturn-offâ€•fluorescence nanoprobe for folate receptor overexpressed cancer cell imaging. Sensors and Actuators B: Chemical, 2019, 291, 337-344. | 7.8 | 17 |
| 69 | PEGylated N-(2 hydroxypropyl) methacrylamide polymeric micelles as nanocarriers for the delivery of doxorubicin in breast cancer. Colloids and Surfaces B: Biointerfaces, 2021, 204, 111833. | 5.0 | 17 |
| 70 | Design, synthesis, and biological evaluation of novel nicotinamide derivatives as potential histone deacetylase-3 inhibitors. New Journal of Chemistry, 2020, 44, 9671-9683. | 2.8 | 17 |
| 71 | QSAR modeling on dopamine D2 receptor binding affinity of 6-methoxy benzamides. Il Farmaco, 2005, 60, 818-825. | 0.9 | 16 |
| 72 | Current trends in the development of HPMA-based block copolymeric nanoparticles for their application in drug delivery. European Polymer Journal, 2020, 139, 110018. | 5.4 | 16 |

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|---|---|---|---|
| 73 | Metal-Free Arylation to Access Distinct Anthracenylphosphonates and Anticancer Activities for These and Allied Phosphonates. ChemistrySelect, 2016, 1, 4332-4339. | 1.5 | 15 |
| 74 | Vitamin-E/lipid based PEGylated polymeric micellar doxorubicin to sensitize doxorubicin-resistant cells towards treatment. Reactive and Functional Polymers, 2019, 134, 49-57. | 4.1 | 15 |
| 75 | Hydroxypropyl methacrylamide-based copolymeric nanoparticles loaded with moxifloxacin as a mucoadhesive, cornea-penetrating nanomedicine eye drop with enhanced therapeutic benefits in bacterial keratitis. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112113. | 5.0 | 15 |
| 76 | Quantitative structureâ€“activity relationship study using refractotopological state atom index on some neonicotinoid insecticides. Bioorganic and Medicinal Chemistry, 2004, 12, 6137-6145. | 3.0 | 14 |
| 77 | Polymeric micelles of suberoylanilide hydroxamic acid to enhance the anticancer potential in vitro and in vivo. Nanomedicine, 2017, 12, 43-58. | 3.3 | 14 |
| 78 | Lipid and poly (ethylene glycol)-conjugated bi-functionalized chlorine e6 micelles for NIR-light induced photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101633. | 2.6 | 14 |
| 79 | Synthesis, biological evaluation, and molecular docking analysis of novel linker-less benzamide based potent and selective HDAC3 inhibitors. Bioorganic Chemistry, 2021, 114, 105050. | 4.1 | 14 |
| 80 | First Report on 3â€(3â€oxoaryl) Indole Derivatives as Anticancer Agents: Microwave Assisted Synthesis, In Vitro Screening and Molecular Docking Studies. ChemistrySelect, 2019, 4, 4478-4482. | 1.5 | 13 |
| 81 | PT3: A Novel Benzamide Class Histone Deacetylase 3 Inhibitor Improves Learning and Memory in Novel Object Recognition Mouse Model. ACS Chemical Neuroscience, 2021, 12, 883-892. | 3.5 | 13 |
| 82 | Distinct rhodamine B derivatives exhibiting dual effect of anticancer activity and fluorescence property. Journal of Photochemistry and Photobiology, 2021, 6, 100026. | 2.5 | 13 |
| 83 | Design, synthesis and binding mode of interaction of novel small molecule o-hydroxy benzamides as HDAC3-selective inhibitors with promising antitumor effects in 4T1-Luc breast cancer xenograft model. Bioorganic Chemistry, 2021, 117, 105446. | 4.1 | 13 |
| 84 | Further delineation of hydrophobic binding sites in dopamine D2/D3 receptors for N-4 substituents on the piperazine ring of the hybrid template 5/7-{[2-(4-aryl-piperazin-1-yl)-ethyl]-propyl-amino}-5,6,7,8-tetrahydro-naphthalen-2-ol. Bioorganic and Medicinal Chemistry, 2010, 18, 5661-5674. | 3.0 | 12 |
| 85 | Evaluation of Anti-Tumor Efficacy of Vorinostat Encapsulated Self-Assembled Polymeric Micelles in Solid Tumors. AAPS PharmSciTech, 2018, 19, 3141-3151. | 3.3 | 12 |
| 86 | Design, Synthesis and Biological Evaluation of Triazoleâ€Containing 2â€Phenylindole and Salicylic Acid as Quorum Sensing Inhibitors Against Pseudomonas aeruginosa. ChemistrySelect, 2018, 3, 9170-9180. | 1.5 | 12 |
| 87 | â€œQuinoline Consists of 1Hâ€1,2,3â€Triazole Hybrids: Design, Synthesis and Anticancer Evaluationâ€• ChemistrySelect, 2019, 4, 14184-14190. | 1.5 | 12 |
| 88 | Ligand-based quantitative structural assessments of SARS-CoV-2 3CLpro inhibitors: An analysis in light of structure-based multi-molecular modeling evidences. Journal of Molecular Structure, 2022, 1251, 132041. | 3.6 | 12 |
| 89 | Oneâ€Step Synthesis of Fused Chromeno[4,3â€b]pyrrolo[3,2â€h]quinolinâ€7(1H)â€One Compounds and their Anticancer Activity Evaluation. ChemistrySelect, 2017, 2, 2718-2721. | 1.5 | 11 |
| 90 | Bavachinin mitigates DMH induced colon cancer in rats by altering p53/Bcl2/BAX signaling associated with apoptosis. Biotechnic and Histochemistry, 2021, 96, 179-190. | 1.3 | 10 |

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|---|---|---|---|
| 91 | Polymeric micelles of a copolymer composed of all-trans retinoic acid, methoxy-poly(ethylene glycol), and b-poly(N-(2 hydroxypropyl) methacrylamide) as a doxorubicin-delivery platform and for combination chemotherapy in breast cancer. International Journal of Pharmaceutics, 2021, 606, 120866. | 5.2 | 10 |
| 92 | Cholesterol and vitamin E-conjugated PEGylated polymeric micelles for efficient delivery and enhanced anticancer activity of curcumin: evaluation in 2D monolayers and 3D spheroids. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 773-786. | 2.8 | 9 |
| 93 | Fused Chromenoâ€Thieno/Furoâ€Pyridines as Potential Analogs of Lamellarin D and their Anticancer Activity Evaluation. ChemistrySelect, 2019, 4, 10726-10730. | 1.5 | 9 |
| 94 | Robust classification-based molecular modelling of diverse chemical entities as potential SARS-CoV-2 3CL<sup>pro</sup> inhibitors: theoretical justification in light of experimental evidences. SAR and QSAR in Environmental Research, 2021, 32, 473-493. | 2.2 | 9 |
| 95 | Design, synthesis and biological evaluation of 7â€“(5â€“((substituted â€“) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (amino anticancer agents. Bioorganic Chemistry, 2021, 112, 104865. | 4.1 | 9 |
| 96 | The first report on predictive comparative ligand-based multi-QSAR modeling analysis of 4-pyrimidinone and 2-pyridinone based APJ inhibitors. New Journal of Chemistry, 2022, 46, 11591-11607. | 2.8 | 9 |
| 97 | Design, Synthesis, and Evaluation of the Anticancer Properties of Novel Quinone Bearing Carbamyl Î²â€Lactam Hybrids. Journal of Heterocyclic Chemistry, 2018, 55, 1358-1365. | 2.6 | 8 |
| 98 | 2-Phenylindole derivatives as anticancer agents: synthesis and screening against murine melanoma, human lung and breast cancer cell lines. Synthetic Communications, 2019, 49, 2258-2269. | 2.1 | 8 |
| 99 | Selective inhibition of histone deacetylase 3 by novel hydrazide based small molecules as therapeutic intervention for the treatment of cancer. European Journal of Medicinal Chemistry, 2022, 238, 114470. | 5.5 | 8 |
| 100 | Shedding light on designing potential meprin Î² inhibitors through ligand-based robust validated computational approaches: A proposal to chemists!. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3003-3022. | 3.5 | 7 |
| 101 | Seeking potent anti-tubercular agents: design and synthesis of substituted-N-(6-(4-(pyrazine-2-carbonyl)piperazine/homopiperazine-1-yl)pyridin-3-yl)benzamide derivatives as anti-tubercular agents. RSC Advances, 2020, 10, 12272-12288. | 3.6 | 7 |
| 102 | Quantitative activityâ€“activity relationship (QAAR) driven design to develop hydroxamate derivatives of pentanoic acids as selective HDAC8 inhibitors: synthesis, biological evaluation and binding mode of interaction studies. New Journal of Chemistry, 2021, 45, 17149-17162. | 2.8 | 7 |
| 103 | Olaparib@human serum albumin nanoparticles as sustained drug-releasing tumour-targeting nanomedicine to inhibit growth and metastasis in the mouse model of triple-negative breast cancer. Journal of Drug Targeting, 0, , 1-18. | 4.4 | 7 |
| 104 | Tandem Schiff-Base Formation/Heterocyclization: An Approach to the Synthesis of Fused Pyrazoloâ€“Pyrimidine/Isoxazolo-Pyrimidine Hybrids. Synlett, 2019, 30, 586-592. | 1.8 | 5 |
| 105 | Design, Synthesis and Anticancer Evaluation of Spiro [cyclohexaneâ€1,1â€²â€indene]â€2,5â€diene Analogues. ChemistrySelect, 2018, 3, 12139-12143. | 1.5 | 3 |
| 106 | Design and Development of Distinct Tetracyanoquinodimethane Derivatives Exhibiting Dual Effect of Fluorescence and Anticancer Activity. ChemistrySelect, 2021, 6, 7354-7366. | 1.5 | 3 |
| 107 | Development and Characterization of Solid Dispersion System for Enhancing the Solubility and Dissolution Rate of Dietary Capsaicin. Current Drug Therapy, 2020, 15, 143-151. | 0.3 | 2 |
| 108 | Design, synthesis and structureâ€“activity relationship studies of novel spirochromanone hydrochloride analogs as anticancer agents. Future Medicinal Chemistry, 2022, 14, 325-342. | 2.3 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Estrogenic Activity of Tetrazole Derivatives Bearing Bisphenol Structures: Computational Studies, Synthesis, and In Vitro Assessment. Journal of Chemical Information and Modeling, 2022, , . | 5.4 | 1 |