

C Ganesh Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209
papers

5,582
citations

33
h-index

66
g-index

229
ext. papers

6,348
ext. citations

3.4
avg, IF

6
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 209 | A comprehensive review on natural occurrence, synthesis and biological activities of glycolipids.. <i>Carbohydrate Research</i> , 2022 , 516, 108556 | 2.9 | 0 |
| 208 | Anti-hyperglycemic and genotoxic studies of 1--methyl chrysophanol, a new anthraquinone isolated from strain SFMA-103. <i>Drug and Chemical Toxicology</i> , 2021 , 44, 148-160 | 2.3 | 7 |
| 207 | 1,2,3-triazole-thiazole hybrids: Synthesis, in vitro antimicrobial activity and antibiofilm studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 33, 127746 | 2.9 | 22 |
| 206 | New indenopyrazole linked oxadiazole conjugates as anti-pancreatic cancer agents: Design, synthesis, in silico studies including 3D-QSAR analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 44, 128094 | 2.9 | 0 |
| 205 | Synthesis, characterization and biological evaluation of novel N-phenoyl phosphatidylethanolamine derivatives. <i>SN Applied Sciences</i> , 2020 , 2, 1 | 1.8 | 0 |
| 204 | Synthesis, anticancer evaluation and molecular docking studies of 2,5-bis(indolyl)-1,3,4-oxadiazoles, Nortopsentin analogues. <i>Journal of Molecular Structure</i> , 2020 , 1208, 127875 | 3.4 | 17 |
| 203 | New Indolyl-Arylaminopropenone Conjugates: Synthesis, Cytotoxicity and Apoptotic Inducing Studies. <i>ChemistrySelect</i> , 2020 , 5, 2063-2069 | 1.8 | |
| 202 | Synthesis and Pharmacological Evaluation of Some Amide Functionalized 1H-Benzo[d]imidazole-2-thiol Derivatives as Antimicrobial Agents. <i>ChemistrySelect</i> , 2020 , 5, 117-123 | 1.8 | 7 |
| 201 | New imidazo[2,1-]thiazole-based aryl hydrazones: unravelling their synthesis and antiproliferative and apoptosis-inducing potential. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 1178-1184 | 3.5 | 5 |
| 200 | Fungal biofactories as potential inulinase sources for production of fructooligosaccharides 2020 , 183-210 | | 2 |
| 199 | Synthesis, biological evaluation, and molecular docking analysis of phenstatin based indole linked chalcones as anticancer agents and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 105, 104447 | 5.1 | 12 |
| 198 | Hypervalent iodine(III) catalyzed rapid and efficient access to benzimidazoles, benzothiazoles and quinoxalines: Biological evaluation of some new benzimidazole-imidazo[1,2-a]pyridine conjugates. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 120-133 | 5.9 | 10 |
| 197 | Synthesis of new triazole fused imidazo[2,1-b]thiazole hybrids with emphasis on Staphylococcus aureus virulence factors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 126621 | 2.9 | 8 |
| 196 | Synthesis, antiproliferative and apoptosis induction potential activities of novel bis(indolyl)hydrazide-hydrazone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1043-1055 | 3.4 | 33 |
| 195 | An overview on the synthetic and medicinal perspectives of indenopyrazoles. <i>European Journal of Medicinal Chemistry</i> , 2019 , 178, 1-12 | 6.8 | 8 |
| 194 | One-Pot Synthesis and Biological Evaluation of Arylpropenone Aminochalcone Conjugates as Potential Apoptotic Inducers. <i>ChemistrySelect</i> , 2019 , 4, 4672-4678 | 1.8 | |
| 193 | Phenazine-1-carboxamide functionalized mesoporous silica nanoparticles as antimicrobial coatings on silicone urethral catheters. <i>Scientific Reports</i> , 2019 , 9, 6198 | 4.9 | 18 |

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| 192 | Design, synthesis, and antimicrobial evaluation of 1,4-dihydroindeno[1,2-]pyrazole tethered carbohydrazone hybrids: exploring their ADMET, ergosterol inhibition and ROS inducing potential. <i>MedChemComm</i> , 2019 , 10, 806-813 | 5 | 11 |
| 191 | Design, Synthesis and Biological Evaluation of Substituted (1-(4-chlorobenzyl)-1H-indol-3-yl) 1H-(1,2,3-triazol-4-yl)methanones as Antifungal Agents. <i>ChemistrySelect</i> , 2019 , 4, 2258-2266 | 1.8 | 4 |
| 190 | Physicochemical, structural and biological evaluation of Cybersan (trigalactomargarate), a new glycolipid biosurfactant produced by a marine yeast, <i>Cyberlindnera saturnus</i> strain SBPN-27. <i>Process Biochemistry</i> , 2019 , 80, 171-180 | 4.8 | 32 |
| 189 | Synthesis of new bis-pyrazole linked hydrazides and their in vitro evaluation as antimicrobial and anti-biofilm agents: A mechanistic role on ergosterol biosynthesis inhibition in <i>Candida albicans</i> . <i>Chemical Biology and Drug Design</i> , 2019 , 94, 1339-1351 | 2.9 | 5 |
| 188 | Chumacin-1 and Chumacin-2 from <i>Pseudomonas aeruginosa</i> strain CGK-KS-1 as novel quorum sensing signaling inhibitors for biocontrol of bacterial blight of rice. <i>Microbiological Research</i> , 2019 , 228, 126301 | 5.3 | 5 |
| 187 | Synthesis and Biological Evaluation of Benzothiazole-piperazinesulfonamide Conjugates and Their Antibacterial and Antiacetylcholinesterase Activity. <i>Letters in Organic Chemistry</i> , 2019 , 16, 723-734 | 0.6 | 3 |
| 186 | Induction of apoptosis in lung carcinoma cells by antiproliferative cyclic lipopeptides from marine algicolous isolate <i>Bacillus atrophaeus</i> strain AKLSR1. <i>Process Biochemistry</i> , 2019 , 79, 142-154 | 4.8 | 13 |
| 185 | Design and Synthesis of Novel Pyrimidine/Hexahydroquinazoline-Fused Pyrazolo[3,4-b]Pyridine Derivatives, Their Biological Evaluation and Docking Studies#. <i>ChemistrySelect</i> , 2019 , 4, 138-144 | 1.8 | 9 |
| 184 | Synthesis and biological evaluation of pyrazole linked benzothiazole- β -naphthol derivatives as topoisomerase I inhibitors with DNA binding ability. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 708-720 | 2.4 | 23 |
| 183 | Design, synthesis, in silico pharmacokinetics prediction and biological evaluation of 1,4-dihydroindeno[1,2-c]pyrazole chalcone as EGFR /Akt pathway inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 163, 636-648 | 6.8 | 17 |
| 182 | Structural characterization and biological evaluation of Staphylosan (dimannooleate), a new glycolipid surfactant produced by a marine <i>Staphylococcus saprophyticus</i> SBPS-15. <i>Enzyme and Microbial Technology</i> , 2019 , 120, 1-7 | 3.8 | 11 |
| 181 | Efficient and green sulfamic acid catalyzed synthesis of new 1,2-dihydroquinazoline derivatives with antibacterial potential. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 3546-3554 | 5.9 | 5 |
| 180 | Novel 1,2,3-Triazole-Functionalized 1,2-Benzothiazine 1,1-Dioxide Derivatives: Regioselective Synthesis, Biological Evaluation and Docking Studies. <i>ChemistrySelect</i> , 2018 , 3, 2398-2403 | 1.8 | 8 |
| 179 | Studies on synthesis of novel pyrido[2,3-d]pyrimidine derivatives, evaluation of their antimicrobial activity and molecular docking. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1670-1675 | 2.9 | 22 |
| 178 | A novel templates of piperazinyl-1,2-dihydroquinoline-3-carboxylates: Synthesis, anti-microbial evaluation and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1166-1170 | 2.9 | 6 |
| 177 | Synthesis of novel hetero ring fused pyridine derivatives; Their anticancer activity, CoMFA and CoMSIA studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2328-2337 | 2.9 | 12 |
| 176 | Synthesis and biological evaluation of 3,6-dialkylsubstituted-[1,2,4] triazolo[3,4-b][1,3,4]thiadiazoles. <i>Journal of Chemical Sciences</i> , 2018 , 130, 1 | 1.8 | 3 |
| 175 | Synthesis, anticancer evaluation and molecular docking studies of bis(indolyl) triazinones, Nortopsentin analogs. <i>Chemical Papers</i> , 2018 , 72, 1369-1378 | 1.9 | 33 |

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| 174 | Comparative Evaluation of Synthetic Routes and Antibacterial/Antifungal Properties of ZnAl Layered Double Hydroxides Containing Benzoate Anion. <i>Environmental Engineering Science</i> , 2018 , 35, 247-260 | 2 | 11 |
| 173 | Design, synthesis, and cytotoxicity evaluation of threonine-based galactoceramide with aromatic groups and various fatty-acyl side chains. <i>Medicinal Chemistry Research</i> , 2018 , 27, 285-307 | 2.2 | 2 |
| 172 | Lasiosan, a new exopolysaccharide from <i>Lasiodiplodia</i> sp. strain B2 (MTCC 6000): Structural characterization and biological evaluation. <i>Process Biochemistry</i> , 2018 , 72, 162-169 | 4.8 | 13 |
| 171 | Design, Synthesis, In Vitro Evaluation and Docking Studies of Pyrazole-Thiazole Hybrids as Antimicrobial and Antibiofilm Agents. <i>ChemistrySelect</i> , 2018 , 3, 8270-8276 | 1.8 | 10 |
| 170 | Synthesis of Novel Pyrido[2,3-b:3',4']Pyrazolo[1,5-a]Quinazoline Derivatives, Their Biological Evaluation and Molecular Modelling Studies. <i>ChemistrySelect</i> , 2018 , 3, 7813-7821 | 1.8 | 3 |
| 169 | Synthesis and Cytotoxicity Evaluation of Novel Tricyclic Dihydropyrazolo [4,3-f][1,2,3]triazolo Diazepines. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 1020-1025 | 0.8 | 2 |
| 168 | Synthesis and Bioevaluation of Quaternary Centered 3-hydroxy-3 (alkynyl)indolin-2-one Derivatives as Potential Cytotoxic Agents and Akt Kinase Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 17, 1963-1970 | 2.2 | |
| 167 | Catalyst-free synthesis of pyrazole-aniline linked coumarin derivatives and their antimicrobial evaluation. <i>Journal of Saudi Chemical Society</i> , 2018 , 22, 665-677 | 4.3 | 13 |
| 166 | Design, synthesis and biological evaluation of 1, 4-dihydro indeno[1,2-c] pyrazole linked oxindole analogues as potential anticancer agents targeting tubulin and inducing p53 dependent apoptosis. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 104-115 | 6.8 | 23 |
| 165 | Bioprospecting of Endophytic Fungi for Bioactive Compounds 2018 , 651-697 | | 2 |
| 164 | Designer and Functional Food Lipids in Dietary Regimes: Current Trends and Future Prospects 2018 , 283-316 | | |
| 163 | Status and Future Prospects of Fructooligosaccharides as Nutraceuticals 2018 , 451-503 | | 13 |
| 162 | Synthesis, antitumor evaluation, and molecular docking studies of indolehydazolyl hydrazone derivatives. <i>Monatshefte für Chemie</i> , 2017 , 148, 305-314 | 1.4 | 38 |
| 161 | Design, synthesis and evaluation of novel pyrazolo-pyrimido[4,5-d]pyrimidine derivatives as potent antibacterial and biofilm inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 1451-1457 | 2.9 | 19 |
| 160 | Synthesis of novel pyrazolo[3,4-b]quinolonyl acetamide analogs, their evaluation for antimicrobial and anticancer activities, validation by molecular modeling and CoMFA analysis. <i>European Journal of Medicinal Chemistry</i> , 2017 , 130, 223-239 | 6.8 | 22 |
| 159 | Therapeutic nanomaterials: from a drug delivery perspective 2017 , 1-61 | | |
| 158 | Synthesis, characterization, antimicrobial and biofilm inhibitory activities of new N-oxide esters. <i>Medicinal Chemistry Research</i> , 2017 , 26, 1689-1696 | 2.2 | 2 |
| 157 | The impact of sugar and fatty acid on the bioactivity of N-fatty acyl-L-tyrosine aglycone. <i>Journal of Chemical Sciences</i> , 2017 , 129, 663-677 | 1.8 | |

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| 156 | Sulfamic acid catalyzed one-pot, three-component green approach: synthesis and cytotoxic evaluation of pyrazolyl-thiazole congeners. <i>New Journal of Chemistry</i> , 2017 , 41, 3745-3749 | 3.6 | 9 |
| 155 | Biological evaluation of 3-hydroxybenzyl alcohol, an extrolite produced by <i>Aspergillus nidulans</i> strain KZR-132. <i>Journal of Applied Microbiology</i> , 2017 , 122, 1518-1528 | 4.7 | 3 |
| 154 | Continuous generation of fructose from <i>Taraxacum officinale</i> tap root extract and inulin by immobilized inulinase in a packed-bed reactor. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017 , 9, 134-140 | 4.0 | 12 |
| 153 | 1,2,3-Triazole-nimesulide hybrid: Their design, synthesis and evaluation as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 518-523 | 2.9 | 35 |
| 152 | Ultrasound assisted, VOSO ₄ catalyzed synthesis of 4-thiazolidinones: Antimicrobial evaluation of indazole-4-thiazolidinone derivatives. <i>Tetrahedron Letters</i> , 2017 , 58, 4632-4637 | 2 | 15 |
| 151 | Potential antimicrobial agents from triazole-functionalized 2H-benzo[b][1,4]oxazin-3(4H)-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 5158-5162 | 2.9 | 13 |
| 150 | Synthesis of Novel Diverse Methoxybenzenes-substituted 2H/4H-chromene Derivatives in the Presence of InBr ₃ (5 μmol%) and their Cytotoxic Activity. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 3607-3617 | 1.9 | 1 |
| 149 | Synthesis of novel triazolothione, thiadiazole, triazole-functionalized furo/thieno[2,3-b]pyridine derivatives and their antimicrobial activity. <i>Synthetic Communications</i> , 2017 , 47, 1864-1873 | 1.7 | 13 |
| 148 | Design, synthesis, and biological evaluation of 4-H pyran derivatives as antimicrobial and anticancer agents. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2832-2844 | 2.2 | 20 |
| 147 | Design, synthesis and biological evaluation of novel pyrazolochalcones as potential modulators of PI3K/Akt/mTOR pathway and inducers of apoptosis in breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017 , 139, 305-324 | 6.8 | 15 |
| 146 | Statistical optimization of production conditions of α-glucosidase from <i>Bacillus stratosphericus</i> strain SG9. <i>3 Biotech</i> , 2017 , 7, 221 | 2.8 | 4 |
| 145 | Synthesis, characterization, antimicrobial and anti-biofilm activity of a new class of 11-bromoundecanoic acid-based betaines. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2592-2601 | 2.2 | 1 |
| 144 | Aneurinifactin, a new lipopeptide biosurfactant produced by a marine <i>Aneurinibacillus aneurinilyticus</i> SBP-11 isolated from Gulf of Mannar: Purification, characterization and its biological evaluation. <i>Microbiological Research</i> , 2017 , 194, 1-9 | 5.3 | 62 |
| 143 | Synthesis and in vitro antioxidant and antimicrobial studies of novel structured phosphatidylcholines with phenolic acids. <i>Food Chemistry</i> , 2017 , 221, 664-672 | 8.5 | 23 |
| 142 | Anti-proliferative and Antioxidant Activities of 1-methoxy-3-methyl-8-hydroxy-anthraquinone, a Hydroxyanthraquinoid Extrolite Produced by <i>Amycolatopsis thermoflava</i> strain SFMA-103. <i>Microbiology and Biotechnology Letters</i> , 2017 , 45, 200-208 | 1.6 | 4 |
| 141 | An efficient one-pot synthesis of thiochromeno[3,4-d]pyrimidines derivatives: Inducing ROS dependent antibacterial and anti-biofilm activities. <i>Bioorganic Chemistry</i> , 2016 , 68, 159-65 | 5.1 | 14 |
| 140 | A diastereoselective synthesis of tetrahydro- and dihydro-pyrido[2,3-c]coumarin derivatives via a one-pot three-component Povarov reaction catalyzed by bismuth(III) chloride. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5119-5125 | 2.9 | 8 |
| 139 | A simple, one pot synthesis of furo[3,2-c]chromenes and evaluation of antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4899-4902 | 2.9 | 14 |

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| 138 | Antimicrobial activities of a promising glycolipid biosurfactant from a novel marine <i>Staphylococcus saprophyticus</i> SBPS 15. <i>3 Biotech</i> , 2016 , 6, 163 | 2.8 | 50 |
| 137 | Synthesis and biological evaluation of sapinofuranones A,B and 1,2,3-triazole-sapinofuranone hybrids as cytotoxic agents. <i>RSC Advances</i> , 2016 , 6, 101501-101512 | 3.7 | 3 |
| 136 | Apparent Carbon Monoxide Insertion via Double Isocyanide Incorporation during Palladium-Catalyzed Construction of Indoloquinoline Ring in a Single Pot: Synthesis of New Cytotoxic Agents. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3387-3393 | 5.6 | 14 |
| 135 | An expeditious four-component domino protocol for the synthesis of novel thiazolo[3,2-a]thiochromeno[4,3-d]pyrimidine derivatives as antibacterial and antibiofilm agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3808-17 | 3.4 | 20 |
| 134 | Synthesis of dihydrosterculic acid-based monoglucosyl diacylglycerol and its analogues and their biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016 , 109, 134-45 | 6.8 | 8 |
| 133 | Synthesis, characterization, antimicrobial and biofilm inhibitory studies of new esterquats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1978-82 | 2.9 | 7 |
| 132 | Synthesis and Evaluation of Surface and Biological Properties of Some Lactic Acid-Based Anionic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 343-351 | 1.9 | 1 |
| 131 | Synthesis of novel ethyl 1-ethyl-6-fluoro-7-(fatty amido)-1,4-dihydro-4-oxoquinoline-3-carboxylate derivatives and their biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 613-617 ^{2.9} | 2.9 | 17 |
| 130 | Synthesis of novel trifluoromethyl substituted furo[2,3-b]pyridine and pyrido[3,2-n,4,5]furo[3,2-d]pyrimidine derivatives as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 108, 68-78 | 6.8 | 15 |
| 129 | Synthesis and biological evaluation of novel lipoamino acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 209-12 | 2.9 | 7 |
| 128 | Assembly of Quinoline, Triazole and Oxime Ether in a Single Molecular Entity: A Greener and One-pot Synthesis of Novel Oximes as Potential Cytotoxic Agents. <i>Letters in Drug Design and Discovery</i> , 2016 , 13, 210-219 | 0.8 | 16 |
| 127 | Synthesis of Novel Fatty Substituted 4-methyl-2HChromen-2-one via Cross Metathesis: Potential Antioxidants and Chemotherapeutic Agents. <i>Journal of Oleo Science</i> , 2016 , 65, 1023-1031 | 1.6 | 2 |
| 126 | Synthesis, characterization, and applications of nanobiomaterials for antimicrobial therapy 2016 , 103-152 | | 10 |
| 125 | Synthesis and Biological Evaluation of 1,2,3-triazole tethered Pyrazoline and Chalcone Derivatives. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 97-109 | 2.9 | 26 |
| 124 | Synthesis of novel (Z)-methyl-12-aminoctadec-9-enoate-based phenolipids as potential antioxidants and chemotherapeutic agents. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 622-630 | 3 | 10 |
| 123 | Design, synthesis and biological evaluation of diaziridinyl quinone isoxazole hybrids. <i>European Journal of Medicinal Chemistry</i> , 2016 , 117, 85-98 | 6.8 | 26 |
| 122 | Total synthesis and in vitro bioevaluation of clavaminols A, C, H & deacetyl clavaminol H as potential chemotherapeutic and antibiofilm agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 120, 86-96 | 6.8 | 11 |
| 121 | Synthesis, biological evaluation and molecular docking studies of some novel cyclopropane carbonyl derivatives as potential anticancer agents. <i>Journal of Chemical Sciences</i> , 2016 , 128, 929-939 ^{1.8} | 1.8 | 3 |

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|-----|---|-----|----|
| 120 | Ferrocenyl chalcogeno (sugar) triazole conjugates: Synthesis, characterization and anticancer properties. <i>Journal of Organometallic Chemistry</i> , 2016 , 813, 125-130 | 2.3 | 15 |
| 119 | Design, synthesis and in vitro biological evaluation of short-chain C12-sphinganine and its 1,2,3-triazole analogs as potential antimicrobial and anti-biofilm agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 118, 98-106 | 6.8 | 17 |
| 118 | Synthesis, DNA binding affinity and anticancer activity of novel 4H-benzo[g][1,2,3]triazolo[5,1-c][1,4]oxazocines. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9294-9305 | 3.9 | 7 |
| 117 | Synthesis of novel ethyl 2,4-disubstituted 8-(trifluoromethyl)pyrido[2,3-b,4]pyrazolo[1,5-a]pyrimidine-9-carboxylate derivatives as promising anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5203-5206 | 2.9 | 22 |
| 116 | Synthesis and biological evaluation of ricinoleic acid-based lipoamino acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5198-5202 | 2.9 | 8 |
| 115 | Pontifactin, a new lipopeptide biosurfactant produced by a marine <i>Pontibacter korlensis</i> strain SBK-47: Purification, characterization and its biological evaluation. <i>Process Biochemistry</i> , 2016 , 51, 2198-2207 | 4.8 | 49 |
| 114 | Synthesis of novel hydrazone and azole functionalized pyrazolo[3,4-b]pyridine derivatives as promising anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4427-4432 | 2.9 | 38 |
| 113 | Synthesis of novel nicotinohydrazide and (1,3,4-oxadiazol-2-yl)-6-(trifluoromethyl)pyridine derivatives as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4829-4837 | 3.9 | 18 |
| 112 | Design of new hybrid template by linking quinoline, triazole and dihydroquinoline pharmacophoric groups: A greener approach to novel polyazaheterocycles as cytotoxic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1057-63 | 2.9 | 30 |
| 111 | Chemical Preservatives-Based Storage Studies and Ethanol Production from Juice of Sweet Sorghum Cultivar, ICSV 93046. <i>Sugar Tech</i> , 2015 , 17, 404-411 | 1.9 | 4 |
| 110 | Stereoselective total synthesis and cytotoxic evaluation of C-9 epimers of herbarumin-II and its C-2 epimer. <i>Tetrahedron Letters</i> , 2015 , 56, 4631-4633 | 2 | 3 |
| 109 | Synthesis and antimicrobial potential of nitrofuranyl-triazole congeners. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9388-97 | 3.9 | 22 |
| 108 | One-pot catalyst free synthesis of novel kojic acid tagged 2-aryl/alkyl substituted-4H-chromenes and evaluation of their antimicrobial and anti-biofilm activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1915-9 | 2.9 | 32 |
| 107 | Catalyst-free, one pot and three-component synthesis of 4?-phenyl-1?H-spiro[indoline-3,2?-quinazolin]-2-ones and 2,4-diphenyl-1,2-dihydroquinazolines. <i>Tetrahedron Letters</i> , 2015 , 56, 6373-6376 | 2 | 8 |
| 106 | Stereoselective Total Synthesis of Pinolide and Its C2 Epimer and Evaluation of Their Cytotoxic Activity. <i>Synthesis</i> , 2015 , 47, 653-658 | 2.9 | 6 |
| 105 | Green synthesis of bacterial mediated anti-proliferative gold nanoparticles: inducing mitotic arrest (G2/M phase) and apoptosis (intrinsic pathway). <i>Nanoscale</i> , 2015 , 7, 18738-50 | 7.7 | 39 |
| 104 | Palladium(0)-catalyzed direct C-H hetero-arylation of 2-arylimidazo [1,2-a]pyridines with (E)-1-(5-bromothiophen-2-yl)-3-arylprop-2-en-1-ones and their anticancer activity. <i>RSC Advances</i> , 2015 , 5, 80057-80062 | 3.7 | 0 |
| 103 | Surface and Antimicrobial Properties of N-Palmitoyl Amino Acid Based Surfactants. <i>Journal of Dispersion Science and Technology</i> , 2015 , 36, 765-771 | 1.5 | 15 |

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|-----|---|------|----|
| 102 | Novel fatty acid esters of apocynin oxime exhibit antimicrobial and antioxidant activities. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 692-700 | 3 | 10 |
| 101 | Isolation and Characterization of Cellulose from Sweet Sorghum Bagasse. <i>Sugar Tech</i> , 2015 , 17, 395-403 | 1.9 | 7 |
| 100 | Regioselective synthesis, antimicrobial evaluation and theoretical studies of 2-styryl quinolines. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1347-57 | 3.9 | 45 |
| 99 | Biodirected synthesis of Miconazole-conjugated bacterial silver nanoparticles and their application as antifungal agents and drug delivery vehicles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 125, 110-9 | 6 | 84 |
| 98 | Synthesis, Surface Active Properties and Cytotoxicity of Sodium N-Acyl Prolines. <i>Journal of Oleo Science</i> , 2015 , 64, 1175-84 | 1.6 | 7 |
| 97 | One-pot three-component domino protocol for the synthesis of novel pyrano[2,3-d]pyrimidines as antimicrobial and anti-biofilm agents. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7294-306 | 3.9 | 33 |
| 96 | Synthesis of novel amide functionalized 2H-chromene derivatives by Ritter amidation of primary alcohol using HBF ₄ ·OEt ₂ as a mild and versatile reagent and evaluation of their antimicrobial and anti-biofilm activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2943-7 | 2.9 | 15 |
| 95 | Convenient and Scalable Synthesis of 2,3-Dihydroquinazolin-4(1H)-one Derivatives and Their Anticancer Activities. <i>Synthetic Communications</i> , 2015 , 45, 1893-1901 | 1.7 | 10 |
| 94 | Antimicrobial and docking studies of (R)-catechin derivatives 2015 , 58, 581-585 | | 4 |
| 93 | Microbial Degradation of Basic Dyes in Wastewaters. <i>Environmental Science and Engineering</i> , 2015 , 85-110 | 10.2 | 4 |
| 92 | Synthesis, cytotoxic activity and docking studies of new 4-aza-podophyllotoxin derivatives. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3305-3313 | 2.2 | 41 |
| 91 | Sweet Sorghum: Breeding and Bioproducts. <i>Handbook of Plant Breeding</i> , 2015 , 1-28 | 0.2 | 2 |
| 90 | Synthesis and Surface-Active Properties of Sodium N-Acylphenylalanines and Their Cytotoxicity. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2090-2098 | 3.9 | 14 |
| 89 | Stereoselective total synthesis of a novel regiomers of herbarumin I and its cytotoxic and antimicrobial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 325-7 | 2.9 | 12 |
| 88 | Synthesis of novel 5-(3-alkylquinolin-2-yl)-3-aryl isoxazole derivatives and their cytotoxic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1349-51 | 2.9 | 17 |
| 87 | A marine sponge associated strain of <i>Bacillus subtilis</i> and other marine bacteria can produce anticholinesterase compounds. <i>Microbial Cell Factories</i> , 2014 , 13, 24 | 6.4 | 24 |
| 86 | Synthesis and biological evaluation of fatty imidazolines. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3617-3623 | 3.2 | 2 |
| 85 | Synthesis, biological evaluation, and molecular modeling of (E)-2-aryl-5-styryl-1,3,4-oxadiazole derivatives as acetylcholine esterase inhibitors. <i>Medicinal Chemistry Research</i> , 2014 , 23, 2080-2092 | 2.2 | 21 |

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