

C Ganesh Kumar

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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	Significance of microbial biofilms in food industry: a review. <i>International Journal of Food Microbiology</i> , 1998 , 42, 9-27	5.8	719
208	Microbial alkaline proteases: from a bioindustrial viewpoint. <i>Biotechnology Advances</i> , 1999 , 17, 561-94	17.8	550
207	The Taguchi methodology as a statistical tool for biotechnological applications: a critical appraisal. <i>Biotechnology Journal</i> , 2008 , 3, 510-23	5.6	298
206	Purification and characterization of an extracellular polysaccharide from haloalkalophilic <i>Bacillus</i> sp. I-450. <i>Enzyme and Microbial Technology</i> , 2004 , 34, 673-681	3.8	249
205	Extracellular synthesis of silver nanoparticles using culture supernatant of <i>Pseudomonas aeruginosa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 462-6	6	171
204	Oxidant and SDS-stable alkaline protease from <i>Bacillus clausii</i> I-52: production and some properties. <i>Journal of Applied Microbiology</i> , 2003 , 95, 267-72	4.7	130
203	Synthesis of biosurfactant-based silver nanoparticles with purified rhamnolipids isolated from <i>Pseudomonas aeruginosa</i> BS-161R. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 1061-8	3.3	89
202	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
201	Purification and characterization of a thermostable alkaline protease from alkalophilic <i>Bacillus pumilus</i> . <i>Letters in Applied Microbiology</i> , 2002 , 34, 13-7	2.9	81
200	Synthesis of novel 1,2,3-triazole substituted-N-alkyl/aryl nitro derivatives, their anti-inflammatory and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2014 , 80, 184-91	6.8	80
199	Synthesis, cytotoxicity, antimicrobial and anti-biofilm activities of novel pyrazolo[3,4-b]pyridine and pyrimidine functionalized 1,2,3-triazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2905-8	2.9	68
198	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
197	Green synthesis of bacterial gold nanoparticles conjugated to resveratrol as delivery vehicles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 311-7	6	52
196	Physicochemical characterization and antioxidant activity of melanin from a novel strain of <i>Aspergillus bridgeri</i> ICTF-201. <i>Letters in Applied Microbiology</i> , 2011 , 53, 350-8	2.9	51
195	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
194	Synthesis of novel benzo[4,5]thiazolo[1,2-a]pyrimidine-3-carboxylate derivatives and biological evaluation as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 817-22	6.8	50
193	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

192	Regioselective synthesis, antimicrobial evaluation and theoretical studies of 2-styryl quinolines. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1347-57	3.9	45
191	Synthesis, cytotoxic activity and docking studies of new 4-aza-podophyllotoxin derivatives. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3305-3313	2.2	41
190	Decolorization and biodegradation of triphenylmethane dye, brilliant green, by <i>Aspergillus</i> sp. isolated from Ladakh, India. <i>Process Biochemistry</i> , 2012 , 47, 1388-1394	4.8	40
189	Characterization of an extracellular biopolymer flocculant from a haloalkalophilic <i>Bacillus</i> isolate. <i>World Journal of Microbiology and Biotechnology</i> , 2004 , 20, 837-843	4.4	40
188	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
187	Studies on the synthetic and structural aspects of benzosuberones bearing 2, 4-thiazolidenone moiety as potential anti-cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 71, 91-7	6.8	39
186	Synthesis, antitumor evaluation, and molecular docking studies of indole-indazolyl hydrazide-hydrazone derivatives. <i>Monatshefte für Chemie</i> , 2017 , 148, 305-314	1.4	38
185	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
184	Green synthesis of Kocuran-functionalized silver glyconanoparticles for use as antibiofilm coatings on silicone urethral catheters. <i>Nanotechnology</i> , 2014 , 25, 325101	3.4	37
183	Thermostable Alkaline Protease from a Novel Marine Haloalkalophilic <i>Bacillus Clausii</i> Isolate. <i>World Journal of Microbiology and Biotechnology</i> , 2004 , 20, 351-357	4.4	37
182	Synthesis, Crystal Structure, Electronic Spectroscopy, Electrochemistry and Biological Studies of Ferrocene-Carbohydrate Conjugates. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2267-2277	2.3	36
181	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
180	Production of melanin pigment from <i>Pseudomonas stutzeri</i> isolated from red seaweed <i>Hypnea musciformis</i> . <i>Letters in Applied Microbiology</i> , 2013 , 57, 295-302	2.9	35
179	Intramolecular copper(I)-catalyzed 1,3-dipolar cycloaddition of azido-alkynes: synthesis of triazolo-benzoxazepine derivatives and their biological evaluation. <i>Tetrahedron Letters</i> , 2011 , 52, 806-808	2.3	35
178	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
177	Synthesis, anticancer evaluation and molecular docking studies of bis(indolyl) triazinones, Nortopsentin analogs. <i>Chemical Papers</i> , 2018 , 72, 1369-1378	1.9	33
176	Synthesis of novel 1,2,3-triazole/isoxazole functionalized 2H-Chromene derivatives and their cytotoxic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1661-3	2.9	33
175	Anti-tubercular agents. Part 8: synthesis, antibacterial and antitubercular activity of 5-nitrofurans based 1,2,3-triazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6842-6	2.9	33

174	Synthesis and biological evaluation of novel alkyl amide functionalized trifluoromethyl substituted pyrazolo[3,4-b]pyridine derivatives as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5893-5	2.9	33
173	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
172	Synthesis of novel building blocks of benzosuberone bearing coumarin moieties and their evaluation as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 79, 260-5	6.8	33
171	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
170	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
169	Multicomponent one-pot synthesis of 2-naphthol derivatives and evaluation of their anticancer activity. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3321-3325	2.2	32
168	Characterization of Improved Sweet Sorghum Genotypes for Biochemical Parameters, Sugar Yield and Its Attributes at Different Phenological Stages. <i>Sugar Tech</i> , 2010 , 12, 322-328	1.9	32
167	Synthesis of novel benzimidazole functionalized chiral thioureas and evaluation of their antibacterial and anticancer activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 4822-5	2.9	31
166	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
165	Bioconversion of acrylonitrile to acrylic acid by <i>rhodococcus ruber</i> strain AKSH-84. <i>Journal of Microbiology and Biotechnology</i> , 2011 , 21, 37-42	3.3	30
164	Microbial biosynthesis and applications of gentamicin: a critical appraisal. <i>Critical Reviews in Biotechnology</i> , 2008 , 28, 173-212	9.4	28
163	Decolorization and Biotransformation of Triphenylmethane Dye, Methyl Violet, by <i>Aspergillus</i> sp. Isolated from Ladakh, India. <i>Journal of Microbiology and Biotechnology</i> , 2011 , 21, 267-273	3.3	28
162	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
161	Design, synthesis and biological evaluation of diaziridinyl quinone isoxazole hybrids. <i>European Journal of Medicinal Chemistry</i> , 2016 , 117, 85-98	6.8	26
160	Synthesis of 2,2,4-trimethyl-1,2-dihydroquinolinyl substituted 1,2,3-triazole derivatives: their evaluation as potential PDE 4B inhibitors possessing cytotoxic properties against cancer cells. <i>Bioorganic Chemistry</i> , 2014 , 53, 8-14	5.1	25
159	Synthesis, crystal structure, electronic spectroscopy, electrochemistry and biological studies of carbohydrate containing ferrocene amides. <i>Applied Organometallic Chemistry</i> , 2012 , 26, 369-376	3.1	25
158	Metabolic profiling and biological activities of bioactive compounds produced by <i>Pseudomonas</i> sp. strain ICTB-745 isolated from Ladakh, India. <i>Journal of Microbiology and Biotechnology</i> , 2012 , 22, 69-79	3.3	25
157	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

156	Synthesis, antimicrobial and anti-biofilm activities of novel Schiff base analogues derived from methyl-12-aminooctadec-9-enoate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 5224-7	2.9	24
155	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
154	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
153	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
152	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
151	Synthesis and antimicrobial potential of nitrofuranyl-triazole congeners. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9388-97	3.9	22
150	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
149	Effect of amide-triazole linkers on the electrochemical and biological properties of ferrocene-carbohydrate conjugates. <i>Dalton Transactions</i> , 2013 , 42, 1180-90	4.3	22
148	Synthesis of novel ethyl 2,4-disubstituted 8-(trifluoromethyl)pyrido[2,3-b]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
147	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
146	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
145	Total Synthesis of (+)-Aspicilin by an Alkyne-Based Approach and Its Biological Evaluation. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1819-1824	3.2	21
144	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
143	Ochrosin, a new biosurfactant produced by halophilic <i>Ochrobactrum</i> sp. strain BS-206 (MTCC 5720): Purification, characterization and its biological evaluation. <i>Process Biochemistry</i> , 2014 , 49, 1708-1717	4.8	20
142	Hsp90-targeted miRNA-liposomal formulation for systemic antitumor effect. <i>Biomaterials</i> , 2013 , 34, 6804-17	15.6	20
141	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
140	Synthesis, surface and biological properties of sodium N-acyl isoleucines. <i>European Journal of Lipid Science and Technology</i> , 2014 , 116, 193-206	3	20
139	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

138	Iron-catalyzed aryl-aryl cross coupling route for the synthesis of 1-(2-amino)-phenyl)dibenzo[b,d]furan-2-ol derivatives and their biological evaluation. <i>RSC Advances</i> , 2013 , 3, 16475	3.7	19
137	Phenazine-1-carboxamide functionalized mesoporous silica nanoparticles as antimicrobial coatings on silicone urethral catheters. <i>Scientific Reports</i> , 2019 , 9, 6198	4.9	18
136	Palladium(II) carbohydrate complexes of alkyl, aryl and ferrocenyl esters and their cytotoxic activities. <i>Inorganica Chimica Acta</i> , 2014 , 416, 164-170	2.7	18
135	Evaluation of critical nutritional parameters and their significance in the production of rhamnolipid biosurfactants from <i>Pseudomonas aeruginosa</i> BS-161R. <i>Biotechnology Progress</i> , 2012 , 28, 1507-16	2.8	18
134	Synthesis, characterization and cytotoxic activity of palladium (II) carbohydrate complexes. <i>Journal of Chemical Sciences</i> , 2012 , 124, 1405-1413	1.8	18
133	Synthesis and characterization of gold glyconanoparticles functionalized with sugars of sweet Sorghum syrup. <i>Biotechnology Progress</i> , 2011 , 27, 1455-63	2.8	18
132	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, 4829-4831	2.9	18
131	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
130	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	17
129	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
128	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
127	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
126	Synthesis, antimicrobial, and anticancer evaluation of novel 2-(3-methylindolyl)benzimidazole derivatives. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3970-3978	2.2	16
125	Silver glyconanoparticles functionalized with sugars of sweet sorghum syrup as an antimicrobial agent. <i>Process Biochemistry</i> , 2012 , 47, 1488-1495	4.8	16
124	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
123	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
122	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
121	Synthesis of novel trifluoromethyl substituted furo[2,3-b]pyridine and pyrido[3,2-b]furo[3,2-d]pyrimidine derivatives as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 108, 68-78	6.8	15

120	Kocuran, an exopolysaccharide isolated from <i>Kocuria rosea</i> strain BS-1 and evaluation of its in vitro immunosuppression activities. <i>Enzyme and Microbial Technology</i> , 2014 , 55, 113-20	3.8	15
119	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
118	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
117	Protecting Group-Free Syntheses of (4S,5S,11R)- and (4S,5S,11S)-iso-Cladospolide B and Their Biological Evaluation. <i>Synthesis</i> , 2012 , 44, 1663-1666	2.9	15
116	Antimicrobial activity from the extracts of fungal isolates of soil and dung samples from Kaziranga National Park, Assam, India. <i>Journal De Mycologie Medicale</i> , 2010 , 20, 283-289	3	15
115	Ferrocenyl chalcogeno (sugar) triazole conjugates: Synthesis, characterization and anticancer properties. <i>Journal of Organometallic Chemistry</i> , 2016 , 813, 125-130	2.3	15
114	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
113	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
112	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
111	Regioselective synthesis of 3-benzyl substituted pyrimidino chromen-2-ones and evaluation of anti-microbial and anti-biofilm activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 485-9	2.9	14
110	The First Stereoselective Total Synthesis of Putaminoxin E and Its Epimer and Evaluation of Their Biological Properties. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1253-1258	3.2	14
109	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
108	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
107	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
106	Synthesis of novel chromeno-annulated cis-fused pyrano[3,4-c]benzopyran and naphtho pyran derivatives via domino aldol-type/hetero Diels-Alder reaction and their cytotoxicity evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 4428-4434	2.9	13
105	(4-Ferrocenylphenyl)propargyl ether derived carbohydrate triazoles: influence of a hydrophobic linker on the electrochemical and cytotoxic properties. <i>New Journal of Chemistry</i> , 2014 , 38, 227-236	3.6	13
104	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
103	Synthesis of new chromeno-annulated cis-fused pyrano[4,3-c]isoxazole derivatives via intramolecular nitrene cycloaddition and their cytotoxicity evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 4061-6	2.9	13

102	Purification and biochemical characterization of feruloyl esterases from <i>Aspergillus terreus</i> MTCC 11096. <i>Biotechnology Progress</i> , 2013 , 29, 924-32	2.8	13
101	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
100	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
99	Status and Future Prospects of Fructooligosaccharides as Nutraceuticals 2018 , 451-503		13
98	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, 134-142	4.2	12
97	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
96	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
95	Total synthesis of desacetylumravumbolide, umravumbolide and their biological evaluation. <i>RSC Advances</i> , 2012 , 2, 7241	3.7	12
94	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
93	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
92	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
91	Feasibility of Sustaining Sugars in Sweet Sorghum Stalks During Post-Harvest Stage by Exploring Cultivars and Chemicals: A Desk Study. <i>Sugar Tech</i> , 2012 , 14, 21-25	1.9	11
90	Total synthesis and biological evaluation of clavaminol-G and its analogs. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 384-9	6.8	11
89	New bioactive macrocyclic diterpenoids from <i>Jatropha multifida</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6808-10	2.9	11
88	Arrowroot (<i>Marantha arundinacea</i>) starch as a new low-cost substrate for alkaline protease production. <i>World Journal of Microbiology and Biotechnology</i> , 2003 , 19, 757-762	4.4	11
87	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
86	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
85	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

84	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
83	Synthesis of fatty acid Schiff base esters as potential antimicrobial and chemotherapeutic agents. <i>Medicinal Chemistry Research</i> , 2013 , 22, 4360-4366	2.2	10
82	Metabolite profiling and biological activities of bioactive compounds produced by <i>Chrysosporium lobatum</i> strain BK-3 isolated from Kaziranga National Park, Assam, India. <i>SpringerPlus</i> , 2013 , 2, 122		10
81	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
80	Total synthesis of racemic and (R) and (S)-4-methoxyalkanoic acids and their antifungal activity. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 3124-9	6.8	10
79	Synthesis, characterization, and applications of nanobiomaterials for antimicrobial therapy 2016 , 103-152		10
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