

Anaya Raj Pokhrel

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

411
citations

759233

12
h-index

752698

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28
all docs

28
docs citations

28
times ranked

595
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethanolamine bacterial microcompartments: from structure, function studies to bioengineering applications. <i>Current Opinion in Microbiology</i> , 2021, 62, 28-37.	5.1	7
2	Engineering <i>Bacillus subtilis</i> for the formation of a durable living biocomposite material. <i>Nature Communications</i> , 2021, 12, 7133.	12.8	16
3	Exploration of cryptic organic photosensitive compound as Zincphyrin IV in <i>Streptomyces venezuelae</i> ATCC 15439. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 713-724.	3.6	8
4	<i>Streptomyces</i> sp. VN1, a producer of diverse metabolites including non-natural furan-type anticancer compound. <i>Scientific Reports</i> , 2020, 10, 1756.	3.3	34
5	High-Throughput Detection of Bacterial Community and Its Drug-Resistance Profiling From Local Reclaimed Wastewater Plants. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 303.	3.9	16
6	The effect of introducing antibiotics into organic light-emitting diodes. <i>Communications Physics</i> , 2019, 2, .	5.3	3
7	Engineering <i>Streptomyces peucetius</i> for Doxorubicin and Daunorubicin Biosynthesis. <i>Environmental Chemistry for A Sustainable World</i> , 2019, , 191-209.	0.5	7
8	Genome-guided exploration of metabolic features of <i>Streptomyces peucetius</i> ATCC 27952: past, current, and prospect. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4355-4370.	3.6	11
9	Biosynthesis of novel 7,8-dihydroxyflavone glycoside derivatives and <i>in silico</i> study of their effects on BACE1 inhibition. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 128-137.	3.1	9
10	Modular pathway engineering for resveratrol and piceatannol production in engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9691-9706.	3.6	17
11	Implication of orphan histidine kinase (OhkAsp) in biosynthesis of doxorubicin and daunorubicin in <i>Streptomyces peucetius</i> ATCC 27952. <i>Microbiological Research</i> , 2018, 214, 37-46.	5.3	4
12	Microbial production of astilbin, a bioactive rhamnosylated flavanonol, from taxifolin. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 36.	3.6	14
13	<i>Saccharopolyspora</i> Species: Laboratory Maintenance and Enhanced Production of Secondary Metabolites. <i>Current Protocols in Microbiology</i> , 2017, 44, 10H.1.1-10H.1.13.	6.5	7
14	Heterologous production of clavulanic acid intermediates in <i>Streptomyces venezuelae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 359-365.	2.6	5
15	Marine Rare Actinobacteria: Isolation, Characterization, and Strategies for Harnessing Bioactive Compounds. <i>Frontiers in Microbiology</i> , 2017, 8, 1106.	3.5	108
16	Genetic Manipulation of <i>Nocardia</i> Species. <i>Current Protocols in Microbiology</i> , 2016, 40, 10F.2.1-10F.2.18.	6.5	14
17	Enhanced production of nargenicin A1 and creation of a novel derivative using a synthetic biology platform. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9917-9931.	3.6	25
18	Overexpression of a pathway specific negative regulator enhances production of daunorubicin in <i>bldA</i> deficient <i>Streptomyces peucetius</i> ATCC 27952. <i>Microbiological Research</i> , 2016, 192, 96-102.	5.3	18

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19	Enhanced Production of Nargenicin A1 and Generation of Novel Glycosylated Derivatives. Applied Biochemistry and Biotechnology, 2015, 175, 2934-2949.	2.9	22
20	Structural modification of herboxidiene by substrate-flexible cytochrome P450 and glycosyltransferase. Applied Microbiology and Biotechnology, 2015, 99, 3421-3431.	3.6	11
21	Paired-termini antisense RNA mediated inhibition of DoxR in Streptomyces peucetius ATCC 27952. Biotechnology and Bioprocess Engineering, 2015, 20, 381-388.	2.6	6
22	Herboxidiene biosynthesis, production, and structural modifications: prospect for hybrids with related polyketide. Applied Microbiology and Biotechnology, 2015, 99, 8351-8362.	3.6	18
23	Metabolic Engineering of Rational Screened Saccharopolyspora spinosa for the Enhancement of Spinosyns A and D Production. Molecules and Cells, 2014, 37, 727-733.	2.6	17
24	Enzymatic glycosylation of the topical antibiotic mupirocin. Glycoconjugate Journal, 2014, 31, 563-572.	2.7	10
25	Current Status of Cut Flower Business in Nepal. Journal of Science, Engineering and Technology, 2010, 5, 87-98.	0.0	4