Estibaliz Sansinenea

List of Publications by Year
in descending order

68 papers	1,306 citations	394421 19 h-index	414414 32 g-index
79 all docs	79 docs citations	79 times ranked	1212 citing authors

#	Article	IF	Citations
1	Bacillus spp. as Bio-factories for Antifungal Secondary Metabolites: Innovation Beyond Whole Organism Formulations. Microbial Ecology, 2023, 86, 1-24.	2.8	24
2	Asymmetric Organocatalytic Syntheses of Bioactive Compounds. Current Organic Synthesis, 2022, 19, 148-165.	1.3	3
3	Biosynthesis and beneficial effects of microbial gibberellins on crops for sustainable agriculture. Journal of Applied Microbiology, 2022, 132, 1597-1615.	3.1	29
4	Bacillus thuringiensis based biopesticides for integrated crop management. , 2022, , 1-6.		3
5	Dual Trichoderma consortium mediated elevation of systemic defense response against early blight in potato. European Journal of Plant Pathology, 2022, 162, 681-696.	1.7	12
6	The Industrially Important Enzymes from Bacillus Species. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 89-99.	1.2	2
7	The Chemistry of Cyclopropanes and New Insights into Organocatalyzed Asymmetric Cyclopropanation. European Journal of Organic Chemistry, 2022, 2022, .	2.4	20
8	The Role of Beneficial Microorganisms in Soil Quality and Plant Health. Sustainability, 2022, 14, 5358.	3.2	41
9	Bacillus sp. Bacteriocins: Natural Weapons against Bacterial Enemies. Current Medicinal Chemistry, 2021, 28, .	2.4	8
10	Trichoderma spp. mediated induction of systemic defense response in brinjal against Sclerotinia sclerotiorum. Current Research in Microbial Sciences, 2021, 2, 100051.	2.3	10
11	Recent advancements for microorganisms and their natural compounds useful in agriculture. Applied Microbiology and Biotechnology, 2021, 105, 891-897.	3.6	23
12	Application of biofertilizers: Current worldwide status. , 2021, , 183-190.		6
13	Antimicrobial secondary metabolites from agriculturally important bacteria as next-generation pesticides. Applied Microbiology and Biotechnology, 2020, 104, 1013-1034.	3.6	83
14	A Strong Antifungal Activity of 7-O-Succinyl Macrolactin A vs Macrolactin A from Bacillus amyloliquefaciens ELI149. Current Microbiology, 2020, 77, 3409-3413.	2.2	19
15	Auxins of microbial origin and their use in agriculture. Applied Microbiology and Biotechnology, 2020, 104, 8549-8565.	3.6	75
16	Organocatalytic Synthesis of Chiral Spirooxindoles with Quaternary Stereogenic Centers. European Journal of Organic Chemistry, 2020, 2020, 5101-5118.	2.4	44
17	Indole alkaloid derivatives as building blocks of natural products from Bacillus thuringiensis and Bacillus velezensis and their antibacterial and antifungal activity study. Journal of Antibiotics, 2020, 73, 798-802.	2.0	21
18	"Syn-effectâ€•in asymmetric vinylogous alkylation of 3-[4-(N-phthalimide)-but-2-enoyl]oxazolidinone. Arkivoc, 2020, 2020, 181-192.	0.5	0

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19	Industrial Applications of Novel Compounds from Bacillus sp.. , 2020, , 81-88.		2
20	A wide spectrum of antibacterial activity of secondary metabolites from Bacillus amyloliquefaciens ELI149. Bioscience Journal, 2020, 36, .	0.4	3
21	Macrolactin Antibiotics: Amazing Natural Products. Mini-Reviews in Medicinal Chemistry, 2020, 20, 584-600.	2.4	18
22	Di[(R)-2-ethylhexyl] Phthalate, a Bioactive Metabolite First Isolated from Three Different Bacillus Species, and its Synthesis. Letters in Organic Chemistry, 2020, 17, 90-95.	0.5	1
23	Succinic Acid Production as Secondary Metabolite from Bacillus megaterium ELI24. Natural Products Journal, 2020, 10, 153-157.	0.3	5
24	Re-addressing the biosafety issues of plant growth promoting rhizobacteria. Science of the Total Environment, 2019, 690, 841-852.	8.0	94
25	Applications and Patents of Bacillus spp. in Agriculture. , 2019, , 133-146.		6
26	Antimicrobial secondary metabolites from agriculturally important fungi as next biocontrol agents. Applied Microbiology and Biotechnology, 2019, 103, 9287-9303.	3.6	68
27	Asymmetric synthesis of Î±,Î²-substituted Î³-amino acids via conjugate addition. Tetrahedron Letters, 2019, 60, 1741-1744.	1.4	4
28	Diastereoselective conjugate addition of organocuprates to N-[4-(Dibenzylaminobutenoyl)]oxazolidinone. Synthesis of chiral Î²-substituted Î³-aminoacids. Tetrahedron Letters, 2019, 60, 1646-1648.	1.4	3
29	Bacillus spp.: As Plant Growth-Promoting Bacteria. , 2019, , 225-237.		47
30	Chemical Compounds Produced by Bacillus sp. Factories and Their Role in Nature. Mini-Reviews in Medicinal Chemistry, 2019, 19, 373-380.	2.4	31
31	The Chemistry of Drugs to Treat Candida albicans. Current Topics in Medicinal Chemistry, 2019, 19, 2554-2566.	2.1	8
32	3,4-Dihydroisocoumarins, Interesting Natural Products: Isolation, Organic Syntheses and Biological Activities. Current Organic Synthesis, 2019, 16, 112-129.	1.3	9
33	Oxazolidine- and Oxazoline-2-thiones: An Update. Current Organic Synthesis, 2018, 14, .	1.3	1
34	Di-2-ethylhexylphthalate May Be a Natural Product, Rather than a Pollutant. Journal of Chemistry, 2018, 2018, 1-7.	1.9	23
35	Synthesis of 3-(7-Methylbenzo[d]oxazol-4-yl) Butanoic Acid: A Precursor of (+)-seco-Pseudopteroxazole and (+)-Pseudopteroxazole. Letters in Organic Chemistry, 2018, 15, 1030-1036.	0.5	1
36	Diastereoselective hydrogenation of Î±,Î²-unsaturated but-2-enamides to access the chiral 3-(p-tolyl) butanoic acids. Tetrahedron Letters, 2017, 58, 235-239.	1.4	5

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37	Characterisation of two novel bacteriocin-like substances produced by Bacillus amyloliquefaciens ELI149 with broad-spectrum antimicrobial activity. Journal of Global Antimicrobial Resistance, 2017, 11, 177-182.	2.2	42
38	Cyclic Dipeptides: Secondary Metabolites Isolated from Different Microorganisms with Diverse Biological Activities. Current Medicinal Chemistry, 2017, 24, 2773-2780.	2.4	34
39	Diketopiperazines derivatives isolated from Bacillus thuringiensis and Bacillus endophyticus , establishment of their configuration by X-ray and their synthesis. Tetrahedron Letters, 2016, 57, 2604-2607.	1.4	26
40	Cellular damage of plant pathogenic fungi by antifungal compounds produced by Bacillus spp. isolates. Chemistry and Ecology, 2016, 32, 722-732.	1.6	5
41	Regulatory Issues in Commercialization of Bacillus thuringiensis-Based Biopesticides. , 2016, , 69-80.		3
42	Antimycobacterial Natural Products from Marine Pseudopterogorgia elisabethae. Current Organic Synthesis, 2016, 13, 556-568.	1.3	11
43	Tuberculosis and New Treatments. Biochemistry & Pharmacology: Open Access, 2015, 04, .	0.2	0
44	An Ultra-Violet Tolerant Wild-Type Strain of Melanin-Producing Bacillus thuringiensis. Jundishapur Journal of Microbiology, 2015, 8, e20910.	0.5	21
45	â€˜ Syn-effect â€™ in the diastereoselective alkylation of 3-[(E)-Î±,Î²-unsaturated-Î³-substituted]- N -acyloxazolidinones. Tetrahedron, 2015, 71, 4590-4597.	1.9	3
46	Melanin: a photoprotection for Bacillus thuringiensis based biopesticides. Biotechnology Letters, 2015, 37, 483-490.	2.2	32
47	A Natural Curcumene Bisabolane Sesquiterpene: Syntheses and Recent Applications. Current Organic Synthesis, 2015, 12, 431-439.	1.3	3
48	Analysis of Bacillus thuringiensis Population Dynamics and Its Interaction With Pseudomonas fluorescens in Soil. Jundishapur Journal of Microbiology, 2015, 8, e27953.	0.5	8
49	Melanin: A Solution for Photoprotection of Bacillus thuringiensis Based Biopesticides. Biochemistry & Pharmacology: Open Access, 2014, 03, .	0.2	2
50	Lethal effects of a Mexican Beauveria bassiana (Balsamo) strain against Meccus pallidipennis (Stal). Brazilian Journal of Microbiology, 2014, 45, 551-557.	2.0	7
51	Crystal structure of (E)-1-(2-nitrobenzylidene)-2,2-diphenylhydrazine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o909-o910.	0.2	1
52	Antitubercular Natural Terpenoids: Recent Developments and Syntheses. Current Organic Synthesis, 2014, 11, 545-591.	1.3	8
53	Zwittermicin A: A Promising Aminopolyol Antibiotic from Biocontrol Bacteria. Current Organic Chemistry, 2012, 16, 978-987.	1.6	12
54	Discovery and Description of Bacillus thuringiensis. , 2012, , 3-18.		7

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55	Diastereoselective alkylations of oxazolidinone vinylogous glycolates. Tetrahedron Letters, 2012, 53, 4775-4778.	1.4	4
56	The Role of Entomopathogenic Bacillus Thuringiensis: Is It Only Insect Pathogen?. Biochemistry & Pharmacology: Open Access, 2012, 01, .	0.2	3
57	Modern Systems on Internet at the Service of Interaction Between Biochemistry and Pharmacology Fields. Biochemistry & Pharmacology: Open Access, 2012, 01, .	0.2	1
58	Synthetic Thiazolidinediones: Potential Antidiabetic Compounds. Current Organic Chemistry, 2011, 15, 108-127.	1.6	12
59	Secondary metabolites of soil Bacillus spp.. Biotechnology Letters, 2011, 33, 1523-1538.	2.2	191
60	Genetic manipulation in Bacillus thuringiensis for strain improvement. Biotechnology Letters, 2010, 32, 1549-1557.	2.2	12
61	Rearrangement of oxazolidinethiones to thiazolidinediones or thiazinanediones and their application for the synthesis of chiral allylic ureas and Î±-methyl-Î²-amino acids. Tetrahedron, 2010, 66, 111-120.	1.9	10
62	Rearrangement of 5-phenylthiazolidine-2,4-diones to chiral Î±-ketoamides via Î±-elimination. Tetrahedron Letters, 2010, 51, 6041-6044.	1.4	9
63	Bacterial Siderophores Containing a Thiazoline Ring. Mini-Reviews in Organic Chemistry, 2009, 6, 120-127.	1.3	10
64	Asymmetric Aldol Additions with a Titanium Enolate of N-Thioglycolyl Oxazolidinethione. Letters in Organic Chemistry, 2007, 4, 456-461.	0.5	5
65	The synthetic versatility of oxazolidinethiones. Journal of Sulfur Chemistry, 2007, 28, 109-147.	2.0	28
66	Novel rearrangement of N-enoyl oxazolidinethiones to N-substituted 1,3-thiazine-2,4-diones promoted by NbCl5. Tetrahedron Letters, 2006, 47, 1153-1156.	1.4	21
67	Synthesis of N-Substituted 2,4-Thiazolidinediones from Oxazolidinethiones.. ChemInform, 2006, 37, no.	0.0	0
68	Synthesis of N-substituted 2,4-thiazolidinediones from oxazolidinethiones. Tetrahedron Letters, 2005, 46, 7867-7870.	1.4	11