

Estibaliz Sansinenea

List of Publications by Year in descending order

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Version: 2024-02-01

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	Secondary metabolites of soil <i>Bacillus</i> spp.. <i>Biotechnology Letters</i> , 2011, 33, 1523-1538.	2.2	191
2	Re-addressing the biosafety issues of plant growth promoting rhizobacteria. <i>Science of the Total Environment</i> , 2019, 690, 841-852.	8.0	94
3	Antimicrobial secondary metabolites from agriculturally important bacteria as next-generation pesticides. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1013-1034.	3.6	83
4	Auxins of microbial origin and their use in agriculture. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8549-8565.	3.6	75
5	Antimicrobial secondary metabolites from agriculturally important fungi as next biocontrol agents. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9287-9303.	3.6	68
6	<i>Bacillus</i> spp.: As Plant Growth-Promoting Bacteria. , 2019, , 225-237.		47
7	Organocatalytic Synthesis of Chiral Spirooxindoles with Quaternary Stereogenic Centers. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5101-5118.	2.4	44
8	Characterisation of two novel bacteriocin-like substances produced by <i>Bacillus amyloliquefaciens</i> EL1149 with broad-spectrum antimicrobial activity. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 11, 177-182.	2.2	42
9	The Role of Beneficial Microorganisms in Soil Quality and Plant Health. <i>Sustainability</i> , 2022, 14, 5358.	3.2	41
10	Cyclic Dipeptides: Secondary Metabolites Isolated from Different Microorganisms with Diverse Biological Activities. <i>Current Medicinal Chemistry</i> , 2017, 24, 2773-2780.	2.4	34
11	Melanin: a photoprotection for <i>Bacillus thuringiensis</i> based biopesticides. <i>Biotechnology Letters</i> , 2015, 37, 483-490.	2.2	32
12	Chemical Compounds Produced by <i>Bacillus</i> sp. Factories and Their Role in Nature. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 373-380.	2.4	31
13	Biosynthesis and beneficial effects of microbial gibberellins on crops for sustainable agriculture. <i>Journal of Applied Microbiology</i> , 2022, 132, 1597-1615.	3.1	29
14	The synthetic versatility of oxazolidinethiones. <i>Journal of Sulfur Chemistry</i> , 2007, 28, 109-147.	2.0	28
15	Diketopiperazines derivatives isolated from <i>Bacillus thuringiensis</i> and <i>Bacillus endophyticus</i> , establishment of their configuration by X-ray and their synthesis. <i>Tetrahedron Letters</i> , 2016, 57, 2604-2607.	1.4	26
16	<i>Bacillus</i> spp. as Bio-factories for Antifungal Secondary Metabolites: Innovation Beyond Whole Organism Formulations. <i>Microbial Ecology</i> , 2023, 86, 1-24.	2.8	24
17	Di-2-ethylhexylphthalate May Be a Natural Product, Rather than a Pollutant. <i>Journal of Chemistry</i> , 2018, 2018, 1-7.	1.9	23
18	Recent advancements for microorganisms and their natural compounds useful in agriculture. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 891-897.	3.6	23

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19	Novel rearrangement of N-enoyl oxazolidinethiones to N-substituted 1,3-thiazine-2,4-diones promoted by NbCl ₅ . <i>Tetrahedron Letters</i> , 2006, 47, 1153-1156.	1.4	21
20	An Ultra-Violet Tolerant Wild-Type Strain of Melanin-Producing <i>Bacillus thuringiensis</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e20910.	0.5	21
21	Indole alkaloid derivatives as building blocks of natural products from <i>Bacillus thuringiensis</i> and <i>Bacillus velezensis</i> and their antibacterial and antifungal activity study. <i>Journal of Antibiotics</i> , 2020, 73, 798-802.	2.0	21
22	The Chemistry of Cyclopropanes and New Insights into Organocatalyzed Asymmetric Cyclopropanation. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	20
23	A Strong Antifungal Activity of 7-O-Succinyl Macrolactin A vs Macrolactin A from <i>Bacillus amyloliquefaciens</i> ELI149. <i>Current Microbiology</i> , 2020, 77, 3409-3413.	2.2	19
24	Macrolactin Antibiotics: Amazing Natural Products. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 584-600.	2.4	18
25	Genetic manipulation in <i>Bacillus thuringiensis</i> for strain improvement. <i>Biotechnology Letters</i> , 2010, 32, 1549-1557.	2.2	12
26	Synthetic Thiazolidinediones: Potential Antidiabetic Compounds. <i>Current Organic Chemistry</i> , 2011, 15, 108-127.	1.6	12
27	Zwittermicin A: A Promising Aminopolyol Antibiotic from Biocontrol Bacteria. <i>Current Organic Chemistry</i> , 2012, 16, 978-987.	1.6	12
28	Dual <i>Trichoderma</i> consortium mediated elevation of systemic defense response against early blight in potato. <i>European Journal of Plant Pathology</i> , 2022, 162, 681-696.	1.7	12
29	Synthesis of N-substituted 2,4-thiazolidinediones from oxazolidinethiones. <i>Tetrahedron Letters</i> , 2005, 46, 7867-7870.	1.4	11
30	Antimycobacterial Natural Products from Marine Pseudopterogorgia <i>elisabethae</i> . <i>Current Organic Synthesis</i> , 2016, 13, 556-568.	1.3	11
31	Rearrangement of oxazolidinethiones to thiazolidinediones or thiazinanediones and their application for the synthesis of chiral allylic ureas and 1±-methyl-1 ² -amino acids. <i>Tetrahedron</i> , 2010, 66, 111-120.	1.9	10
32	<i>Trichoderma</i> spp. mediated induction of systemic defense response in brinjal against <i>Sclerotinia sclerotiorum</i> . <i>Current Research in Microbial Sciences</i> , 2021, 2, 100051.	2.3	10
33	Bacterial Siderophores Containing a Thiazoline Ring. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 120-127.	1.3	10
34	Rearrangement of 5-phenylthiazolidine-2,4-diones to chiral 1±-ketoamides via 1±-elimination. <i>Tetrahedron Letters</i> , 2010, 51, 6041-6044.	1.4	9
35	3,4-Dihydroisocoumarins, Interesting Natural Products: Isolation, Organic Syntheses and Biological Activities. <i>Current Organic Synthesis</i> , 2019, 16, 112-129.	1.3	9
36	<i>Bacillus</i> sp. Bacteriocins: Natural Weapons against Bacterial Enemies. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	8

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37	The Chemistry of Drugs to Treat <i>Candida albicans</i> . <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2554-2566.	2.1	8
38	Antitubercular Natural Terpenoids: Recent Developments and Syntheses. <i>Current Organic Synthesis</i> , 2014, 11, 545-591.	1.3	8
39	Analysis of <i>Bacillus thuringiensis</i> Population Dynamics and Its Interaction With <i>Pseudomonas fluorescens</i> in Soil. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e27953.	0.5	8
40	Discovery and Description of <i>Bacillus thuringiensis</i> . , 2012, , 3-18.		7
41	Lethal effects of a Mexican <i>Beauveria bassiana</i> (Balsamo) strain against <i>Meccus pallidipennis</i> (Stal). <i>Brazilian Journal of Microbiology</i> , 2014, 45, 551-557.	2.0	7
42	Applications and Patents of <i>Bacillus</i> spp. in Agriculture. , 2019, , 133-146.		6
43	Application of biofertilizers: Current worldwide status. , 2021, , 183-190.		6
44	Asymmetric Aldol Additions with a Titanium Enolate of N-Thioglycolyl Oxazolidinethione. <i>Letters in Organic Chemistry</i> , 2007, 4, 456-461.	0.5	5
45	Cellular damage of plant pathogenic fungi by antifungal compounds produced by <i>Bacillus</i> spp. isolates. <i>Chemistry and Ecology</i> , 2016, 32, 722-732.	1.6	5
46	Diastereoselective hydrogenation of $\hat{1}\pm, \hat{1}^2$ -unsaturated but-2-enamides to access the chiral 3-(p-tolyl) butanoic acids. <i>Tetrahedron Letters</i> , 2017, 58, 235-239.	1.4	5
47	Succinic Acid Production as Secondary Metabolite from <i>Bacillus megaterium</i> ELI24. <i>Natural Products Journal</i> , 2020, 10, 153-157.	0.3	5
48	Diastereoselective alkylations of oxazolidinone vinylogous glycolates. <i>Tetrahedron Letters</i> , 2012, 53, 4775-4778.	1.4	4
49	Asymmetric synthesis of $\hat{1}\pm, \hat{1}^2$ -substituted $\hat{1}^3$ -amino acids via conjugate addition. <i>Tetrahedron Letters</i> , 2019, 60, 1741-1744.	1.4	4
50	The Role of Entomopathogenic <i>Bacillus Thuringiensis</i> : Is It Only Insect Pathogen?. <i>Biochemistry & Pharmacology: Open Access</i> , 2012, 01, .	0.2	3
51	â€ Syn-effect â€™ in the diastereoselective alkylation of 3-[(E)- $\hat{1}\pm, \hat{1}^2$ -unsaturated- $\hat{1}^3$ -substituted]- N -acyloxazolidinones. <i>Tetrahedron</i> , 2015, 71, 4590-4597.	1.9	3
52	Diastereoselective conjugate addition of organocuprates to N-[4-(Dibenzylaminobutenoyl)]oxazolidinone. Synthesis of chiral $\hat{1}^2$ -substituted $\hat{1}^3$ -aminoacids. <i>Tetrahedron Letters</i> , 2019, 60, 1646-1648.	1.4	3
53	Asymmetric Organocatalytic Syntheses of Bioactive Compounds. <i>Current Organic Synthesis</i> , 2022, 19, 148-165.	1.3	3
54	Regulatory Issues in Commercialization of <i>Bacillus thuringiensis</i> -Based Biopesticides. , 2016, , 69-80.		3

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55	A wide spectrum of antibacterial activity of secondary metabolites from <i>Bacillus amyloliquefaciens</i> ELI149. <i>Bioscience Journal</i> , 2020, 36, .	0.4	3
56	A Natural Curcumene Bisabolane Sesquiterpene: Syntheses and Recent Applications. <i>Current Organic Synthesis</i> , 2015, 12, 431-439.	1.3	3
57	<i>Bacillus thuringiensis</i> based biopesticides for integrated crop management. , 2022, , 1-6.		3
58	Melanin: A Solution for Photoprotection of <i>Bacillus thuringiensis</i> Based Biopesticides. <i>Biochemistry & Pharmacology: Open Access</i> , 2014, 03, .	0.2	2
59	Industrial Applications of Novel Compounds from <i>Bacillus</i> sp. , 2020, , 81-88.		2
60	The Industrially Important Enzymes from <i>Bacillus</i> Species. <i>Bacilli in Climate Resilient Agriculture and Bioprospecting</i> , 2022, , 89-99.	1.2	2
61	Crystal structure of (E)-1-(2-nitrobenzylidene)-2,2-diphenylhydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o909-o910.	0.2	1
62	Oxazolidine- and Oxazoline-2-thiones: An Update. <i>Current Organic Synthesis</i> , 2018, 14, .	1.3	1
63	Synthesis of 3-(7-Methylbenzo[d]oxazol-4-yl) Butanoic Acid: A Precursor of (+)-seco-Pseudopterinoxazole and (+)-Pseudopterinoxazole. <i>Letters in Organic Chemistry</i> , 2018, 15, 1030-1036.	0.5	1
64	Di[(R)-2-ethylhexyl] Phthalate, a Bioactive Metabolite First Isolated from Three Different <i>Bacillus</i> Species, and its Synthesis. <i>Letters in Organic Chemistry</i> , 2020, 17, 90-95.	0.5	1
65	Modern Systems on Internet at the Service of Interaction Between Biochemistry and Pharmacology Fields. <i>Biochemistry & Pharmacology: Open Access</i> , 2012, 01, .	0.2	1
66	Synthesis of N-Substituted 2,4-Thiazolidinediones from Oxazolidinethiones.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
67	Tuberculosis and New Treatments. <i>Biochemistry & Pharmacology: Open Access</i> , 2015, 04, .	0.2	0
68	"Syn-effectâ€•in asymmetric vinylogous alkylation of 3-[4-(N-phthalimide)-but-2-enoyl]oxazolidinone. <i>Arkivoc</i> , 2020, 2020, 181-192.	0.5	0