Gloria Blanco Blanco

List of Publications by Year
in descending order

51	1,553	218592	315616
papers	citations	26 h-index	38 g-index

52	52	52	1520
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioactive Natural Products in Actinobacteria Isolated in Rainwater From Storm Clouds Transported by Western Winds in Spain. Frontiers in Microbiology, 2021, 12, 773095.	1.5	12
2	Desertomycin G, a New Antibiotic with Activity against Mycobacterium tuberculosis and Human Breast Tumor Cell Lines Produced by Streptomyces althioticus MSM3, Isolated from the Cantabrian Sea Intertidal Macroalgae Ulva sp.. Marine Drugs, 2019, 17, 114.	2.2	35
3	Early assessment of gilthead sea bream (Sparus aurata) spawning dynamics by mini-broodstocks. Aquaculture Research, 2018, 49, 36-47.	0.9	5
4	New 3-Hydroxyquinaldic Acid Derivatives from Cultures of the Marine Derived Actinomycete Streptomyces cyaneofuscatus M-157. Marine Drugs, 2018, 16, 371.	2.2	31
5	Anthracimycin B, a Potent Antibiotic against Gram-Positive Bacteria Isolated from Cultures of the Deep-Sea Actinomycete Streptomyces cyaneofuscatus M-169. Marine Drugs, 2018, 16, 406.	2.2	34
6	Atmospheric Precipitations, Hailstone and Rainwater, as a Novel Source of Streptomyces Producing Bioactive Natural Products. Frontiers in Microbiology, 2018, 9, 773.	1.5	21
7	SNP-haplotypes: An accurate approach for parentage and relatedness inference in gilthead sea bream (Sparus aurata). Aquaculture, 2018, 495, 582-591.	1.7	9
8	Branimycins B and C, Antibiotics Produced by the Abyssal Actinobacterium Pseudonocardia carboxydivorans M-227. Journal of Natural Products, 2017, 80, 569-573.	1.5	46
9	Pharmacological Potential of Phylogenetically Diverse Actinobacteria Isolated from Deep-Sea Coral Ecosystems of the Submarine AvilÃ©s Canyon in the Cantabrian Sea. Microbial Ecology, 2017, 73, 338-352.	1.4	33
10	Lobophorin K, a New Natural Product with Cytotoxic Activity Produced by Streptomyces sp. M-207 Associated with the Deep-Sea Coral Lophelia pertusa. Marine Drugs, 2017, 15, 144.	2.2	58
11	Paulomycin G, a New Natural Product with Cytotoxic Activity against Tumor Cell Lines Produced by Deep-Sea Sediment Derived Micromonospora matsumotoense M-412 from the AvilÃ©s Canyon in the Cantabrian Sea. Marine Drugs, 2017, 15, 271.	2.2	42
12	Atmospheric Dispersal of Bioactive Streptomyces albidoflavus Strains Among Terrestrial and Marine Environments. Microbial Ecology, 2016, 71, 375-386.	1.4	25
13	Myceligenerans cantabricum sp. nov., a barotolerant actinobacterium isolated from a deep cold-water coral. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1328-1334.	0.8	23
14	Two Streptomyces Species Producing Antibiotic, Antitumor, and Anti-Inflammatory Compounds Are Widespread Among Intertidal Macroalgae and Deep-Sea Coral Reef Invertebrates from the Central Cantabrian Sea. Microbial Ecology, 2015, 69, 512-524.	1.4	56
15	Microsatellites and multiplex PCRs for assessing aquaculture practices of the grooved carpet shell Ruditapes decussatus in Spain. Aquaculture, 2014, 426-427, 49-59.	1.7	32
16	Activation and silencing of secondary metabolites in Streptomyces albus and Streptomyces lividans after transformation with cosmids containing the thienamycin gene cluster from Streptomyces cattleya. Archives of Microbiology, 2014, 196, 345-355.	1.0	31
17	Mitochondrial DNA and microsatellite genetic differentiation in the European anchovy Engraulis encrasicolus L.. ICES Journal of Marine Science, 2012, 69, 1357-1371.	1.2	35
18	Comparative analysis of a cryptic thienamycin-like gene cluster identified in Streptomyces flavogriseus by genome mining. Archives of Microbiology, 2012, 194, 549-555.	1.0	9

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19	A parentage study using microsatellite loci in a pilot project for aquaculture of the European anchovy Engraulis encrasicolus L.. Aquaculture, 2011, 310, 305-311.	1.7	23
20	Assessment of parental contributions to fast- and slow-growing progenies in the sea bream Sparus aurata L. using a new multiplex PCR. Aquaculture, 2011, 314, 58-65.	1.7	32
21	Characterization of the gilthead seabream (Sparus aurata L.) transferrin gene: Genomic structure, constitutive expression and SNP variation. Fish and Shellfish Immunology, 2011, 31, 548-56.	1.6	14
22	Mutational Analysis of the Thienamycin Biosynthetic Gene Cluster from Streptomyces cattleya. Antimicrobial Agents and Chemotherapy, 2011, 55, 1638-1649.	1.4	17
23	Transcriptional organization of ThnI-regulated thienamycin biosynthetic genes in Streptomyces cattleya. Journal of Antibiotics, 2010, 63, 135-138.	1.0	3
24	Spatial and temporal variation of genetic diversity and estimation of effective population sizes in Atlantic salmon (Salmo salar, L.) populations from Asturias (Northern Spain) using microsatellites. Conservation Genetics, 2008, 9, 807-819.	0.8	12
25	Spatiotemporal genetic differentiation of Cuban natural populations of the pink shrimp Farfantepenaeus notialis. Genetica, 2008, 133, 283-294.	0.5	12
26	Identification of transcriptional activators for thienamycin and cephamycin C biosynthetic genes within the thienamycin gene cluster from Streptomyces cattleya. Molecular Microbiology, 2008, 69, 633-645.	1.2	46
27	Assessing the spawning season in common dentex (Dentex dentex) using microsatellites. Aquaculture Research, 2008, 39, 1258-1267.	0.9	9
28	Use of microsatellites and a combinatorial optimization approach in the acquisition of gilthead seabream (Sparus aurata L.) broodstocks for hatcheries. Aquaculture, 2007, 269, 200-210.	1.7	23
29	Spatial and temporal genetic analysis of the Cuban white shrimp Penaeus (Litopenaeus) schmitti. Aquaculture, 2007, 272, S125-S138.	1.7	6
30	Applying microsatellites to the management of farmed turbot stocks (Scophthalmus maximus L.) in hatcheries. Aquaculture, 2004, 241, 133-150.	1.7	39
31	The Biosynthetic Gene Cluster for the Î²-Lactam Carbapenem Thienamycin in Streptomyces cattleya. Chemistry and Biology, 2003, 10, 301-311.	6.2	84
32	Rationally Designed Glycosylated Premithramycins:Â Hybrid Aromatic Polyketides Using Genes from Three Different Biosynthetic Pathways. Journal of the American Chemical Society, 2002, 124, 6056-6062.	6.6	82
33	Hybrid compounds generated by the introduction of a nogalamycin-producing plasmid into Streptomyces argillaceus. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1818-1825.	1.3	8
34	Phylogeographical lineages in brown trout (Salmo trutta): investigating microgeographical differentiation between native populations from Northern Spain. Freshwater Biology, 2002, 47, 1879-1892.	1.2	8
35	Deoxysugar Methylation during Biosynthesis of the Antitumor Polyketide Elloramycin by Streptomyces olivaceus. Journal of Biological Chemistry, 2001, 276, 18765-18774.	1.6	57
36	Identification of a sugar flexible glycosyltransferase from Streptomyces olivaceus, the producer of the antitumor polyketide elloramycin. Chemistry and Biology, 2001, 8, 253-263.	6.2	82

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37	Identification of a growth phase-dependent promoter in the rplJL operon of Streptomyces coelicolor A3(2). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1517, 243-249.	2.4	5
38	Towards the Generation of Novel Antitumour Agents from Actinomycetes by Combinational Biosynthesis. Focus on Biotechnology, 2001, , 383-399.	0.4	0
39	Oxidative cleavage of premithramycin B is one of the last steps in the biosynthesis of the antitumor drug mithramycin. Chemistry and Biology, 1999, 6, 19-30.	6.2	78
40	Novel Hybrid Tetracenomycins through Combinatorial Biosynthesis Using a Glycosyltransferase Encoded by the elm Genes in Cosmid 16F4 and Which Shows a Broad Sugar Substrate Specificity. Journal of the American Chemical Society, 1998, 120, 10596-10601.	6.6	64
41	Cloning, sequencing and transcriptional analysis of a Streptomyces coelicolor operon containing the rplM and rpsI genes encoding ribosomal proteins ScoL13 and ScoS9. Molecular Genetics and Genomics, 1997, 257, 91-96.	2.4	3
42	Folding of the polyketide chain is not dictated by minimal polyketide synthase in the biosynthesis of mithramycin and anthracycline. Chemistry and Biology, 1997, 4, 751-755.	6.2	19
43	Tetracenomycin M, a Novel Genetically Engineered Tetracenomycin Resulting from a Combination of Mithramycin and Tetracenomycin Biosynthetic Genes. Chemistry - A European Journal, 1997, 3, 1675-1678.	1.7	34
44	Characterization of Streptomyces argillaceus genes encoding a polyketide synthase involved in the biosynthesis of the antitumor mithramycin. Gene, 1996, 172, 87-91.	1.0	102
45	Deciphering the biosynthetic origin of the aglycone of the aureolic acid group of anti-tumor agents. Chemistry and Biology, 1996, 3, 193-196.	6.2	42
46	Synthesis of ribosomal proteins during growth of Streptomyces coelicolor. Molecular Microbiology, 1994, 12, 375-385.	1.2	33
47	Hybridization and DNA sequence analyses suggest an early evolutionary divergence of related biosynthetic gene sets encoding polyketide antibiotics and spore pigments in Streptomyces spp.. Gene, 1993, 130, 107-116.	1.0	37
48	The nucleotide sequence of the L10 equivalent ribosomal protein gene ofStreptomyces antibioticus. Nucleic Acids Research, 1992, 20, 5223-5223.	6.5	2
49	Cloning and sequence of a gene encoding the L7/L12 ribosomal protein equivalent of Streptomyces antibioticus. Gene, 1992, 118, 127-129.	1.0	10
50	Cloning and disruption of a fragment of Streptomyces halstedii DNA involved in the biosynthesis of a spore pigment. Gene, 1992, 112, 59-65.	1.0	28
51	Usefulness of microsatellite markers developed from Pagellus bogaraveo to genetically study five different species of Sparidae. Marine Ecology, 0, 28, 184-187.	0.4	2