

JosÃ© Luis Copa-PatiÃ±o

List of Publications by Year in descending order

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65
papers

1,582
citations

331538

21
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315616

38
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66
all docs

66
docs citations

66
times ranked

1893
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of sugar esters in solvent mixtures by lipases from <i>Thermomyces lanuginosus</i> and <i>Candida antarctica</i> B, and their antimicrobial properties. <i>Enzyme and Microbial Technology</i> , 2005, 36, 391-398.	1.6	219
2	The white-rot fungus <i>Pleurotus ostreatus</i> secretes laccase isozymes with different substrate specificities. <i>Mycologia</i> , 2003, 95, 1013-1020.	0.8	92
3	Carbosilane cationic dendrimers synthesized by thiol-ene click chemistry and their use as antibacterial agents. <i>RSC Advances</i> , 2014, 4, 1256-1265.	1.7	73
4	Amine and ammonium functionalization of chloromethylsilane-ended dendrimers. Antimicrobial activity studies. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3264.	1.5	65
5	Water-stable ammonium-terminated carbosilane dendrimers as efficient antibacterial agents. <i>Dalton Transactions</i> , 2009, , 8704.	1.6	64
6	Hyperbranched polymers versus dendrimers containing a carbosilane framework and terminal ammonium groups as antimicrobial agents. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5238.	1.5	59
7	Growth and release of hydroxycinnamic acids from Brewer's spent grain by <i>Streptomyces avermitilis</i> CECT 3339. <i>Enzyme and Microbial Technology</i> , 2003, 32, 140-144.	1.6	56
8	Studies of the production and characterization of laccase activity in the basidiomycete <i>Coriopsis gallica</i> , an efficient decolorizer of alkaline effluents. <i>Archives of Microbiology</i> , 1998, 171, 31-36.	1.0	54
9	Genomes of <i>Spiribacter</i> , a streamlined, successful halophilic bacterium. <i>BMC Genomics</i> , 2013, 14, 787.	1.2	54
10	Structure-activity relationship study of cationic carbosilane dendritic systems as antibacterial agents. <i>RSC Advances</i> , 2016, 6, 7022-7033.	1.7	45
11	Antibacterial and antifungal properties of dendronized silver and gold nanoparticles with cationic carbosilane dendrons. <i>International Journal of Pharmaceutics</i> , 2017, 528, 55-61.	2.6	45
12	The White-Rot Fungus <i>Pleurotus ostreatus</i> Secretes Laccase Isozymes with Different Substrate Specificities. <i>Mycologia</i> , 2003, 95, 1013.	0.8	39
13	In vitro anti- <i>Acanthamoeba</i> synergistic effect of chlorhexidine and cationic carbosilane dendrimers against both trophozoite and cyst forms. <i>International Journal of Pharmaceutics</i> , 2016, 509, 1-7.	2.6	37
14	Release of ferulic acid and feruloylated oligosaccharides from sugar beet pulp by <i>Streptomyces tendae</i> . <i>Bioresource Technology</i> , 2007, 98, 1522-1528.	4.8	36
15	<i>Halomonas ilicicola</i> sp. nov., a moderately halophilic bacterium isolated from a saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 578-582.	0.8	36
16	Production and initial characterisation of the xylan-degrading system of <i>Phanerochaete chrysosporium</i> . <i>Applied Microbiology and Biotechnology</i> , 1993, 40, 69.	1.7	32
17	<i>Algoriphagus hitonicola</i> sp. nov., isolated from an athalassohaline lagoon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 424-428.	0.8	32
18	Evaluation of the activity of new cationic carbosilane dendrimers on trophozoites and cysts of <i>Acanthamoeba polyphaga</i> . <i>Parasitology Research</i> , 2015, 114, 473-486.	0.6	30

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19	Carbosilane Dendronâ€™Peptide Nanoconjugates as Antimicrobial Agents. <i>Molecular Pharmaceutics</i> , 2019, 16, 2661-2674.	2.3	27
20	A <i>Phanerochaete chrysosporium</i> Î²-d-glucosidase/Î²-d-xylosidase with specificity for (1 â†’ 3)-Î²-d-glucan linkages. <i>Carbohydrate Research</i> , 1994, 253, 265-275.	1.1	26
21	Synthesis, characterization and antibacterial behavior of water-soluble carbosilane dendrons containing ferrocene at the focal point. <i>Dalton Transactions</i> , 2015, 44, 19294-19304.	1.6	24
22	Ammonium and guanidine carbosilane dendrimers and dendrons as microbicides. <i>European Polymer Journal</i> , 2018, 101, 159-168.	2.6	23
23	Production and characterization of ferulic acid esterase activity in crude extracts by <i>Streptomyces avermitilis</i> CECT 3339. <i>Applied Microbiology and Biotechnology</i> , 1998, 50, 213-218.	1.7	21
24	Screening of mannanases in actinomycetes and their potential application in the biobleaching of pine kraft pulps. <i>Applied Microbiology and Biotechnology</i> , 1999, 52, 240-245.	1.7	21
25	<i>Acanthamoeba castellanii</i> : in vitro UAH-T17c3 trophozoite growth study in different culture media. <i>Parasitology Research</i> , 2012, 110, 2563-2567.	0.6	21
26	Application of the affinity binding of xylanases to oat-spelt xylan in the purification of endoxylanase CM-2 from <i>Streptomyces chattanoogensis</i> CECT 3336. <i>Applied Microbiology and Biotechnology</i> , 1998, 50, 284-287.	1.7	20
27	Purification and properties of a chitinase from <i>Penicillium oxalicum</i> autolysates. <i>Letters in Applied Microbiology</i> , 1995, 20, 46-49.	1.0	19
28	<i>Streptomyces avermitilis</i> CECT 3339 produces a ferulic acid esterase able to release ferulic acid from sugar beet pulp soluble feruloylated oligosaccharides. <i>Journal of the Science of Food and Agriculture</i> , 1999, 79, 440-442.	1.7	19
29	Antibacterial Effect of Carbosilane Metallo-dendrimers in Planktonic Cells of Gram-Positive and Gram-Negative Bacteria and <i>Staphylococcus aureus</i> Biofilm. <i>Biomolecules</i> , 2019, 9, 405.	1.8	19
30	In vitro comparative assessment of different viability assays in <i>Acanthamoeba castellanii</i> and <i>Acanthamoeba polyphaga</i> trophozoites. <i>Parasitology Research</i> , 2013, 112, 4087-4095.	0.6	18
31	Characterization of a humanâ€™pathogenic<i> <i>Acanthamoeba griffini</i> </i> isolated from a contact lens-wearing keratitis patient in Spain. <i>Parasitology</i> , 2015, 142, 363-373.	0.7	18
32	<i>Spiribacter curvatus</i> sp. nov., a moderately halophilic bacterium isolated from a saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4638-4643.	0.8	18
33	In vitro evaluation of the effectiveness of new water-stable cationic carbosilane dendrimers against <i>Acanthamoeba castellanii</i> UAH-T17c3 trophozoites. <i>Parasitology Research</i> , 2013, 112, 961-969.	0.6	17
34	In Vitro Activity of Carbosilane Cationic Dendritic Molecules on Prevention and Treatment of <i>Candida Albicans</i> Biofilms. <i>Pharmaceutics</i> , 2020, 12, 918.	2.0	17
35	Cephalosporin C acylase in the autolysis of filamentous fungi. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 42, 128-131.	1.2	16
36	The effects of culture media on the production of xylan-degrading enzymes by <i>Streptomyces chattanoogensis</i> UAH 23. <i>Journal of Basic Microbiology</i> , 1995, 35, 405-412.	1.8	15

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37	A type D ferulic acid esterase from <i>Streptomyces werraensis</i> affects the volume of wheat dough pastries. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1269-1279.	1.7	14
38	Ultrastructural Study of <i>Acanthamoeba polyphaga</i> Trophozoites and Cysts Treated In Vitro with Cationic Carbosilane Dendrimers. <i>Pharmaceutics</i> , 2020, 12, 565.	2.0	12
39	Bacteria capture with magnetic nanoparticles modified with cationic carbosilane dendritic systems. <i>Materials Science and Engineering C</i> , 2022, 133, 112622.	3.8	12
40	Chitinolytic activity produced by <i>Penicillium oxalicum</i> in different culture media. <i>Letters in Applied Microbiology</i> , 1993, 16, 69-71.	1.0	11
41	Study of susceptibility to antibiotics and molecular characterization of high virulence <i>Staphylococcus aureus</i> strains isolated from a rural hospital in Ethiopia. <i>PLoS ONE</i> , 2020, 15, e0230031.	1.1	10
42	Strategies for penicillin V dendronization with cationic carbosilane dendrons and study of antibacterial properties. <i>Canadian Journal of Chemistry</i> , 2017, 95, 927-934.	0.6	9
43	Silver (I) N-Heterocyclic Carbenes Carbosilane Dendritic Systems and Their Imidazolium-Terminated Analogues as Antibacterial Agents: Study of Their Mode of Action. <i>Pharmaceutics</i> , 2020, 12, 968.	2.0	9
44	Polarimetry and ¹³ C n.m.r. show that the hydrolyses of ¹² -d-glucopyranosyl fluoride by ¹² (1 \rightarrow 3)-glucanases from <i>Phanerochaete chrysosporium</i> and <i>Sporotrichum dimorphosporum</i> have opposite stereochemistries. <i>Biochemical Journal</i> , 1993, 293, 591-594.	1.7	8
45	A ¹² -N-acetylhexosaminidase from <i>Penicillium oxalicum</i> implicated in its cell-wall degradation. <i>Letters in Applied Microbiology</i> , 1994, 19, 217-220.	1.0	8
46	Eradication of <i>Candida albicans</i> Biofilm Viability: In Vitro Combination Therapy of Cationic Carbosilane Dendrons Derived from 4-Phenylbutyric Acid with AgNO ₃ and EDTA. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 574.	1.5	8
47	Xylan-binding xylanase Xyl30 from <i>Streptomyces avermitilis</i> : cloning, characterization, and overproduction in solid-state fermentation. <i>International Microbiology</i> , 2008, 11, 133-41.	1.1	8
48	xln23 from <i>Streptomyces chattanoogensis</i> UAH23 Encodes a Putative Enzyme with Separate Xylanase and Arabinofuranosidase Catalytic Domains. <i>DNA Sequence</i> , 2001, 12, 167-177.	0.7	7
49	Induction of ferulic acid esterase and xylanase activities in <i>Streptomyces avermitilis</i> UAH30. <i>FEMS Microbiology Letters</i> , 1998, 158, 95-99.	0.7	6
50	Microbiological water quality and its relation to nitrogen and phosphorus at the Pareja limno-reservoir (Guadalajara, Spain). <i>Journal of Environmental Management</i> , 2011, 92, 773-779.	3.8	5
51	Development of a new oxygen consumption rate assay in cultures of <i>Acanthamoeba</i> (Protozoa: Tj ETQq1 1 0.784314 rgBT /Overlock Parasitology, 2015, 155, 35-39.	0.5	5
52	Natural elicitors of plant defense response in strawberry1. <i>Journal of Berry Research</i> , 2014, 4, 37-45.	0.7	4
53	Insight on the Structure-to-Activity of Carbosilane Metallo-dendrimers in the Fight against <i>Staphylococcus aureus</i> Biofilms. <i>Antibiotics</i> , 2021, 10, 589.	1.5	4
54	Prevalence, typing and antimicrobial resistance of <i>Salmonella</i> isolates from commercial shellfish in the North coast of Morocco. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 170.	1.7	4

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55	Purification and properties of a β -glucosidase from <i>Penicillium oxalicum</i> autolysates. <i>FEMS Microbiology Letters</i> , 1990, 67, 191-196.	0.7	4
56	Faster Recombinant DNA Procedures for <i>Streptomyces</i> . <i>BioTechniques</i> , 1999, 26, 394-396.	0.8	3
57	Laboratory analysis of soil respiration using oxygen-sensitive microplates. <i>Geoderma</i> , 2017, 305, 12-20.	2.3	1
58	<i>Salmonella</i> spp: Prevalence, antimicrobial resistance and molecular typing of strains isolated from poultry in Tetouan-Morocco. <i>LWT - Food Science and Technology</i> , 2022, 153, 112359.	2.5	1
59	Effect of β -glucanases on cell wall fractions. <i>FEMS Microbiology Letters</i> , 1990, 70, 233-239.	0.7	0
60	BIOCONTROL OF PLANT DISEASES: PRODUCTION AND TESTING OF NOVEL ELICITORS INDUCING PLANT DEFENSE RESPONSE. <i>Acta Horticulturae</i> , 2009, , 363-366.	0.1	0
61	Post-translational processing of modular xylanases from <i>Streptomyces</i> is dependent on the carbohydrate-binding module. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 1419-1426.	1.4	0
62	Title is missing!. , 2020, 15, e0230031.		0
63	Title is missing!. , 2020, 15, e0230031.		0
64	Title is missing!. , 2020, 15, e0230031.		0
65	Title is missing!. , 2020, 15, e0230031.		0