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List of Publications by Year
in descending order

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65 papers	1,582 citations	331538 21 h-index	315616 38 g-index
66 all docs	66 docs citations	66 times ranked	1893 citing authors

#	Article	IF	Citations
1	Salmonella spp: Prevalence, antimicrobial resistance and molecular typing of strains isolated from poultry in Tetouan-Morocco. LWT - Food Science and Technology, 2022, 153, 112359.	2.5	1
2	Bacteria capture with magnetic nanoparticles modified with cationic carbosilane dendritic systems. Materials Science and Engineering C, 2022, 133, 112622.	3.8	12
3	Insight on the Structure-to-Activity of Carbosilane Metallodendrimers in the Fight against Staphylococcus aureus Biofilms. Antibiotics, 2021, 10, 589.	1.5	4
4	Eradication of Candida albicans Biofilm Viability: In Vitro Combination Therapy of Cationic Carbosilane Dendrons Derived from 4-Phenylbutyric Acid with AgNO3 and EDTA. Journal of Fungi (Basel, Switzerland), 2021, 7, 574.	1.5	8
5	Prevalence, typing and antimicrobial resistance of Salmonella isolates from commercial shellfish in the North coast of Morocco. World Journal of Microbiology and Biotechnology, 2021, 37, 170.	1.7	4
6	In Vitro Activity of Carbosilane Cationic Dendritic Molecules on Prevention and Treatment of Candida Albicans Biofilms. Pharmaceutics, 2020, 12, 918.	2.0	17
7	Silver (I) N-Heterocyclic Carbenes Carbosilane Dendritic Systems and Their Imidazolium-Terminated Analogues as Antibacterial Agents: Study of Their Mode of Action. Pharmaceutics, 2020, 12, 968.	2.0	9
8	Study of susceptibility to antibiotics and molecular characterization of high virulenceÂStaphylococcus aureusÂstrains isolated from a rural hospital in Ethiopia. PLoS ONE, 2020, 15, e0230031.	1.1	10
9	Ultrastructural Study of Acanthamoeba polyphaga Trophozoites and Cysts Treated In Vitro with Cationic Carbosilane Dendrimers. Pharmaceutics, 2020, 12, 565.	2.0	12
10	Title is missing!. , 2020, 15, e0230031.		0
11	Title is missing!. , 2020, 15, e0230031.		0
12	Title is missing!. , 2020, 15, e0230031.		0
13	Title is missing!. , 2020, 15, e0230031.		0
14	Antibacterial Effect of Carbosilane Metallodendrimers in Planktonic Cells of Gram-Positive and Gram-Negative Bacteria and Staphylococcus aureus Biofilm. Biomolecules, 2019, 9, 405.	1.8	19
15	Carbosilane Dendronâ€“Peptide Nanoconjugates as Antimicrobial Agents. Molecular Pharmaceutics, 2019, 16, 2661-2674.	2.3	27
16	Ammonium and guanidine carbosilane dendrimers and dendrons as microbicides. European Polymer Journal, 2018, 101, 159-168.	2.6	23
17	A type D ferulic acid esterase from Streptomyces werraensis affects the volume of wheat dough pastries. Applied Microbiology and Biotechnology, 2018, 102, 1269-1279.	1.7	14
18	Laboratory analysis of soil respiration using oxygen-sensitive microplates. Geoderma, 2017, 305, 12-20.	2.3	1

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19	Antibacterial and antifungal properties of dendronized silver and gold nanoparticles with cationic carbosilane dendrons. International Journal of Pharmaceutics, 2017, 528, 55-61.	2.6	45
20	Strategies for penicillin V dendronization with cationic carbosilane dendrons and study of antibacterial properties. Canadian Journal of Chemistry, 2017, 95, 927-934.	0.6	9
21	Structureâ€“activity relationship study of cationic carbosilane dendritic systems as antibacterial agents. RSC Advances, 2016, 6, 7022-7033.	1.7	45
22	In vitro anti- Acanthamoeba synergistic effect of chlorhexidine and cationic carbosilane dendrimers against both trophozoite and cyst forms. International Journal of Pharmaceutics, 2016, 509, 1-7.	2.6	37
23	Evaluation of the activity of new cationic carbosilane dendrimers on trophozoites and cysts of Acanthamoeba polyphaga. Parasitology Research, 2015, 114, 473-486.	0.6	30
24	Development of a new oxygen consumption rate assay in cultures of Acanthamoeba (Protozoa:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Parasitology, 2015, 155, 35-39.	0.5	5
25	Characterization of a humanâ€“pathogenicAcanthamoeba griffiniisolated from a contact lens-wearing keratitis patient in Spain. Parasitology, 2015, 142, 363-373.	0.7	18
26	Synthesis, characterization and antibacterial behavior of water-soluble carbosilane dendrons containing ferrocene at the focal point. Dalton Transactions, 2015, 44, 19294-19304.	1.6	24
27	Spiribacter curvatus sp. nov., a moderately halophilic bacterium isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4638-4643.	0.8	18
28	Natural elicitors of plant defense response in strawberry1. Journal of Berry Research, 2014, 4, 37-45.	0.7	4
29	Carbosilane cationic dendrimers synthesized by thiolâ€“ene click chemistry and their use as antibacterial agents. RSC Advances, 2014, 4, 1256-1265.	1.7	73
30	In vitro evaluation of the effectiveness of new water-stable cationic carbosilane dendrimers against Acanthamoeba castellanii UAH-T17c3 trophozoites. Parasitology Research, 2013, 112, 961-969.	0.6	17
31	In vitro comparative assessment of different viability assays in Acanthamoeba castellanii and Acanthamoeba polyphaga trophozoites. Parasitology Research, 2013, 112, 4087-4095.	0.6	18
32	Genomes of â€œSpiribacterâ€ a streamlined, successful halophilic bacterium. BMC Genomics, 2013, 14, 787.	1.2	54
33	Acanthamoeba castellanii: in vitro UAH-T17c3 trophozoite growth study in different culture media. Parasitology Research, 2012, 110, 2563-2567.	0.6	21
34	Hyperbranched polymers versus dendrimers containing a carbosilane framework and terminal ammonium groups as antimicrobial agents. Organic and Biomolecular Chemistry, 2011, 9, 5238.	1.5	59
35	Cephalosporin C acylase in the autolysis of filamentous fungi. Journal of Pharmacy and Pharmacology, 2011, 42, 128-131.	1.2	16
36	Post-translational processing of modular xylanases from Streptomyces is dependent on the carbohydrate-binding module. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1419-1426.	1.4	0

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37	Microbiological water quality and its relation to nitrogen and phosphorus at the Pareja limno-reservoir (Guadalajara, Spain). Journal of Environmental Management, 2011, 92, 773-779.	3.8	5
38	Halomonas ilicicola sp. nov., a moderately halophilic bacterium isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 578-582.	0.8	36
39	Water-stable ammonium-terminated carbosilane dendrimers as efficient antibacterial agents. Dalton Transactions, 2009, , 8704.	1.6	64
40	BIOCONTROL OF PLANT DISEASES: PRODUCTION AND TESTING OF NOVEL ELICITORS INDUCING PLANT DEFENSE RESPONSE. Acta Horticulturae, 2009, , 363-366.	0.1	0
41	Amine and ammonium functionalization of chloromethylsilane-ended dendrimers. Antimicrobial activity studies. Organic and Biomolecular Chemistry, 2008, 6, 3264.	1.5	65
42	Algoriphagus hitonicola sp. nov., isolated from an athalassohaline lagoon. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 424-428.	0.8	32
43	Xylan-binding xylanase Xyl30 from Streptomyces avermitilis: cloning, characterization, and overproduction in solid-state fermentation. International Microbiology, 2008, 11, 133-41.	1.1	8
44	Release of ferulic acid and feruloylated oligosaccharides from sugar beet pulp by Streptomyces tendae. Bioresource Technology, 2007, 98, 1522-1528.	4.8	36
45	Synthesis of sugar esters in solvent mixtures by lipases from Thermomyces lanuginosus and Candida antarctica B, and their antimicrobial properties. Enzyme and Microbial Technology, 2005, 36, 391-398.	1.6	219
46	Growth and release of hydroxycinnamic acids from Brewerâ€™s spent grain by Streptomyces avermitilis CECT 3339. Enzyme and Microbial Technology, 2003, 32, 140-144.	1.6	56
47	The White-Rot Fungus Pleurotus ostreatus Secretes Laccase Isozymes with Different Substrate Specificities. Mycologia, 2003, 95, 1013.	0.8	39
48	The white-rot fungusPleurotus ostreatussecretes laccase isozymes with different substrate specificities. Mycologia, 2003, 95, 1013-1020.	0.8	92
49	xln23 from Streptomyces chattanoogensis UAH23 Encodes a Putative Enzyme with Separate Xylanase and Arabinofuranosidase Catalytic Domains. DNA Sequence, 2001, 12, 167-177.	0.7	7
50	Faster Recombinant DNA Procedures for Streptomyces. BioTechniques, 1999, 26, 394-396.	0.8	3
51	Screening of mannanases in actinomycetes and their potential application in the biobleaching of pine kraft pulps. Applied Microbiology and Biotechnology, 1999, 52, 240-245.	1.7	21
52	Streptomyces avermitilis CECT 3339 produces a ferulic acid esterase able to release ferulic acid from sugar beet pulp soluble feruloylated oligosaccharides. Journal of the Science of Food and Agriculture, 1999, 79, 440-442.	1.7	19
53	Production and characterization of ferulic acid esterase activity in crude extracts by Streptomyces avermitilis CECT 3339. Applied Microbiology and Biotechnology, 1998, 50, 213-218.	1.7	21
54	Application of the affinity binding of xylanases to oat-spelt xylan in the purification of endoxylanase CM-2 from Streptomyces chattanoogensis CECT 3336. Applied Microbiology and Biotechnology, 1998, 50, 284-287.	1.7	20

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55	Studies of the production and characterization of laccase activity in the basidiomycete Coriolopsis gallica , an efficient decolorizer of alkaline effluents. Archives of Microbiology, 1998, 171, 31-36.	1.0	54
56	Induction of ferulic acid esterase and xylanase activities in Streptomyces avermitilis UAH30. FEMS Microbiology Letters, 1998, 158, 95-99.	0.7	6
57	The effects of culture media on the production of xylan-degrading enzymes by Streptomyces chattanoogensis UAH 23. Journal of Basic Microbiology, 1995, 35, 405-412.	1.8	15
58	Purification and properties of a chitinase from Penicillium oxalicum autolysates. Letters in Applied Microbiology, 1995, 20, 46-49.	1.0	19
59	A Phanerochaete chrysosporium Î²-d-glucosidase/Î²-d-xylosidase with specificity for (1 â†' 3)-Î²-d-glucan linkages. Carbohydrate Research, 1994, 253, 265-275.	1.1	26
60	A Î²-N-acetylhexosaminidase from Penicillium oxalicum implicated in its cell-wall degradation. Letters in Applied Microbiology, 1994, 19, 217-220.	1.0	8
61	Chitinolytic activity produced by Penicillium oxalicum in different culture media. Letters in Applied Microbiology, 1993, 16, 69-71.	1.0	11
62	Production and initial characterisation of the xylan-degrading system of Phanerochaete chrysosporium. Applied Microbiology and Biotechnology, 1993, 40, 69.	1.7	32
63	Polarimetry and 13C n.m.r. show that the hydrolyses of Î²-d-glucopyranosyl fluoride by Î²(1â†'3)-glucanases from Phanerochaete chrysosporium and Sporotrichum dimorphosporum have opposite stereochemistries. Biochemical Journal, 1993, 293, 591-594.	1.7	8
64	Effect of -glucanases on cell wall fractions. FEMS Microbiology Letters, 1990, 70, 233-239.	0.7	0
65	Purification and properties of a Î²-glucosidase from Penicillium oxalicum autolysates. FEMS Microbiology Letters, 1990, 67, 191-196.	0.7	4