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List of Publications by Year
in descending order

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35 papers	905 citations	430874 18 h-index	477307 29 g-index
36 all docs	36 docs citations	36 times ranked	1243 citing authors

#	Article	IF	Citations
1	Chitosan/Î²-TCP composites scaffolds coated with silk fibroin: a bone tissue engineering approach. Biomedical Materials (Bristol), 2022, 17, 015003.	3.3	7
2	Development and Characterization of Highly Stable Silver NanoParticles as Novel Potential Antimicrobial Agents for Wound Healing Hydrogels. International Journal of Molecular Sciences, 2022, 23, 2161.	4.1	18
3	A Graded, Porous Composite of Natural Biopolymers and Octacalcium Phosphate Guides Osteochondral Differentiation of Stem Cells. Advanced Healthcare Materials, 2021, 10, e2001692.	7.6	17
4	An Overview of the Antimicrobial Properties of Lignocellulosic Materials. Molecules, 2021, 26, 1749.	3.8	27
5	Spatial-Temporal Changes in Removal of Fecal Indicators and Diversity of Bacterial Communities in a Constructed Wetland with Ornamental Plants. Applied Sciences (Switzerland), 2021, 11, 3875.	2.5	3
6	Toward Spinning Greener Advanced Silk Fibers by Feeding Silkworms with Nanomaterials. ACS Sustainable Chemistry and Engineering, 2020, 8, 11872-11887.	6.7	20
7	Diverse Arbuscular Mycorrhizal Fungi (AMF) Communities Colonize Plants Inhabiting a Constructed Wetland for Wastewater Treatment. Water (Switzerland), 2019, 11, 1535.	2.7	23
8	Antimicrobial coating of spider silk to prevent bacterial attachment on silk surgical sutures. Acta Biomaterialia, 2019, 99, 236-246.	8.3	72
9	Fish sarcoplasmic proteins as a high value marine material for wound dressing applications. Colloids and Surfaces B: Biointerfaces, 2018, 167, 310-317.	5.0	12
10	Engineering magnetically responsive tropoelastin spongy-like hydrogels for soft tissue regeneration. Journal of Materials Chemistry B, 2018, 6, 1066-1075.	5.8	13
11	The effects of platelet lysate patches on the activity of tendon-derived cells. Acta Biomaterialia, 2018, 68, 29-40.	8.3	22
12	Silkâ€Based Antimicrobial Polymers as a New Platform to Design Drugâ€Free Materials to Impede Microbial Infections. Macromolecular Bioscience, 2018, 18, e1800262.	4.1	24
13	Metal(loid)-Contaminated Soils as a Source of Culturable Heterotrophic Aerobic Bacteria for Remediation Applications. Geomicrobiology Journal, 2017, 34, 760-768.	2.0	44
14	Platelet Lysate-Loaded Photocrosslinkable Hyaluronic Acid Hydrogels for Periodontal Endogenous Regenerative Technology. ACS Biomaterials Science and Engineering, 2017, 3, 1359-1369.	5.2	34
15	Unveiling the effect of threeâ€dimensional bioactive fibre mesh scaffolds functionalized with silanol groups on bacteria growth. Journal of Biomedical Materials Research - Part A, 2016, 104, 2189-2199.	4.0	5
16	Inoculation of Pinus pinea seedlings with Pisolithus tinctorius and Suillus bellinii promotes plant growth in benfluralin contaminated soil. Plant and Soil, 2015, 386, 113-123.	3.7	5
17	The response of Betula pubescens to inoculation with an ectomycorrhizal fungus and a plant growth promoting bacterium is substrate-dependent. Ecological Engineering, 2015, 81, 439-443.	3.6	9
18	Effect of benfluralin on Pinus pinea seedlings mycorrhized with Pisolithus tinctorius and Suillus bellinii â€“ Study of plant antioxidant response. Chemosphere, 2015, 120, 422-430.	8.2	4

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19	Diversity and Persistence of Ectomycorrhizal Fungi and Their Effect on Nursery-Inoculated Pinus pinaster in a Post-fire Plantation in Northern Portugal. Microbial Ecology, 2014, 68, 761-772.	2.8	18
20	Reclamation of an abandoned burned forest using ectomycorrhizal inoculated Quercus rubra. Forest Ecology and Management, 2014, 320, 50-55.	3.2	10
21	Phytomanagement of Cd-contaminated soils using maize (Zea mays L.) assisted by plant growth-promoting rhizobacteria. Environmental Science and Pollution Research, 2014, 21, 9742-9753.	5.3	76
22	Co-metabolic degradation of mono-fluorophenols by the ectomycorrhizal fungi Pisolithus tinctorius. Chemosphere, 2014, 111, 260-265.	8.2	20
23	Effect of diflubenzuron on the development of Pinus pinaster seedlings inoculated with the ectomycorrhizal fungus Pisolithus tinctorius. Environmental Science and Pollution Research, 2013, 20, 582-590.	5.3	12
24	Inoculating Helianthus annuus (sunflower) grown in zinc and cadmium contaminated soils with plant growth promoting bacteria â€“ Effects on phytoremediation strategies. Chemosphere, 2013, 92, 74-83.	8.2	141
25	Combined use of Pinus pinaster plus and inoculation with selected ectomycorrhizal fungi as an ecotechnology to improve plant performance. Ecological Engineering, 2012, 43, 95-103.	3.6	28
26	Mycorrhizal symbiosis affected by different genotypes of Pinus pinaster. Plant and Soil, 2012, 359, 245-253.	3.7	16
27	Ectomycorrhizal fungi as an alternative to the use of chemical fertilisers in nursery production of Pinus pinaster. Journal of Environmental Management, 2012, 95, S269-S274.	7.8	42
28	Reforestation of burned stands: The effect of ectomycorrhizal fungi on Pinus pinaster establishment. Soil Biology and Biochemistry, 2011, 43, 2115-2120.	8.8	26
29	Study of symptoms and gene expression in four Pinus species after pinewood nematode infection. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 272-275.	0.8	7
30	High Added-Value Compounds with Antibacterial Properties from Ginja Cherries By-products. Waste and Biomass Valorization, 2010, 1, 209-217.	3.4	11
31	Management of nursery practices for efficient ectomycorrhizal fungi application in the production of Quercus ilex. Symbiosis, 2010, 52, 125-131.	2.3	26
32	Bacterial community dynamics in horizontal flow constructed wetlands with different plants for high salinity industrial wastewater polishing. Water Research, 2010, 44, 5032-5038.	11.3	88
33	Assessment of mycorrhizal colonisation and soil nutrients in unmanaged fire-impacted soils from two target restoration sites. Spanish Journal of Agricultural Research, 2010, 8, 86.	0.6	7
34	Isolation and Characterization of Polymeric Galloyl-Ester-Degrading Bacteria from a Tannery Discharge Place. Microbial Ecology, 2005, 50, 550-556.	2.8	18
35	Silk fibroin-spider silk-like protein biomaterials for preventing microbial infections. Frontiers in Bioengineering and Biotechnology, 0, 4, .	4.1	0