

Rigini M Papi

List of Publications by Year in descending order

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31
papers

449
citations

623734

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#	ARTICLE	IF	CITATIONS
1	Diorganotin(IV) complexes of dipeptides containing the $\hat{\text{L}}\pm$ -aminoisobutyryl residue (Aib): Preparation, structural characterization, antibacterial and antiproliferative activities of $[(n\text{-Bu})_2\text{Sn}(\text{H}\hat{\text{A}}^{\sim}1\text{L})]$ (LH=H-Aib-L-Leu-OH, H-Aib-L-Ala-OH). <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1397-1405.	3.5	44
2	Physico-mechanical and finite element analysis evaluation of 3D printable alginate-methylcellulose inks for wound healing applications. <i>Carbohydrate Polymers</i> , 2020, 247, 116666.	10.2	44
3	Assessment of cytotoxicity and antibacterial effects of silver nanoparticle-doped titanium alloy surfaces. <i>Dental Materials</i> , 2019, 35, e220-e233.	3.5	33
4	Synthesis, physicochemical characterization and biological properties of two novel Cu(II) complexes based on natural products curcumin and quercetin. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111083.	3.5	32
5	Extraction, separation and identification of anthocyanins from red wine by-product and their biological activities. <i>Journal of Functional Foods</i> , 2016, 25, 548-558.	3.4	29
6	A Sensitive LC-MS Method for Anthocyanins and Comparison of Byproducts and Equivalent Wine Content. <i>Separations</i> , 2016, 3, 18.	2.4	27
7	Characterization of Oregano Essential Oil (<i>Origanum vulgare</i> L. subsp. <i>hirtum</i>) Particles Produced by the Novel Nano Spray Drying Technique. <i>Foods</i> , 2021, 10, 2923.	4.3	23
8	Design of a Multifunctional Nanoengineered PLLA Surface by Maximizing the Synergies between Biochemical and Surface Design Bactericidal Effects. <i>ACS Omega</i> , 2018, 3, 1509-1521.	3.5	21
9	Synthesis of D-Limonene Loaded Polymeric Nanoparticles with Enhanced Antimicrobial Properties for Potential Application in Food Packaging. <i>Nanomaterials</i> , 2021, 11, 191.	4.1	20
10	Heterocyclic thioamide/phosphine mixed-ligand silver(I) complexes: Synthesis, molecular structures, DNA-binding properties and antibacterial activity. <i>Polyhedron</i> , 2018, 151, 131-140.	2.2	19
11	Homoleptic and heteroleptic silver(I) complexes bearing diphosphane and thioamide ligands: Synthesis, structures, DNA interactions and antibacterial activity studies. <i>Materials Science and Engineering C</i> , 2019, 99, 450-459.	7.3	19
12	Encapsulated <i>Escherichia coli</i> in alginate beads capable of secreting a heterologous pectin lyase. <i>Microbial Cell Factories</i> , 2005, 4, 35.	4.0	15
13	Peptidomimetic functionalized carbon nanotubes with antitrypsin activity. <i>Carbon</i> , 2009, 47, 3550-3558.	10.3	15
14	Mannose binding lectin and ficolin-2 polymorphisms are associated with increased risk for bacterial infections in children with B acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1017-1022.	1.5	15
15	The Synthesis of 1,3,5-triazine Derivatives and JNJ777120 Analogues with Histamine H_4 Receptor Affinity and Their Interaction with <i>PTEN</i> Promoter. <i>Chemical Biology and Drug Design</i> , 2016, 88, 254-263.	3.2	10
16	Molecularly Imprinted Polymers for Cholecystokinin C-terminal Pentapeptide Recognition. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2621-2627.	2.2	9
17	Graphene-Wrapped Copper Nanoparticles: An Antimicrobial and Biocompatible Nanomaterial with Valuable Properties for Medical Uses. <i>ACS Omega</i> , 2020, 5, 26329-26334.	3.5	9
18	Biocompatible silver(I) complexes with heterocyclic thioamide ligands for selective killing of cancer cells and high antimicrobial activity – A combined in vitro and in silico study. <i>Journal of Inorganic Biochemistry</i> , 2022, 228, 111695.	3.5	8

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19	Flagellin gene (fliC) of <i>Thermus thermophilus</i> HB8: characterization of its product and involvement to flagella assembly and microbial motility. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1265-1277.	3.6	7
20	Evaluation of Ion Exchange and Sorbing Materials for Their Adsorption/Desorption Performane towards Anthocyanins, Total Phenolics, and Sugars from a Grape Pomace Extract. <i>Separations</i> , 2017, 4, 9.	2.4	7
21	Synthesis, Crystal Structures, and DNA Binding Properties of Zinc(II) Complexes with 3-Pyridine Aldoxime. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-7.	4.1	6
22	Lipase activity in <i>Thermus thermophilus</i> HB8: Purification and characterization of the extracellular enzyme. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 512-525.	2.6	6
23	Silver complexes bearing heterocyclic thioamide ligands with NH ₂ and CF ₃ substituents: effect of ligand group substitution on antibacterial and anticancer properties. <i>Dalton Transactions</i> , 2022, 51, 9412-9431.	3.3	6
24	Overexpression of the pectin lyase gene of <i>Pseudomonas marginalis</i> in <i>Escherichia coli</i> and purification of the active enzyme. <i>Biotechnology and Applied Biochemistry</i> , 2003, 37, 187.	3.1	5
25	Specific amino acids from the broad C-terminal region of BMP-2 are crucial for osteogenesis. <i>Bone Reports</i> , 2021, 14, 101092.	0.4	5
26	Biopharmaceutics 4.0, Advanced Pre-Clinical Development of mRNA-Encoded Monoclonal Antibodies to Immunosuppressed Murine Models. <i>Vaccines</i> , 2021, 9, 890.	4.4	4
27	Molecular typing of <i>Brucella melitensis</i> endemic strains and differentiation from the vaccine strain Rev-1. <i>Veterinary Research Communications</i> , 2012, 36, 7-20.	1.6	2
28	Comparative Study of Protein Expression Levels of Five Plaque Biomarkers and Relation with Carotid Plaque Type Classification in Patients after Carotid Endarterectomy. <i>International Journal of Vascular Medicine</i> , 2018, 2018, 1-8.	1.0	2
29	Polyhydroxyalkanoates Applications in Antimicrobial Agents Delivery and Wound Healing. , 2019, , 49-76.		2
30	Effect of a Bone Morphogenetic Protein-2-derived peptide on the expression of tumor marker ZNF217 in osteoblasts and MCF-7 cells. <i>Bone Reports</i> , 2021, 15, 101125.	0.4	2
31	De Novo Synthesis of Elastin-like Polypeptides (ELPs): An Applied Overview on the Current Experimental Techniques. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5064-5077.	5.2	2