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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 ... Feb 1th, 2024

ENAMINE AND IMINIUM ION-MEDIATED ORGANOCATALYSIS

Reactions Catalysed By Non-chiral Organic Molecules Will Not Be Covered Unless Necessary For The General Understanding Of The Development Of The Field. Before 2000, Several Observations Of Organocatalysis Were Reported, Although Most Appeared As Unique Isolated Examples Rather Than Par May 2th, 2024

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Robots Have Been Extensively Proposed By Utilizing Stim--esponsive Hydrogels, polymer, or Their Hybrid Combi - Nation [4–6]. uli Responsive Materials And Their Architectures Can Be Transformed Into Thre-(3D)elf-ssemble,-urve,-olded Structures In Response To External Triggers Without Any Manual Control [4]. Iarticular, wly Emerged Biomimetic Stim- Jun 3th, 2024

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2.1. Natural Antibiotic Approaches The Biocides Used Nowadays Prevent Biofouling Due To The Nonselective Lethal Toxicity Toward Microorganisms And Are Becoming A Problem To The Environments.[4,6,26] By Discov-ering That A Large Variety Of Microorganisms Such As Bacteria Fungi, Algae, And Corals Have Developed Secondary Metabolite Mar 3th, 2024

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Unique Device: Artificial Muscles Based On Conducting Polymers Are Also Sensors, While Working, Of The Environmental Variables (Otero 2009). They Are Sensors Of Temperature, Electrolyte Concentration And The Current Flowing Through Them. Since They Are Capable Of Detecting An Obstacle Along I Feb 3th, 2024

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Bonds. (c) Helical Rosette Nanotube With A 3.5 Nm Diameter And Several µm In Length. The Objective Of This In Vitro Study Was To Create An Easy-to-use Injectable And Nanostructured 3D Scaffold Based On This Promising Novel Self-assembled Nanomaterial (HRN-K1) But With Suitable Mecha Feb 1th, 2024

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KEYWORDS: Biomimetic, Surface Engineering, 3D Printing, Mesh Generation, Poisson Point Process Wettability, Soft Tribology, Lubrication, Friction 1. INTRODUCTION Mammalian Tongues Surfaces Are Textured With Complex Geometries, Usually At Sizes Of Hundreds Of Microns. Their Hig Jun 1th, 2024

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Group Of Yamagishi Et Al.38 Reported On A HAP Paste For Rapid Tooth Repair Where An Enamel-repairing Effect Was Demonstrated By Transmission Electron Microscopy (TEM) And Atomic Force Microscopy. The Remineralization Of Early Enamel Caries Lesions Was 1 Cite This Article Fabritius-Vilpoux K, Enax J, Herbig M, Raabe D And Fabritius HOKeywords: Adhesion, biomimetic Materials, hard TissueTi Jun 3th, 2024

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