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Electrical And Computer Engineering Summer 2011
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Design, Fabrication, Simulation And Characterization Of A Novel Dual-Sided Microelectrode Array For Deep Brain Recording And Stimulation Zongya Zhao 1,2, Ruxue Gong 1,2, Hongen Huang 1,2 And Jue Wang 1,2,* 1 The Key Laboratory Of Biomedical Information Engineering Of Ministry Of Education, Mar 2th, 2024

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And an ac resistance of 2.62 Ω at 100 MHz, which represents the targeted switching frequency of the system-in-package integrated voltage regulator. The organic substrate parasitic effects were accounted for through the extraction of an average shunt capacitance of 1.2 pF and an average parasitic conductance of 0.12 mS at 100 MHz. Mar 1th, 2024

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Their high operational voltages and small volume stroke are considered disadvantages [3,4]. The other actuation mechanisms seem to be less popular in micropump applications due to disadvantages such as the long response time in shape memory alloys [5], T May 2th, 2024

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The G-code was executed using the open-source CNC control software (EMC2). After machining, nozzles were post-treated by etching in a dilute HCl solution to assist removal of any remaining burrs that would cause irregularities in the electric and flow fields. Finally The Apr 1th, 2024

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During The Preparation Of VdW Heterostructure, 2D H-BN Material Has The flat Surface And Charge Uniformity, It Can Achieve A Cleaner Interface, Which Is A Good Ideal Insulating Substrate [23-25]. The Large Area, Continuous, Uniform, And Controllable Preparation Of TMDs/h-BN Heterostructure Is Feb 1th, 2024

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Facile Fabrication And Characterization Of Chitosan-based Zinc Oxide Nanoparticles And Evaluation Of Their Antimicrobial And Antibiofilm Activity Gurpreet Singh Dhillon • Surinder Kaur • Satinder Kaur Brar
Received: 22 December 2013/Accepted: 15 May 2014/Published Online: 6 June 2014 The Author(s)
2014. May 2th, 2024

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For The Fabrication Of

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Fabrication Of A Wide Variety Of UHTCs, Including Monophasic Transition Metal Borides [5,8,20–25]. Along These Lines, A Novel HEB System, Namely $(\text{Hf}_{0.2}\text{Zr}_{0.2}\text{Nb}_{0.2}\text{Mo}_{0.2}\text{Ti}_{0.2})\text{B}_2$, Was Studied For The First Time In The Present Work According To The Latter Processing Route. Both Jun 2th, 2024

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The Dolan Bridge Fabrication Process [4], This Process Suffers From Many Critical Issues, Such As Junction Alignment, Material Selectivity And Integration Issues To Existing Devices. Therefore, An Improved Fabrication Mar 1th, 2024

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