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Enhancement Of ZnO-based Flexible Nano Generators Via A Sol-gel Technique For Sensing And Energy Harvesting Applications P Rajagopalan¹, Vipul Singh² And I A Palani^{1,3} ¹Mechatronics And Instrumentation Lab, Discipline Of Metallurgy Engineering And Materials Science, Indian Institute Of Technology Indore, Indore, India Feb 8th, 2020

NANO LETTERS Nanoscale Fluid Transport: Size And Rate Effects

Nanoscale Fluid Transport: Size And Rate Effects Xi Chen,[†] Guoxin Cao,^{†,|} Aijie Han,[‡] Venkata K. Punyamurtula,[‡] Ling Liu,[†] Patricia J. Culligan,[†] Taewan Kim,[§] And Yu Qiao^{*,‡,§} Department Of Civil Engineering And Engineering Mechanics, Columbia University, New York, New York 10027-6699, And Department Of Structural Engineering, And Program Of Materials Science And Engineering ... Jan 22th, 2020

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PHYSICAL REVIEW A 91, 063824 (2015) Switchable Self-defocusing And Focusing In Nearly Isotropic Photonic Crystals Via Enhanced Inverse Diffraction Zhixiang Tang,¹ ,² 3Lei Zhao, 4Zhan Sui, Yanhong Zou,^{2,5} Shuangchun Wen,² ,⁵ * Aaron Danner, And Chengwei Qiu ¹College Of Computer Science And Electronic Engineering, Hunan University, Changsha 41008, China ²Key Laboratory For Micro-/Nano ... Jul 5th, 2020

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Fabrication Engineering At The Micro And Nano Scale . Third Edition Of "The Science And Engineering Of Microelectronic Fabrication", Oxford University Press, 2008 . Stephen A. Campbell . Errata File . Last Updated 11/09/09 . Many Thanks To All Who Have Contributed To This List . Chapter 2 . Page 28, Example 2.4. The Line Written " $Cs=0.8 \times 10^{-6} = 5 \times 10^{22}$ Atoms/cm³ = 4×10^{16} Cm⁻³" Should Have Been ... Jun 17th, 2020

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PTCR Characteristics Of Multifunctional Polymeric Nano Composites Jae Chul Kim, Gi Hun ParkR, Soo Jeung SuhRR, Young Kwan LeeRRR, Seoung Jae LeeRRR, Seung Jae LeeRRRR, And Jae-Do NamC Department Of Polymer Science & Engineering, Sung Kyun Kwan University, Suwon 440-746, Korea Aug 8th, 2020

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Method Article Fabricating Ordered 2-D Nano-structured Arrays Using Nanosphere Lithography Chenlong Zhanga,b, Sandra Cvetanovicb, Joshua M. Pearcea,b,* ADepartment Of Materials Science & Engineering, Michigan Technological University, Houghton, MI, USA BDepartment Of Electrical & Computer Engineering, Michigan Technological University, Houghton, MI, USA Feb 17th, 2020

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Department Of Chemical Engineering, Pohang University Of Science And Technology (POSTECH), San 31, Hyoja-dong, Nam-gu, Pohang, Gyungbuk 790-784, Korea (Received 15 May 2011 Accepted 4 July 2011) RactAbst Microwave Irradiation Was Used To Obtain A Variety Of CuO Crystal Morphologies, Including Leaf-like, Dan-delion-like, And Hollow Structures. The Morphology Of The CuO Crystals Was Controlled ... Jun 5th, 2020

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Computational Fluid Dynamics Simulation Of A Nanofluid-Based Annular Solar Collector With Different Metallic Nano-Particles Sireetorn Kuharat And O. Anwar Bég* Aeronautical & Mechanical Engineering Department, School Of Computing, Science And Engineering, Newton Building, University Of Salford, Manchester, M54WT, UK. Abstract A Numerical Study Of Convective Heat Transfer In An Annular Pipe ... Sep 21th, 2020

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Transfer Printing Methods For Flexible Thin Film Solar Cells: Basic Concepts And Working Principles Chi Hwan Lee,† Dong Rip Kim,* ,‡,§ And Xiaolin Zheng*,† †Department Of Mechanical Engineering, Stanford University, Stanford, California 94305, United States, ‡Department Of Mechanical Engineering, Hanyang University, Seoul 133-791, Korea, And §Institute Of Nano Science And Technology ... May 20th, 2020

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