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Papers in Conferences

1. F. Zareafar, A. khayatian, R. Shakernejad ,Effect of zinc salt concentration on electrical propertyof ZnO nanorods ,2nd International Conference on Modern technologies in Science ,13 3 2019, آمل.
2. Z. Haji jamali , A. Khayatian , M. Almasi Kashib ,ZnO Nanorods Spin Coating on ZnO Nanorods Array in Different Growth Steps ,International Congress on Nanoscience & Nanotechnology (ICNN2018) ,2018 9 26.
3. Z. haji jamali , A. Khayatian , M. Almasi Kashi ,Improvement of Ultra-Violet Sensory of ZnO Nanorods Array Grown In Solution Including Zno Nrs ,International Congress on Nanoscience & Nanotechnology (ICNN2018) ,2018 9 26.
4. UV Photodetecting Performance Analysis of Zno Nanorod Arrays Grown on Rotating Substrate: Evaluation of the Initial Rest Time ,International Biennial Conference on UltraFine Grained and Nanostructured Materials (UFGNSM) ,2017 11 13.
5. سیدفرشاد اختریان فر,ونگ,علی خیاطیان,محمد الماسی کاشی ,Fabrication of field-effect transistor (FET) based on ZnO nanowire/graphene nanoribbon heterostructures ,5TH RIAPA Meeting On Low D□mensional Systems ,23 5 2017, تبریز.

Papers in Journals

1. زهرا حاجی جمالی , علی خیاطیان , محمد الماسی کاشی,Etching of ZnO Nanorods by ZnO nanoparticles and adjustment of morphological and UV photodetection properties,Journal of Sol-Gel Science and Technology,2020 04 15.
2. S. M. A. Rastialhosseini, A. khayatian , R. Shariatzadeh, M. Almasi Kashi,Three-dimensional ZnO nanorods growth on ZnO nanorods seed layer for high responsivity UV photodetector,Applied Physics A,Vol. 125,pp. 829,2019 12 11.
3. الیزا رخصت, & علی خیاطیان,Enhanced photocatalytic activity of Fe doped ZnO hierarchical nanosheets on the degradation of p-nitrophenol under visible light,Inorganic and Nano-Metal Chemistry,2018 9 8.
4. The role of different initial rest times on synthesized buffer layer and UV sensing of ZnO nanorods grown on rotational substrate,J MATER SCI-MATER EL,2017 3 8.
5. سعید صفا , سادات مختاری , علی خیاطیان , روح ا.. عظیمی راد,Improving ultraviolet photodetection of ZnO nanorods by Cr doped ZnO encapsulation process,Optics Communications,2017 12 12.
6. Improved sensitivity of UV sensors in hierarchically structured arrays of network-loaded ZnO

nanorods via optimization techniques،RSC ADV،۲۰۱۷ ۶ ۰۱،ISI ،SCOPUS.
7. علی خیاطیان و سایر،Diameter-controlled synthesis of ZnO nanorods on Fe-doped ZnO seed layer and enhanced photodetection performance،MATER RES BULL،۲۰۱۷ ۵ ۰۱،ISI ،SCOPUS.
8. سعادت مختاری , سعید صفا , علی خیاطیان , روح الله عظیمی راد،Effects of Chromium Dopant on Ultraviolet Photoresponsivity of ZnO Nanorods،J ELECTRON MATER،۲۰۱۷ ۷ ۰۱،ISI ،SCOPUS.
9. The effect of Fe-dopant concentration on ethanol gas sensing properties of Fe doped ZnO/ZnO shell/core nanorods,PHYSICA E,2016 5 01,ISI ،SCOPUS.
10. سیدفرشاد اختریان فر , علی خیاطیان , محمد الماسی کاشی,Large scale ZnO nanorod-based UV sensor induced by optimal seed layer,CERAM INT,2016 5 01,ISI ،SCOPUS.
11. سعید صفا , علی خیاطیان , الیزا رخصت , مهرداد نجفی,Investigation of Structural, Optical, and Photocatalytic Properties of Hydrothermally Synthesized ZnO Nanorod Arrays with Various Aspect Ratios,Journal of Advanced Materials and Processing,2015 6 01,ISC.
12. Effect of annealing process in tuning of defects in ZnO nanorods and their application in UV photodetectors،OPTIK،۲۰۱۶ ۱ ۰۱،ISI ،SCOPUS.
13. Investigation of ethanol vapor sensing properties of ZnO flower-like nanostructures,MEASUREMENT,2015 6 01,ISI ،SCOPUS.
14. روح الله عظیمی راد , علی خیاطیان , محمد الماسی کاشی , سعید صفا،Enhancing photoresponsivity of ultra violet photodetectors based on Fe doped ZnO/ZnO shell/core nanorods،J ALLOY COMPD،۲۰۱۴ ۷ ۰۱،ISI ،SCOPUS.
15. روح الله عظیمی راد , علی خیاطیان , محمد الماسی کاشی , سعید صفا,Electrical and UV detecting investigation of the ZnO nanorods encapsulated with ZnO and Fe-doped ZnO,J Sol-Gel Sci Technol,2014 9 01,ISI.
16. علی خیاطیان , محمد الماسی کاشی , روح الله عظیمی راد , سعید صفا,Enhanced gas-sensing properties of ZnO nanorods encapsulated in an Fe-doped ZnO shell,J PHYS D APPL PHYS,2014 1 01,ISI ،SCOPUS.
17. حامد عباسیان , محمد الماسی کاشی , عبد العلی رمضانی , علی خیاطیان،The effect of different oxide layers on the sensing properties of anodic alumina nanoporous film،۰۱ ۱۲ ۲۰۱۳،مجله پژوهش فیزیک ایران،ISC.
18. محمد الماسی کاشی , عبد العلی رمضانی , حامد عباسیان , علی خیاطیان,Capacitive humidity sensors based on large diameter porous alumina prepared by high current anodization,SENSOR ACTUAT A-PHYS,2011 7 01,ISI ،SCOPUS.
19. M Almasi Kashi, A Ramazani and A Khayatian،The in□uence of the ac electrodeposition conditions on the magnetic properties and microstructure of Co nanowire arrays،J. Phys. D: Appl. Phys،مجلد ۳۹،شماره صفحات ۴۱۳۰،۲۰۰۶ ۹ ۱۵.