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Scientific Worker

Language skills

Հայերեն Русский English

Publications

Article
SnO2/MWCNTs Nanostructured Material for High-Performance Acetone and Ethanol Gas Sensors
Mikayel Aleksanyan, Artak Sayunts, Gevorg Shahkhatuni, Zarine Simonyan, Davit Kananov, Emma Khachaturyan, Rima Papovyan, Alena Michalcová, Dušan Kopecký
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Mikayel Aleksanyan, Artak Sayunts, Gevorg Shahkhatuni, Zarine Simonyan, Davit Kananov, Emma Khachaturyan, Dušan Kopecký
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Detection of hydrogen peroxide vapor using flexible gas sensor based on SnO2 nanoparticles decorated with multi-walled carbon nanotubes
Mikayel Aleksanyan, Artak Sayunts, Gevorg Shahkhatuni, Zarine Simonyan, Vladimir Aroutiounian, Emma Khachatryan
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M. S. Aleksanyan, G. H. Shahkhatuni, E. A. Khachaturyan, G. E. Shahnazaryan, A. G. Sayunts, H. R. Hovhannisyan, D. A. Kananov
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Article

Tin Oxide/Carbon Nanotube Nanocomposite Sensors for Some Toxic VOCs Detection
Z.N. Adamyan, A.G. Sayunts, E.A. Khachaturyan, V.M. Aroutiounian

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Nanocomposite H2O2 Vapor Sensors Made on the Base of Carbon Nanotubes Covered with SnO2 Nanoparticles
Zaven ADAMYAN, Artak SAYUNTS, Emma KHACHATURYAN, Valeri ARAKELYAN, Vladimir AROUTIOUNIAN,

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Article

ИССЛЕДОВАНИЕ СЕНСОРОВ ПАРОВ ПЕРЕКИСИ ВОДОРОДА, ИЗГОТОВЛЕННЫХ НА ОСНОВЕ УГЛЕРОДНЫХ НАНОТРУБОК, ПОКРЫТЫХ НАНОЧАСТИЦАМИ ДВУОКИСИ ОЛОВА
З.Н. АДАМЯН, А.Г. САЮНЦ, Э.А. ХАЧАТУРЯН, В.М. АРАКЕЛЯН, В.М. АРУТЮНЯН, B. JOOST

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Article

Study of Hydrogen Peroxide Vapors Sensors Based on Carbon Nanotubes Coated with Tin Oxide Nanoparticles
Z. N. Adamyan, A. G. Sayunts, E. A. Khachaturyan, V. M. Araqelyan, V. M. Aroutiounian, B. Joost

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Nanocomposite sensors of propylene glycol, dimethylformamide and formaldehyde vapors
Zaven Adamyan, Artak Sayunts, Vladimir Aroutiounian, Emma Khachaturyan, Martin Vrnata, Premysl Fitl,

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Արդյունաբերական թունավոր նյութերի ռեզիստիվ սենսոր
Հարությունյան Վլադիմիր Միխաիլի, Առաքելյան Վալերի Միքայելի, Վրնատա Մարտին,

Ալեքսանյան Միքայել Սերյոժայի, Ադամյան Զավեն Նիկոլայի, Սայունց Արտակ Գարեգինի,

Շահնազարյան Գոհար Էմիլի, Ադամյան Արսեն Զավենի, Խաչատուրյան Էմմա Արսենի,

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Study of Propylene Glycol, Dimethylformamide and Formaldehyde Vapors Sensors Based on MWCNTs/SnO2 Nanocomposites

Zaven Adamyan, Artak Sayunts, Vladimir Aroutiounian, Emma Khachaturyan, Arsen Adamyan,

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2017 84-87

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Исследование нанокомпозитных толстопленочных сенсоров паров бутанола

З.Н. Адамян, А.Г. Саюнц, Э.А. Хачатрян, В.М. Арутюнян

Proceedings of NAS RA Physics 2016 192-201

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Comparative Study of VOC Sensors Based on Ruthenated MWCNT/SnO2 Nanocomposites

Vladimir Aroutiounian, Zaven Adamyan, Artak Sayunts, Emma Khachaturyan, Arsen Adamyan,

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