

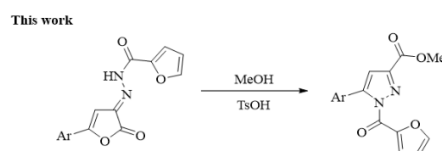
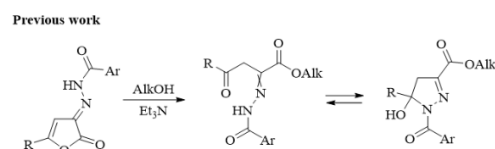
## Contents

### 202310101

ARTICLE / MOSM2022 Special Issue

Sergei N. Igidov, Irina A. Gorbunova,  
Aleksy Yu. Turyshev, Daria A. Shipilovskikh,  
Danil A. Kozlov, Anna S. Rogova, Ramiz R. Makhmudov,  
Pavel S. Silaichev, Nazim M. Igidov

**Synthesis, recyclization under the action  
of methanol and analgetic activity of N'-(5-aryl-2-  
oxofuran-3(2H)-ylidene)furan-2-carbohydrazides**

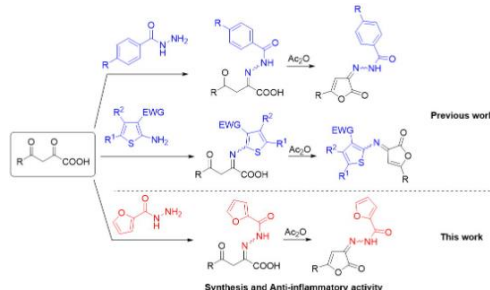


### 202310102

ARTICLE / MOSM2022 Special Issue

Sergei N. Igidov, Dmitriy V. Lipin, Aleksy Yu. Turyshev,  
Svetlana V. Chashchina, Daria A. Shipilovskikh,  
Ol'ga V. Zvereva, Ksenia A. Mitusova, Pavel S. Silaichev,  
Nazim M. Igidov

**Synthesis, intramolecular cyclization and anti-  
inflammatory activity of substituted 2-(2-(Furan-  
2-carbonyl)hydrazono)-4-oxobutanoic acids**

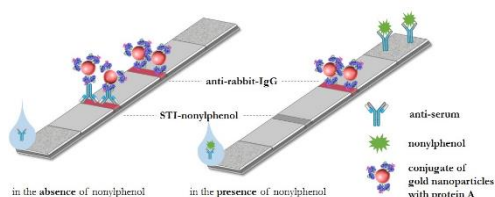


### 202310103

LETTER / MOSM2022 Special Issue

Anna N. Berlina, Maria Y. Ragozina,  
Nadezhda S. Komova, Kseniya V. Serebrennikova,  
Anatoly V. Zherdev, Boris B. Dzantiev

**Comparison of Au, Au-Pt, and Au-Ag nanoparticles  
as markers for immunochromatographic  
determination of nonylphenol**

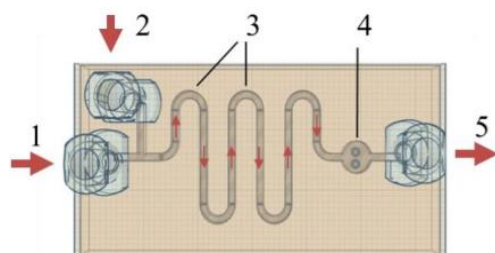


### 202310104

ARTICLE / MOSM2022 Special Issue

Elena Salimgareeva, Dinara Igdisanova, Daria Gordeeva,  
Elena Yarkova, Anatoly Matern, Elena Gerasimova,  
Alla Ivanova

**Portable potentiometric device for determining  
the antioxidant capacity**

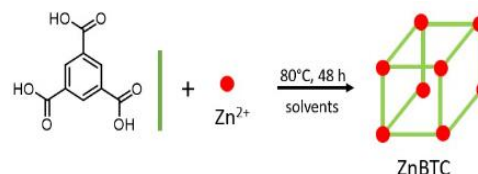


## 202310105

ARTICLE / MOSM2022 Special Issue

Maria V. Timofeeva, Andrey N. Yankin

### Synthesis and characterization of ZnBTC-based MOFs: effect of solvents and salt

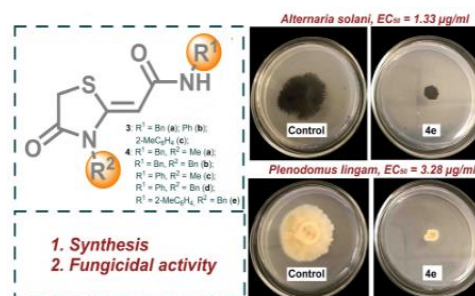


## 202310106

LETTER / MOSM2022 Special Issue

Konstantin L. Obydenov, Tatiana A. Kalinina,  
Daria V. Ryabova, Maria F. Kosterina,  
Tatiana V. Glukhareva

### 2-(4-Oxo-1,3-thiazolidin-2-ylidene)acetamid as promising scaffold for designing new antifungal compounds

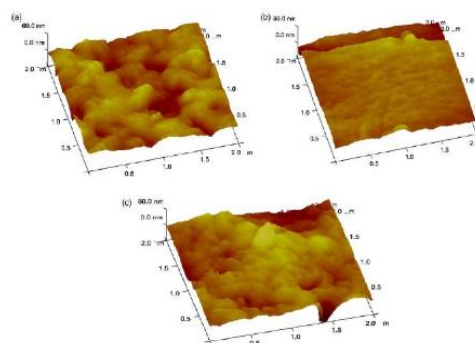


## 202310107

REVIEW / Regular Issue

Eman S. Awad, Siraj M. Abdulla, T. M. Sabirova,  
Qusay F. Alsahy

### Membrane techniques for removal detergents and petroleum products from carwash effluents: a review

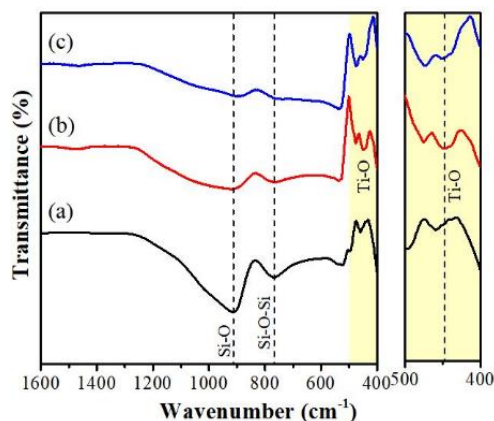


## 202310108

ARTICLE / Regular Issue

Yulia Eka Putri, Tio Putra Wendari, Restu Aulia Arham,  
Melvi Muharmi, Dedi Satria, Rahmayeni Rahmayeni,  
Diana Vanda Wellia

### Optical response of SrTiO<sub>3</sub> thin films grown via a sol-gel-hydrothermal method

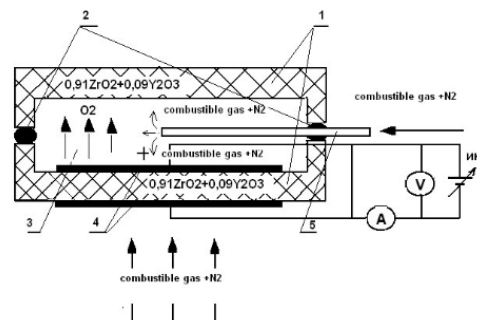


**202310109**

LETTER / Regular Issue

Anatoly S. Kalyakin, Alexander N. Volkov

**Electrochemical detection of simple alkanes by utilizing a solid-state zirconia-based gas sensor**

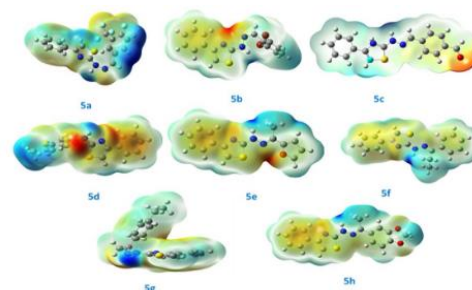


**202310110**

ARTICLE / Regular Issue

C. Kiran Yadav, B.P. Nandeshwarappa,  
K.M. Mussuvir Pasha

**Synthesis, computational study, solvatochromism and biological studies of thiazole-owing hydrazone derivatives**

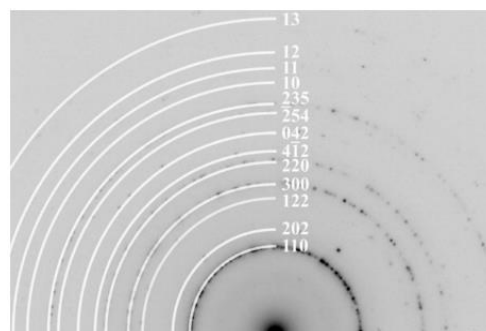


**202310111**

ARTICLE / Regular Issue

Anton A. Yushkov, Vladimir Yu. Kolosov

**The crystallization of thin Sb<sub>2</sub>Te films with vacuum annealing and an electron beam**

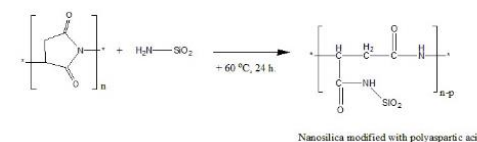
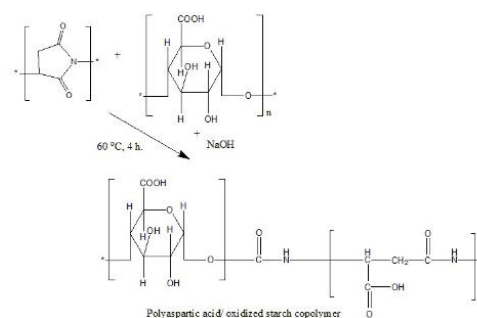


**202310112**

REVIEW / Regular Issue

Muhamad Jalil Baari

**The oligosuccinimide and modified polysuccinimide as green corrosion and scale inhibitors**

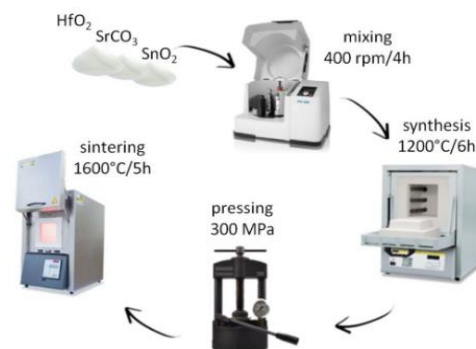


**202310113**

ARTICLE / Regular Issue

Adelya S. Khaliullina, Anastasia N. Meshcherskikh,  
Liliya A. Dunyushkina

**Effect of Sn doping on sinterability and electrical conductivity of strontium hafnate**



**202310114**

REVIEW / Regular Issue

Sarah A. Abdulrahman, Salah S. Ibraheem,  
Zainab Y. Shnain

**An overview of wastewater treatment using combined heterogeneous photocatalysis and membrane distillation**

