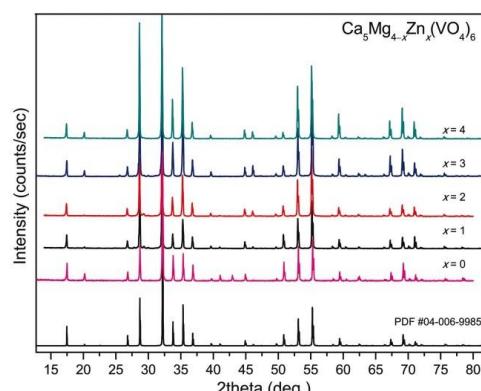


Contents

20229201

ARTICLE / Regular Issue

Anna S. Tolkacheva, Sergey N. Shkerin,
Sofya A. Petrova, Olga M. Fedorova,
Svetlana G. Titova, Ivan I. Leonidov

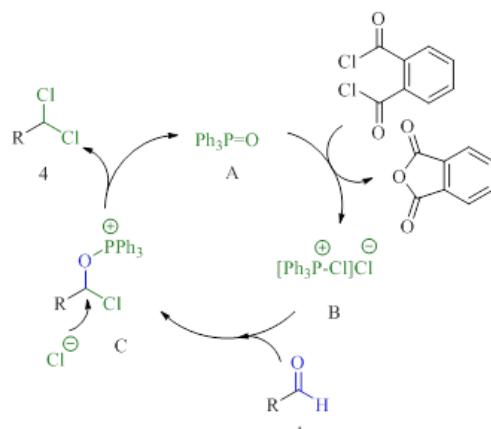


In situ synthesis, structural chemistry and vibrational spectroscopy of Zn-doped $\text{Ca}_5\text{Mg}_4(\text{VO}_4)_6$

20229202

ARTICLE / Regular Issue

D. A. Shipilovskikh, M. F. Konkova, I. P. Nikonov,
M. M. Gladysheva, S. A. Shipilovskikh

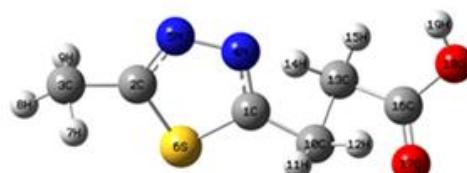


A method of mild deoxydichlorination
of aldehydes catalyzed by Triphenylphosphine oxide

20229203

REVIEW / Regular Issue

Dyari Mustafa Mamand, Awat Hamad Awla,
Twana Mohammed Kak Anwer, Hiwa Mohammad Qadr

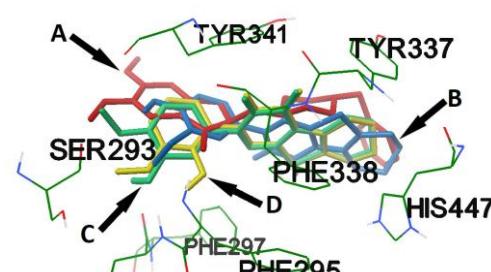


Quantum chemical study of heterocyclic organic
compounds on the corrosion inhibition

20229204

ARTICLE / Regular Issue

Alexey S. Chiriapkin, Ivan P. Kodonidi,
Dmitry I. Pozdnyakov, Alexander A. Glushko

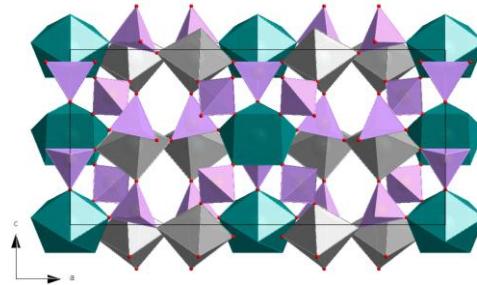


Synthesis, *in vitro* and docking studies of 2-substituted 5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidine-4(3H)-one derivatives as agents for the treatment of Alzheimer's disease

20229205

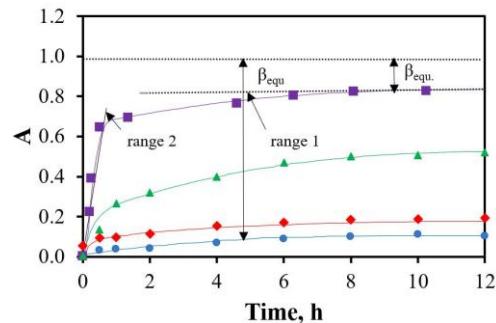
ARTICLE / Regular Issue

B. G. Bazarov, S. G. Dorzhieva, R. Y. Shendrik,
Y. L. Tushinova, Ts. T. Bazarova, D. O. Sofich,
O. D. Chimitova, J. G. Bazarova

**Synthesis and luminescent properties
of new tungstates $\text{Ln}_2\text{Zr}(\text{WO}_4)_5$ ($\text{Ln} = \text{Tb}, \text{Dy}$)****20229206**

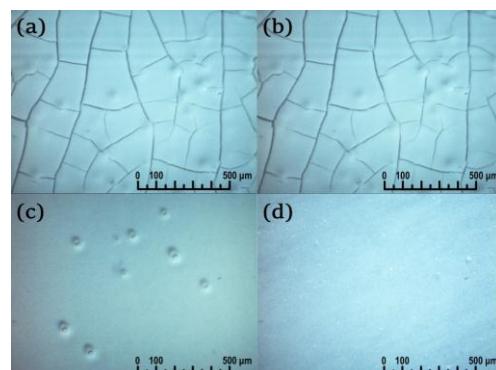
ARTICLE / Regular Issue

Anzhela Shurshina, Roman Lazdin, Elena Zakharova,
Anastasiya Titlova, Elena Kulish

**Prolonging effect of polyvinyl alcohol
on the drug release****20229207**

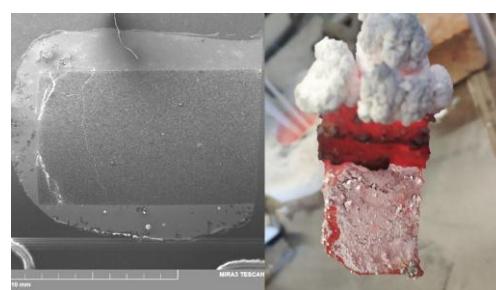
ARTICLE / Regular Issue

Elena G. Kalinina, Darya S. Rusakova,
Elena Yu. Pikalova

**Peculiarities of electrophoretic deposition and
morphology of deposited films in non-aqueous
suspensions of Al_2O_3 -Al nanopowder****20229208**

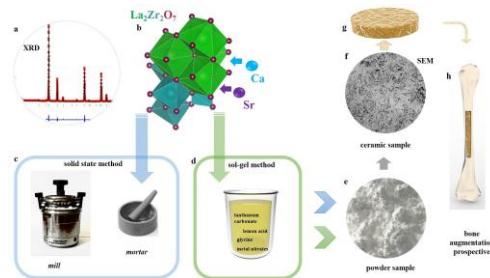
ARTICLE / Regular Issue

A. V. Rudenko, A. A. Kataev, M. M. Neupokoeva,
O. Yu. Tkacheva

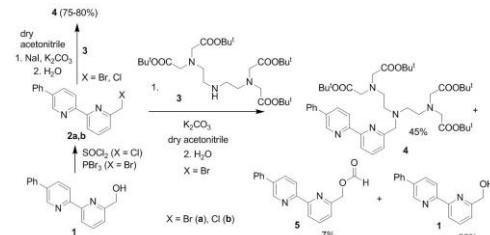
**Borated graphite cathodes
for low-temperature aluminum electrolysis**

20229209

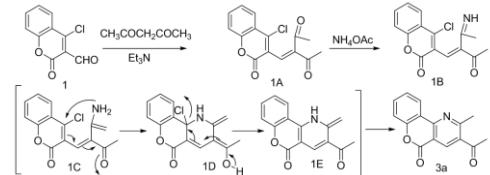
LETTER / Regular Issue

 Natalia Tarasova, Anzhelika Galisheva, Ksenia Belova,
 Anastasia Mushnikova, Elena Volokitina

**Ceramic materials based on lanthanum zirconate
for the bone augmentation purposes:
materials science approach**
20229210

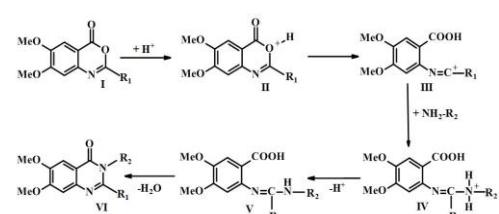
LETTER / Regular Issue

 Dmitry S. Kopchuk, Alexey P. Krinochkin,
 Maria I. Valieva, Ekaterina S. Starnovskaya,
 Yaroslav K. Shtaitz, Svetlana S. Rybakova,
 Evgeny D. Ladin, Ekaterina A. Kudryashova,
 Elvira R. Sharafieva, Oleg N. Chupakhin

**Improved method for the obtaining DTTA-appended
2,2'-bipyridine ligands for lanthanide cations**
20229211

ARTICLE / Regular Issue

 Shrishnu Kumar Kundu, Susanta Patra, Chayan Sardar,
 Sunil Kumar Bhanja, Prasanta Patra

**Synthesis of 5*H*-Chromeno[4,3-*b*]pyridin-5-one
derivatives as a backbone of natural product
polyneomarline C scaffolds in presence of Et₃N
and NH₄OAc in EtOH**
20229212

ARTICLE / Regular Issue

 Alexey S. Chiriapkin, Ivan P. Kodonidi,
 Dmitry I. Pozdnyakov

**Synthesis and evaluation of cerebroprotective activity
of novel 6,7-dimethoxyquinazolin-4(3*H*)-one
derivatives containing residues
of amino acids and dipeptides**