

Collect. Czech. Chem. Commun.  
1998, 63, 1–19

**Vanadyl Phosphate and Its Intercalation Reactions.  
A Review**

Jaroslava Kalousova, Jiri Votinsky, Ludvik Benes,  
Klara Melanova and Vitezslav Zima

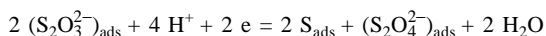
○ Structure of the Layered VOPO<sub>4</sub>

○ Intercalation of Lewis bases

○ Redox Intercalation of Ammonium  
and Metal Cations

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1998, 63, 20–30

**Adsorption and Oxidation  
of Thiosulfate on a Platinum  
Electrode in Acid Solution**

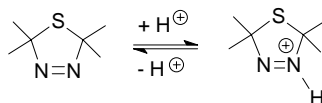


Tomas Loucka

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1998, 63, 31–41

**Electrochemical Study of Acid-Base Properties  
of Some 2,5-Dihydro-1,3,4-thiadiazoles  
in Aqueous-Ethanolic Solutions**

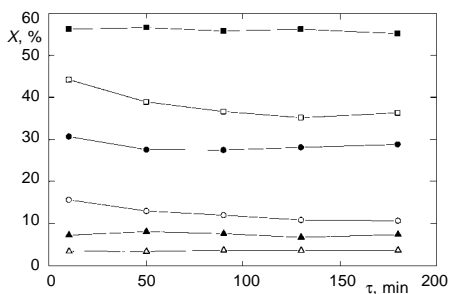
Maria Turowska, Grzegorz Mloston,  
Pawel Krzyczmonik, Jacek Raczak  
and Jaroslaw Romanski



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1998, 63, 42–52

**Skeletal Isomerization of n-Butane Over  
Mordenite and Beta Zeolites**

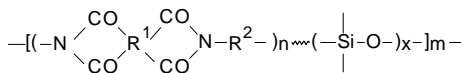
Evzen Baburek and Jana Novakova



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1998, 63, 53–56

### Water Transport and Sorption in Polyimide–Polysiloxane Copolymers

Petr Sysel, Vladimír Hynek  
and Milan Šipek

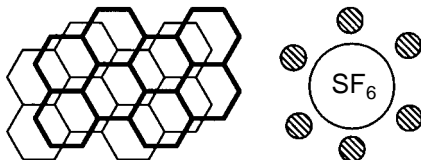


PI-PSX copolymer

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1998, 63, 57–63

### The Incorporation of SF<sub>6</sub> Into Graphite and Other Materials

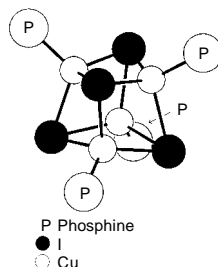
Jiri Vondrak, Marie Sedlarikova  
and Karel Liedermann



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1998, 63, 64–74

### Synthesis, Characterization and Crystal Structure of [Tetra-μ<sub>3</sub>-iodotetrakis{1'-(diphenylphosphino)-ferrocenecarboxylic Acid-P}tetra-copper(I)]-Acetic Acid (1 : 2)

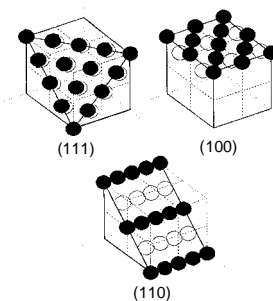
Petr Štepnicka, Robert Gyepes  
and Jaroslav Podlaha



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1998, 63, 75–84

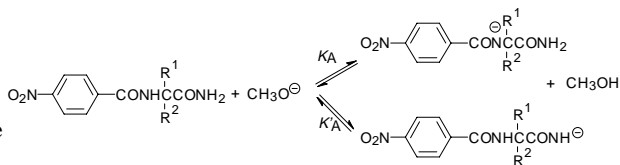
### Effect of the Crystallographic Orientation on Photovoltaic Properties of p-GaP Electrodes

Ivo Jakubec, Jiri Vondrak, Jana Bludská  
and Ladislav Pekarek



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1998, 63, 85–93

**Substituent Effect on Acidity of Substituted 2-(4-Nitrobenzoylamino)alkanamides in Methanol–Dimethyl Sulfoxide Mixtures**

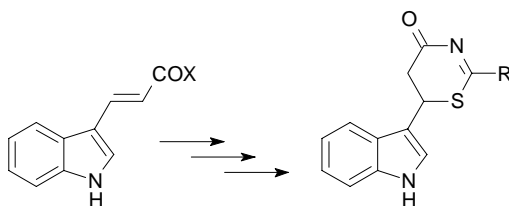


Petr Mitas, Milos Sedlak  
and Jaromir Kavalek

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1998, 63, 94–102

**Synthesis and Antifungal Activity of New Indolylthiazinone Derivatives**

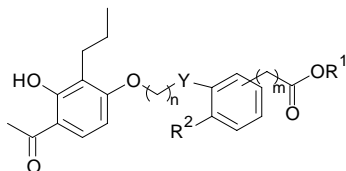
Milan Dzurilla, Peter Kutschy,  
Jalpa P. Tewari, Martin Ruzinsky,  
Stanislav Senvicky and Vladimir Kovacik



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1998, 63, 103–114

**2,4-Dihydroxyacetophenone Derivatives as Antileukotrienes with a Multiple Activity Mechanism**

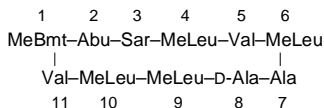
Miroslav Kuchar, Katerina Culikova,  
Vladimira Panajotovova, Bohumila Brunova,  
Antonin Jandera and Vojtech Kmonicek



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1998, 63, 115–120

**Crystal Structure of Cyclosporin E**

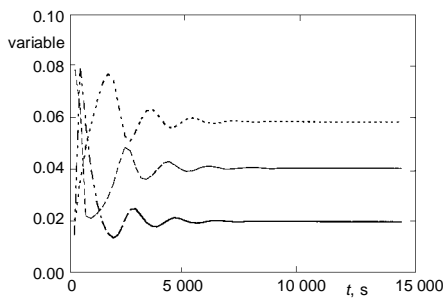
Michal Husak, Bohumil Kratochvil,  
Martin Buchta, Ladislav Cvak  
and Alexandr Jedorov



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1998, 63, 121–131

### Effect of Kinetic Parameters on the Dynamics of Continuous Crystallizers

Jaroslav Nyvlt



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1998, 63, 132–140

### Diffusion-Layer Theory for Flows Under Apparent Wall Slip

Ondrej Wein

