

CONTENTS

REVIEW ARTICLE

- 323 **Combretastatin A-4 and Its Analogues as Antineoplastic Agents** — Dzierzbicka K. and Kołodziejczyk A.M.

INORGANIC CHEMISTRY

- 343 **Synthesis, Crystal Structure and Magnetic Properties of $[\text{Mn}(\text{L})_2(\text{N}(\text{CN})_2)_2]$, a One-Dimensional Systems with End to End Single Dicyanamide Bridges (L = 4-Cyanopyridine N-Oxide)** — Zhao Q.H., Liu Y.Q. and Fang R.B.
- 349 **Formation of Copper Sulfide Layers on the Surface of Polyethylene Films of Various Density by the Use of Polythionic Acids** — Ancutiene I., Janickis V. and Giesa R.

ORGANIC CHEMISTRY

- 361 **Synthesis of Naphtho[2,1-*b*]furanylum Cation and Its Reaction with Alcohols and Trialkyl Phosphites** — Yavari I., Anary-Abbasinejad M. and Hossaini Z.
- 369 **Syntheses and *In Vitro* Antitumor Activity of 3-Amino-*N*-(4-chlorobenzene-sulfonyl)guanidine Derivatives Containing *N'*-Arylidene Moiety** — Sławiński J., Bednarski P. and Reszka P.
- 381 **Mild Conditions Synthesis of Mixed Organic Peroxides from Alkyl Halides and Organic Hydroperoxides** — Baj S., Krawczyk T., Siewniak A. and Rączkowska A.
- 385 **Efficient Synthesis of 3,4-Dihydropyrimidin-2(1*H*)-ones by Aluminum Hydrogensulfate** — Khodaei M.M., Salehi P., Zolfigol M.A. and Sirouszadeh S.
- 389 **X-ray, $^1\text{H}/^{13}\text{C}$ 2D and 3D NMR Studies of the Structures of Davallene and Adipedatol, Two Triterpenes Isolated from American *Adiantum capillus-veneris*** — Jankowski C.K., Aumelas A., Thuéry P., Reyes-Chilpa R., Jimenez-Estrada M., Barrios H. and Diaz E.
- 409 **Synthesis of Conjugates of Muramyl Dipeptide and nor-Muramyl Dipeptide with Retro-Tuftsia (Arg-Pro-Lys-ThrOMe) as Potential Immunostimulants** — Dzierzbicka K.
- 417 **Synthesis of 4,5-Dicyanoimidazoles** — Bukowska M., Prejzner J. and Szczeciński P.
- 423 **Proctolin Analogues Modified at Position 4 of the Peptide Chain. Synthesis and Myotropic Effects in Insects** — Woźnica I., Rosiński G. and Konopińska D.
- 431 **Determination of Enantiomeric Excess of Cyclophosphamide by X-ray Powder Diffraction (XRPD)** — Tadeusiak E.J., Kruszyński R. and Misiura K.

PHYSICAL CHEMISTRY

- 437 **Kinetics and Mechanism of Perborate Oxidation of Aromatic Aldehydes** — Medien H.A.A.

COMMUNICATIONS

- 447 **Studies on the Controllable Luminescence Properties from Red to Green of Rare Earth Complexes** — Cai ZH.H., Tang Y. and Tan M.Y.
- 451 **Syntheses and Characterization of Transition Metal Doped Molybdovanadophosphoric Heteropoly Compounds** — Jing S.B., Jin Z.J., Zhu W.C., Wang Z.L. and Wang G.J.
- 457 **Kinetics of Nitrito-O Substitution in a Macrocyclic Chromium(III) Complex in Alkaline Media** — Katafias A., Madej E., Impert O., Cywińska B. and Kita P.