

**Списък на научните публикации,
участващи в конкурса по група от показатели Г (съгласно
Приложение 1), които не повтарят представените по други конкурси за
заемане на академични длъжности и придобиване на научни степени
на гл. ас. д-р Надежда Василева Маркова**

1. [10]. M. Simeonova, G. Ivanova, V. Enchev, **N. Markova**, M. Kamburov, C. Petkov, A. Devery, R. O'Connor, D.F. Brougham
“Physicochemical characterization and in vitro behavior of Daunorubicin-loaded poly(butyl-cyanoacrylate) nanoparticles”
Acta Biomaterialia 5 (2009) 2109-2121 **Q1**

2. [12]. **N. Markova**, G. Ivanova, V. Enchev, M. Simeonova
“Tacticity of poly(butyl-alpha-cyanoacrylate) chains in nanoparticles: NMR spectroscopy and DFT calculations”
Structural Chemistry 23 (2012) 815– 824 **Q2**

3. [13]. V. Enchev, V. Monev, **N. Markova**, M. Rogozherov, S. Angelova, M. Spassova
“A model system with intramolecular hydrogen bonding: effect of external electric field on the tautomeric conversion and electronic structures”
Computational and Theoretical Chemistry 1006 (2013) 113-122 **Q2**

4. [14]. V. Enchev, **N. Markova**, M. Stoyanova, P. Petrov, M. Rogozherov, N. Kuchukova, I. Timtcheva, V. Monev, S. Angelova, M. Spassova
“Excited state proton transfer in 3,6-bis(4,5-dihydroxyoxazo-2-yl)benzene-1,2-diol”
Chemical Physics Letters 563 (2013) 43-49 **Q2**

5. [19]. V. Enchev, I. Angelov, V. Mantareva, **N. Markova**
“2-Carbamido-1,3-indandione – a fluorescent molecular probe and sunscreen candidate”
Journal of Fluorescence 25 (2015) 1601-1614 **Q2**

6. [23]. V. Enchev, **N. Markova**, M. Marinov, N. Stoyanov, M. Rogojerov, A. Ugrinov, I. Wawer, D.M. Pisklak
„2-Methylthio-imidazolins – a rare case of different tautomeric forms in solid state and in solution“
Structural Chemistry 28(3) (2017) 757-772 **Q2**

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Journal of Molecular Structure 1135 (2017) 144-152 **Q3**

8. [15]. M. Marinov, P. Marinova, N. Stoyanov, **N. Markova**, V. Enchev
“Synthesis of 3',4'-dihydro-2H,2'H,5H-spiro[imidazolidine-4,1'-naphthalene]-2,5-dione and its derivatives”
Acta Chimica Slovenica 61 (2014) 420-424 **Q3**

9. [30]. Marinov, M.N., Naydenova, E.D., Momekov, G., Prodanova, R.Y., **Markova, N.V.**, Voynikov, Y., Stoyanov, N.M.
 „Synthesis, Characterization, Quantum-Chemical Calculations and Cytotoxic Activity of 1,8-Naphthalimide Derivatives with non-Protein Amino Acids”
Anti-Cancer Agents in Medicinal Chemistry 19 (2019) 1276-1284 **Q3**

10. [31]. **N. V. Markova**, M. I. Rogojerov, V. T. Angelova, N. G. Vassilev
 „Experimental and theoretical conformational studies of hydrazine derivatives bearing a chromene scaffold”
Journal of Molecular Structure 1198, (2019) 126880 **Q3**

11. [6]. V. Enchev, M. Rogojerov, S. Angelova, **N. Markova**
 “Ab initio study of 2,4-substituted azolidines. III. Theoretical and experimental IR study of pseudothiohydantoin in water solution”
Bulgarian Chemical Communications 37 (2005) 302-306 **Q4**

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 ”Ab initio and DFT study on the structure of metal ion complexes with N-benzalaniline-15-crown-5”
Bulgarian Chemical Communications 40 (2008) 532-537 **Q4**

13. [18]. M.N. Marinov, P.E. Marinova, **N.V. Markova**, N.M. Stoyanov
 „Synthesis, characterization and DFT studies of hydrazones of cycloalkanespirodithiohydantoins”
Bulgarian Chemical Communications 47 (4) (2015) 1022-1027 **Q4**

Номерацията в средните скоби е по общия списък с всички публикации.