

Списък на научните публикации на гл. ас. д-р Никола Томов Бурджиев

Общо: 27

СТАТИИ

Общо: 24

1. „Reaction between glutaric anhydride and N-benzylidenebenzylamine, and further transformations to new substituted piperidin-2-ones“
Burdzhiev, N.T., Stanoeva, E.R.
Tetrahedron, **2006**, 62 (35), 8318-8326. DOI: 10.1016/j.tet.2006.06.054
Indexed: Scopus; IF(2006) = 2.817 (16 цитата); Q1 (sjr)
2. „Automatic selection of mobile phases. VI. Thin-layer chromatography on silica of libraries of piperidinones“
Burdzhiev, N., Palamarev, Ch., Palamareva, M.
Journal of Liquid Chromatography and Related Technologies, **2006**, 29 (14), 2045-2057.
DOI: 10.1080/10826070600758456
Indexed: Scopus; IF(2006) = 0.825 (0 цитата); Q2 (sjr)
3. “Synthesis of new polysubstituted pyrrolidinones with potential biological activity”
Burdzhiev, N.T., Stanoeva, E.R.
Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, **2008**, 63 (3), 313-320. DOI: 10.1515/znb-2008-0315
Indexed: Scopus; IF(2008) = 0.852 (3 цитата); Q2 (sjr)
4. “Tautocrowns: Aza-15-crown moiety conjugated to a tautomeric schiff base”
Deneva, V., Burdzhiev, N., Stanoeva, E., Antonov, L.
Spectroscopy Letters, **2010**, 43 (1), 22-27. DOI: 10.1080/00387010903260273
Indexed: Scopus; IF(2010) = 0.612 (2 цитата); Q4 (sjr)
5. “Synthesis, structure, spectral and coordination properties of a crown ether derivative of 1,3-indandione. A new structural evidence for the versatile reactivity of 2-acetyl-1,3-indandione”
Ahmedova, A., Burdzhiev, N., Ciattini, S., Stanoeva, E., Mitewa, M.
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6. "Synthesis of piperidinones incorporating an amino acid moiety as potential SP antagonists"
Burdzhiev, N., Stanoeva, E.
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Indexed: Scopus; IF(2010) = 1.600 (3 цитата); Q1 (sjr)

7. "Smooth-muscle effects of newly synthesized amino-methyl piperidinones"
Mateeva, P., Burdzhiev, N., Stanoeva, E., Baramov, T., Zamfirova, R.
Comptes Rendus de L'Academie Bulgare des Sciences, **2010**, 63 (11), 1675-1680.
Indexed: Scopus; IF(2010) = 0.219 (0 цитата); Q2 (sjr)

8. "Synthesis and transformations of polysubstituted diastereomeric 5-oxomorpholin-2-carboxylic acids"
Burdzhiev, N., Stanoeva, E., Shivachev, B., Nikolova, R.
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9. "Synthesis of novel 13a-(o-aminoalkyl)-8-oxoberbines by means of reaction of homophthalic anhydride with 1-substituted 3,4-dihydroisoquinolines. An unexpected formation of a pyrrolo[3,4-i]berbindione"
Stanoeva, E., Georgieva, A., Avramova, S., Burdzhiev, N., Lázár, L.
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Indexed: Scopus; IF(2015) = 0.685 (1 цитат); Q4 (sjr)

10. "Synthetic Approaches toward the Benzo[a]quinolizidine System. A Review"
Pashev, A.S., Burdzhiev, N.T., Stanoeva, E.R.
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11. "3-(2-Hydroxyethyl)-2-methylbenzothiazolium bromide"
Minkovska, S., Gadjev, N., Burdzhiev, N., Alexiev, A., Deligeorgiev, T.
MolBank, **2016**, 2016 (4), art. no. M920. DOI: 10.3390/M920
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12. "Synthesis of bioactive aminoacid derivatives of trans-5-aminomethyl-1-benzyl-6-phenylpiperidin-2-one"
Baramov, T.I., Burdzhiev, N.T., Pandova, B.T., Todorova, V.Z., Yanev, S.G., Stanoeva, E.R., Chanev, C.D.
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E. Cherneva, R. T. Buyukliev, N. Burdzhiev, R. Michailova, A. G. Bakalova
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14. "Rapid synthesis of (3-bromopropyl)triphenylphosphonium bromide or iodide"
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15. "A novel fast green method for the preparation of the squaraine dye 3-oxo-4[(1,3,3-trimethyl-3H-indol-1-ium-2-yl)methylene]-2-[(1,3,3-trimethylindolin-2-ylidene)methyl]cyclobut-1-enolate, inner salt"
Minkovska, S., Burdzhiev, N., Alexiev, A., Deligeorgiev, T.
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Indexed: Scopus; IF(2018) = 1.246 (2 цитата); Q2 (sjr)

16. "Copper radiopharmaceuticals for theranostic applications"
Ahmedova, A., Todorov, B., Burdzhiev, N., Goze, C.
European Journal of Medicinal Chemistry, **2018**, 157, 1406-1425.
DOI: 10.1016/j.ejmech.2018.08.051
Indexed: Scopus; IF(2018) = 4.833 (13 цитата); Q1 (sjr)

17. "Effect of Surfactant-Bile Interactions on the Solubility of Hydrophobic Drugs in Biorelevant Dissolution Media"
Vinarov, Z., Katev, V., Burdzhiev, N., Tcholakova, S., Denkov, N.
Molecular Pharmaceutics, **2018**, 15 (12), 5741-5753. DOI:
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Indexed: Scopus; IF(2018) = 4.396 (8 цитата); Q1 (sjr)

18. "Analytically confirmed synthetic cannabinoid 5F-ADB sprayed on "herbal mixture"
Ivanov, I.D., Stoykova, S.S., Burdzhiev, N.T., Pantcheva, I.N., Atanasov, V.N.
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19. "A case of 5F-ADB / FUB-AMB abuse: Drug-induced or drug-related death?"
Ivanov, I.D., Stoykova, S., Ivanova, E., Vlahova, A., Burdzhiev, N., Pantcheva, I., Atanasov, V.N.
Forensic Science International, **2019**, 297, 372-377. DOI: 10.1016/j.forsciint.2019.02.005
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20. “Aromatic 19 F- 13 C TROSY: a background-free approach to probe biomolecular structure, function, and dynamics”
Boeszoermenyi, A., Chhabra, S., Dubey, A., Radeva, D.L., Burdzhiev, N.T., Chanev, C.D., Petrov, O.I., Gelev, V.M., Zhang, M., Anklin, C., Kovacs, H., Wagner, G., Kuprov, I., Takeuchi, K., Arthanari, H.
Nature Methods, **2019**, 16 (4), 333-340. DOI: 10.1038/s41592-019-0334-x
Indexed: Scopus; IF(2019) = 30.822 (19 цитата); Q1 (sjr)
21. “Synthesis of novel trans-4-(phthalimidomethyl)- and 4-(imidazol-1-ylmethyl)-3-indolyl-tetrahydroisoquinolinones as possible aromatase inhibitors”
Burdzhiev, N.T., Baramov, T.I., Stanoeva, E.R., Yanev, S.G., Stoyanova, T.D., Dimitrova, D.H., Kostadinova, K.A.
Chemical Papers, **2019**, 73 (5), 1263-1277. DOI: 10.1007/s11696-018-00677-7
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22. “Solubilization of itraconazole by surfactants and phospholipid-surfactant mixtures: interplay of amphiphile structure, pH and electrostatic interactions”
Vinarov, Z., Gancheva, G., Burdzhiev, N., Tcholakova, S.
Journal of Drug Delivery Science and Technology, **2020**, 57, art. no. 101688. DOI: 10.1016/j.jddst.2020.101688
Indexed: Scopus; IF(2019)¹ = 2.734 (0 цитата); Q2 (sjr)
23. “One-step route to tricyclic fused 1,2,3,4-tetrahydro-isoquinoline systems via the Castagnoli–Cushman protocol”
Pashev, A., Burdzhiev, N., Stanoeva, E.
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Indexed: Scopus; IF(2019)¹ = 2.622 (0 цитата); Q2 (sjr)
24. “¹³C CPMAS NMR as a tool for full structural description of 2-phenyl substituted imidazoles that overcomes the effects of fast tautomerization”
Burdzhiev, N., Ahmedova, A., Borrisov, B., Graf, R.
Molecules, **2020**, 25 (17), art. no. 3770. DOI: 10.3390/molecules25173770
Indexed: Scopus; IF(2019)¹ = 3.267 (0 цитата); Q1 (sjr)

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УЧЕБНИ ПОМАГАЛА

Общо: 3

25. „Ръководство за лабораторни упражнения със сборник от задачи по Органична химия за студентите от специалност „Фармация””
Невена Петкова-Янкова, Никола Бурджиев, Християн Александров, Росица Николова,
Георги Вайсилов
Университетско издателство „Св. Климент Охридски“, София, 2019
26. “Националната олимпиада по химия и опазване на околната среда (2000-2019).
Областен кръг, Част 1 Въпроси и задачи”
Геомил Пеков, Христо Чанев, Пенка Василева, Донка Ташева, Даниела Цекова,
Никола Бурджиев, Марко Костадинов, Адриана Тафрова-Григорова
Университетско издателство „Св. Климент Охридски“, София, 2019
27. “Националната олимпиада по химия и опазване на околната среда (2000-2019).
Областен кръг, Част 2 Решения и отговори на въпросите и задачите”
Геомил Пеков, Христо Чанев, Пенка Василева, Донка Ташева, Даниела Цекова,
Никола Бурджиев, Марко Костадинов, Адриана Тафрова-Григорова
Университетско издателство „Св. Климент Охридски“, София, 2019

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