

Всички цитати (първа част - на научни публикации)

- **Звено:** (ИОХЦФ) Институт по органична химия с център по фитохимия
- **Секция:** (ИОХЦФ) ОРГАНИЧЕН СИНТЕЗ И СТЕРЕОХИМИЯ
- **Име:** (ИОХЦФ/0017) Денева, Вера
- **Година:** 2018 ÷ 2023
- **Тип записи:** Всички записи

2017

1. Marciniak, H., **Hristova, S.**, **Deneva, V.**, Kamouhan, F.S., Hansen, P.E., Lochbrunner, S., **Antonov, L.** Dynamics of excited state proton transfer in nitro substituted 10-hydroxybenzo[h]quinolines. Physical Chemistry Chemical Physics, 19, 39, RSC Publishing, 2017, DOI:10.1039/C7CP04476C, 26621-26629. ISI IF:4.123

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1. N. Suzuki, K. Suda, D. YokogawaDaisuke Yokogawa. "Near Infrared Two-Photon-Excited and -Emissive Dyes Based on a Strapped Excited-State Intramolecular Proton-Transfer (ESIPT) Scaffold". Chemical Science 9(10), 2018, @2018 [Линк](#) 1.000
2. M. A. Rohman, D. Sutradhar, P. R. Bangal, Excited State Decay Dynamics in 3-Formyl-4-hydroxy Benzoic Acid: Understanding the Global Picture of an ESIPT-Driven Multiple-Emissive Species, ChemistrySelect 4(22):6702-6712, 2019., @2019 [Линк](#) 1.000
3. Fang, H. A theoretical study on water-assisted excited state double proton transfer process in substituted 2, 7-diazaindole-H₂O complex. Theor Chem Acc 139, 139 (2020)., @2020 [Линк](#) 1.000
4. Ni, M., Su, S. & Fang, H. Substituent control of photophysical properties for excited-state intramolecular proton transfer (ESIPT) of o-LHBDI derivatives: a TD-DFT investigation. J Mol Model 26, 108 (2020), @2020 [Линк](#) 1.000
5. Xue, J., Guo, X., Wang, X. et al. Density functional theory studies on cytosine analogues for inducing double-proton transfer with guanine. Sci Rep 10, 9671 (2020), @2020 [Линк](#) 1.000
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8. Li Y., Siddique F., Aquino A. J. A., Lischka H., Molecular Dynamics Simulation of the Excited-State Proton Transfer Mechanism in 3-Hydroxyflavone Using Explicit Hydration Models (2021) J. Phys. Chem. A, 125, 26, 5765–5778., @2021 [Линк](#) 1.000
9. Loe C.M., Liekhus-Schmaltz C., Govind N., Khalil M., Spectral Signatures of Ultrafast Excited-State Intramolecular Proton Transfer from Computational Multi-edge Transient X-ray Absorption Spectroscopy (2021) J. Phys. Chem. Lett., 12, 40, 9840–9847., @2021 [Линк](#) 1.000
10. Picconi D., Nonadiabatic quantum dynamics of the coherent excited state intramolecular proton transfer of 10-hydroxybenzo[h]quinoline, Photochem. Photobiol. Sci. (2021) Photochem. Photobiol. Sci. 20, 1455–1473., @2021 [Линк](#) 1.000
11. Savenko E. S., Kostjukov V. V., Coumarin 314 excitation in aqueous media: Contributions of vibronic coupling and hydration. Journal of Photochemistry and Photobiology A: Chemistry (2022), 430, p.113965., @2022 [Линк](#) 1.000
12. Tan N., Zhu J., New E., Fluorescent Sensors of the Cellular Environment Chapter 6 Wiley WCH (2022)., @2022 [Линк](#) 1.000
13. Zhou Q., Peng Di W., Wanxia Wen S., Theoretical Study the Mechanism of ESIPT Process for pyridine-hydrazone-substituted naphthalimide receptor 4a-E (2022) Chemical Physics Letters art. no. 139933.https://doi.org/10.1016/j.cplett.2022.139933, @2022 [Линк](#) 1.000
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16. Xie, Z.-L., Gupta N., Jens N., Poluektov O., Lynch V., Glusac K., Mulfort K., Photochemical charge accumulation in a heteroleptic copper(i)-anthraquinone molecular dyad via proton-coupled electron transfer, Chem. Sci. (2023) 14, 10219-10235, DOI: 10.1039/D3SC03428C, @2023 [Линк](#) 1.000
17. Zhou, Q., Wang, H., Song, P. Theoretical Study the Direction of the Excited-State Intramolecular Proton Transfer of Hbs Molecule, New Journal of Chemistry (2023), 47, 16059-16065, DOI: 10.1039/D3NJ03039C, @2023 [Линк](#) 1.000
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19. Ziran Chen, Yuan Li, Yonghua Guan, Hongping Li, Rational design of the nonlinear optical materials dinaphtho[2, 3-b:2', 3'-d]thiophene-5, 7, 12, 13-tetraone (DNTTRA) and its phenyldiazenyl derivatives using first-principles calculations, Journal of Computational Electronics, pp 1–10, (2019)., @2019 [Линк](#) 1.000

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22. Chen, Z., Zhang, Y., Li, Y. et al. DFT Investigation of Triarylamine- α -cyanoacrylic Acid Compounds: Structural, Electronic, and Nonlinear Optical Properties. J Mol Model 28, 223 (2022), @2022 [Линк](#) 1.000
23. Cui Y.-M., Li W., Shen T.-Z., Tao Y.-X., Liu B.-Q., Li X.-L., Zhang R.-X., Jiang D.-W., Xiao D.-W., Design, synthesis and anti-breast cancer evaluation of biaryl pyridine analogues as potent RSK inhibitors (2022) Bioorganic & Medicinal Chemistry Letters, 59, art. no. 128565., @2022 [Линк](#) 1.000
24. Matović L.R., Sinteza i svojstva novih boja sa azo i vinil-grupom za primenu u solarnim ćelijama aktiviranim bojom (2022), 35/198., @2022 [Линк](#) 1.000
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27. Ly, N.H., Son, S.J., Kim, H.H., Joo, S.-W., Recent Developments in Plasmonic Sensors of Phenol and Its Derivatives (2021) Appl. Sci., 11(22), 10519, DOI: 10.3390/app112210519, @2021 [Линк](#) 1.000
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13. Deneva, V., Antonov, L. Attaching tweezers like ionophore to a proton crane: theoretical design of new tautomeric sensors. Molecular Physics, 13, Taylor & Francis, 2019, ISSN:13623028, DOI:10.1080/00268976.2018.1562127, 1613-1620. JCR-IF (Web of Science):1.704

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34. Masumian, E., Nowroozi, A., Nikparsa, P., Zargari, F. Theoretical evidence for the resonance-inhibited hydrogen bonding (RIHB) in enol-imine tautomers (2021) Chemical Physics, 549, art. no. 111255., @2021 [Линк](#) 1.000
14. Deneva, V., Lycka, A., Hristova, S., Crochet, A., Fromm, K. M., Antonov, L.. Tautomerism in azo dyes: Border cases of azo and hydrazo tautomers as possible NMR reference compounds. Dyes and Pigments, 165, Elsevier BV, 2019, ISSN:01437208, DOI:10.1016/j.dyepig.2019.02.015, 157-163. SJR (Scopus):0.82, JCR-IF (Web of Science):3.767

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35. B. Szadkowski, A. Marzec, J. Rogowski, W. Maniukiewicz, M. Zaborski, Insight into the formation mechanism of azo dye-based hybrid colorant: Physico-chemical properties and potential applications. Dyes and Pigments, 167, 236-244 (2019), @2019 [Линк](#) 1.000
36. Porobić, S. J. Synthesis, structure and properties of novel azo dyes based on 6-hydroxy-4-methyl-2-oxo-1, 2-dihydropyridine-3-carboxamide, dissertation (2020) University of Belgrade, Serbia., @2020 [Линк](#) 1.000
37. Matović L., Lađarević J., Vitnik Ž., Vitnik V., Mijin D., A detailed UV-Vis spectral investigation of six azo dyes derived from benzoic- and cinnamic acids: experimental and theoretical insight (2021) Comptes Rendus. Chimie, Tome 24 no. 2, pp. 267-280., @2021 [Линк](#) 1.000

38. Nalcioğlu Ö., Kılıç E., Taymaz B., Kaniş H., Synthesis of New Azobenzocinnolines and Investigation of Electronic Spectra and Spectroelectrochemical Behaviours (2021) *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, art. no. 120175., @2021 [Линк](#) 1.000
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45. Nitu S., Milea M. S., Boran S., Mosoarca G., Zamfir A. D., Popa S., Funar-Timofei S., Experimental and Computational Study of Novel Pyrazole Azo Dyes as Colored Materials for Light Color Paints, *Materials* (2022), 15(16), 5507., @2022 [Линк](#) 1.000
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51. Kirem H., Naser N. A., A Green Product Using Selective Compound for Susceptible Assessment of Copper in Blood Serum, *CURRENT APPLIED SCIENCE AND TECHNOLOGY* (2023) 23, 4, 10-55003, <https://doi.org/10.55003/cast.2022.04.23.008>, @2023 [Линк](#) 1.000
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15. Deneva, V., Dobrikov, G., Crochet, A., Nedeltcheva, D., Fromm, K.M., Antonov, L. Tautomerism as primary signaling mechanism in metal sensing: the case of amide group. *Beilstein Journal of Organic Chemistry*, 15, Beilstein, 2019, DOI:10.3762/bjoc.15.185, 1898-1906. SJR (Scopus):0.714, JCR-IF (Web of Science):2.595

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56. Parisi, E., Centore, R., Stabilization of an elusive tautomer by metal coordination, *Acta Crystallographica Section C: Structural Chemistry*, 2021, Volume 77, Pages 395-401, @2021 [Линк](#) 1.000
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64. Lin, M.-Y.; Lynch, V.; Ma, D.; Maki, H.; Jin, J.; Tuinstra, M. Multi-Species Prediction of Physiological Traits with Hyperspectral Modeling. *Plants* 2022, 11, 676., @2022 [Линк](#) 1.000
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