

Библиографија

Радови у врхунским међународним часописима (M21):

1. Ivana S. Veljković, **Danijela S. Kretić**, Dušan Ž. Veljković, “Geometrical and energetic characteristics of Se...Se interactions in crystal structures of organoselenium molecules”, *CrystEngComm*, **2021**, 23, 3383-3390.

<https://doi.org/10.1039/D1CE00129A>

IF₂₀₂₁ = 3.545

2. **Danijela S. Kretić**, Jelena I. Radovanović, Dušan Ž. Veljković, “Can the sensitivity of energetic materials be tuned by using hydrogen bonds? Another look at the role of hydrogen bonding in the design of high energetic compounds”, *Physical Chemistry Chemical Physics*, **2021**, 23, 7472-7479.

<https://doi.org/10.1039/D1CP00189B>

IF₂₀₂₁ = 3.676

Радови у истакнутим међународним часописима (M22):

1. **Danijela S. Kretić**, Ivana S. Veljković, Aleksandra B. Đunović, Dušan Ž. Veljković, “Chelate Coordination Compounds as a New Class of High-Energy Materials: The Case of Nitro-Bis(Acetylacetonato) Complexes“, *Molecules*, **2021**, 26, 5438 – 5448.

<https://doi.org/10.3390/molecules26185438>

IF₂₀₂₁ = 4.412

2. **Danijela S. Kretić**, Vesna B. Medaković, Dušan Ž. Veljković, “How Do Small Differences in Geometries Affect Electrostatic Potentials of High-Energy Molecules? Critical News from Critical Points”, *Crystals*, **2022**, 12, 1455 - 1468.

<https://doi.org/10.3390/cryst12101455>

IF₂₀₂₂ = 2.670

Саопштења са међународних скупова штампана у изводима (M34):

1. **Danijela S. Kretić**, Ivana S. Veljković, Dušan Ž. Veljković, “Theoretical Study of σ -hole Bonding between Selenium Atoms in Crystal Structures of Organoselenium Compounds”, *Virtual 4th international symposium on halogen bonding*, November 2-6(2020), Stellenbosch, South Africa, Abstract Book, p. 201.
2. Dušan Ž. Veljković, **Danijela S. Kretić**, Ivana S. Veljković, Dušan P. Malenov, Dragan B. Ninković, Snežana D. Zarić, “Role of hydrogen bonding in modifications of impact sensitivities of high energetic materials: evidence from crystal structures and quantum chemical calculations”, *25th Congress and General Assembly of the International Union of Crystallography*, August 14-22(2021), Prague, Czech Republic.
3. **Danijela S. Kretić**, Dušan Ž. Veljković, Snežana D. Zarić, “Evidence of strong hydrogen bonding in crystal structures of transition metal complexes”, *25th Congress and General Assembly of the International Union of Crystallography*, August 14-22(2021), Prague, Czech Republic.

Саопштења на скуповима од националног значаја штампана у изводима (M64):

1. Dušan Ž. Veljković, Aleksandra B. Đunović, **Danijela S. Kretić**, Snežana D. Zarić, “EVIDENCE OF STRONG METAL-HYDROGEN INTERACTIONS IN CRYSTAL STRUCTURES OF TRANSITION METAL COMPLEXES”, *25th Conference of the Serbian Crystallographic Society*, 2018, Bajna Bašta, Serbia, Abstract Book, p. 24-25.
2. Dušan Ž. Veljković, **Danijela S. Kretić**, Dušan P. Malenov, Ivana S. Veljković, Dragan B. Ninković, Snežana S. Zarić, “Role of non-covalent interactions in modification of properties of high energetic materials”, *57th Meeting of the Serbian Chemical Society*, June 18-19(2021), Kragujevac, Serbia.
3. Aleksandra B. Đunović, **Danijela S. Kretić**, Ivana S. Veljković, Dušan Ž. Veljković, “Role of noncovalent interactions in the control of the sensitivity of high energetic molecules towards detonation”, *27th conference of the Serbian crystallographic society*, September 16-17(2021), Kragujevac, Serbia, Abstract Book, p. 14.

4. Dušan Ž. Veljković, **Danijela S. Kretić**, Dubravka Z. Vojislavljević-Vasilev, Snežana D. Zarić, “Theoretical study of geometries and energies of the Pt...H interactions”, *15th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, September 20-24(2021), virtual meeting.
5. **Danijela S. Kretić**, Ivana S. Veljković, Aleksandra B. Đunović, Dušan Ž. Veljković, “Nitroacetylacetonato complexes as a new class of highly energetic materials: synthesis, characterization and quantum chemical studies”, *58th Meeting of the Serbian Chemical Society*, June 9-10 (2022), Belgrade, Serbia, Abstract Book, p. 152.
6. **Danijela S. Kretić**, Ivana S. Veljković, Dušan Ž. Veljković, “The chelate complexes as an improved high-energy compounds”, *8th Conference of Young Chemists of Serbia*, October 29(2022), Abstract Book, p. 135.
7. **Danijela S. Kretić**, Ivana S. Veljković, Nikola Marković, Dušan Ž. Veljković, “Tris-(nitroacetylacetonato) complexes as new high-energy materials”, *20th Young Researchers Conference – Materials Science and Engineering*, November 30 – December 2(2022), Belgrade, Serbia, Abstract Book, p. 24.