

Списак публикација др Вељка Јанковића

Публикације у врхунским међународним часописима (категорија М21)

1. V. Janković and N. Vukmirović, “Combination of Charge Delocalization and Disorder Enables Efficient Charge Separation at Photoexcited Organic Bilayers”, *J. Phys. Chem. C* **122**, 10343 (2018) [ISSN 1932-7447, IF2017 4,484, SNIP2017 1,147].
2. V. Janković and N. Vukmirović, “Identification of Ultrafast Photophysical Pathways in Photoexcited Organic Heterojunctions”, *J. Phys. Chem. C* **121**, 19602 (2017) [ISSN 1932-7447, IF2017 4,484, SNIP2017 1,147].
3. V. Janković and N. Vukmirović, “Origin of space-separated charges in photoexcited organic heterojunctions on ultrafast time scales”, *Phys. Rev. B* **95**, 075308 (2017) [ISSN 2469-9950, IF2017 3,813, SNIP2017 1,040].
4. V. Janković and N. Vukmirović, “Dynamics of exciton formation and relaxation in photoexcited semiconductors”, *Phys. Rev. B* **92**, 235208 (2015) [ISSN 2469-9950, IF2015 3,718, SNIP2015 1,130].
5. V. Janković and N. Vukmirović, “Nonequilibrium optical conductivity in materials with localized electronic states”, *Phys. Rev. B* **90**, 224201 (2014) [ISSN 1098-0121, IF2014 3,736, SNIP2014 1,316].

Саопштења са међународног скупа штампана у изводу (категорија М34)

1. V. Janković and N. Vukmirović, “Dynamics of Photoexcited Charges in Organic Heterojunctions – Insights from Theory and Simulation”, The 18 th IEEE International Conference on Nanotechnology, 23–26 July 2018, Cork, Ireland, doi: 10.1109/NANO.2018.8626331.
2. V. Janković and N. Vukmirović, “Importance of Carrier Delocalization and Disorder for Incoherent Charge Separation at Organic Bilayers”, E-MRS Spring Meeting 2018, 18–22 June 2018, Strasbourg Convention Center, Strasbourg, France, oral contribution J12.7 (2018).
3. V. Janković and N. Vukmirović, “Origin of space-separated charges in photoexcited organic heterojunctions on subpicosecond time scales”, The 6th International School and Conference on Photonics, Belgrade, Serbia, 28 August – 1 September 2017, Book of Abstracts, p. 164 (2017).
4. V. Janković and N. Vukmirović, “Origin of space-separated charges in photoexcited organic heterojunctions on ultrafast time scales”, Workshop on Spectroscopy and Dynamics of Photoinduced Electronic Excitations, International Center for Theoretical Physics, Trieste, Italy, 8–12 May 2017.
5. V. Janković and N. Vukmirović, “Exciton formation and relaxation dynamics in photoexcited organic semiconductors and their heterojunctions: numerical study”, Gordon Research Conference Electronic Processes in Organic Materials, Barga (Lucca), Italy, 5–10 June 2016. Poster Presentation 41 (2016).
6. V. Janković and N. Vukmirović, “Nonequilibrium electrical transport in materials with localized electronic states”, The 26th International Conference on Amorphous and Nanocrystalline Semiconductors, Aachen, Germany, 13–18 September 2015, Book of Abstracts, p. 72 (2015).

7. V. Janković and N. Vukmirović, “Nonequilibrium high-frequency conductivity in materials with localized electronic states”, The 19th Symposium on Condensed Matter Physics (SFKM), Belgrade, Serbia, 7–11 September 2015, Book of Abstracts, p. 88 (2015).
8. V. Janković and N. Vukmirović, “Nonequilibrium terahertz conductivity in systems with localized electronic states”, EDISON 19, 29 June–2 July 2015, Salamanca, Spain, Book of Abstracts, p. 125 (2015).
9. V. Janković and N. Vukmirović, “Nonequilibrium terahertz conductivity in materials with localized electronic states”, Nanoscale Quantum Optics-Kick off Workshop, 9–10 April 2015, Belgrade, Serbia, Book of Abstracts, p. 55 (2015).

Одбрањена докторска дисертација (категорија М71)

1. В. Јанковић,
“Exciton dynamics at photoexcited organic heterojunctions” (“Динамика екситона на органским хетероспојевима побуђеним светлошћу”),
Универзитет у Београду – Физички факултет, Београд, 2018.