

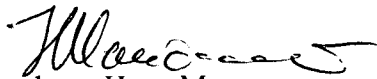
Број дела	03.02.2023		
ОПШТЕ	Број дела	Број дела	Број дела
01	37	6	

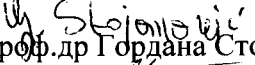
На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова M21A, M21, M22 и M23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

Кандидат	Бр. радова M21A	Бр. радова M21	Бр. радова M22	Бр. радова M23	Укупно поена
Павловић Владан	1	0	8	2	56

У прилогу се налазе бодовани радови.

У Нишу, 03. фебруар 2023.


Проф. др Иван Манчев


Проф. др Гордана Стојановић


Проф. др Мирослав Пирић

Радови у часописима категорије [M21a]

- T. J. Proctor, K. E. Barr, B. Hanson, S. Martiel, V. Pavlović, A. Bullivant and V. M. Kendon, *Nonreversal and nonrepeating quantum walks*, PHYSICAL REVIEW A, **89** 042332-8 (2014) **M21a**
DOI: 10.1103/PhysRevA.89.042332
URL: <https://journals.aps.org/pr/abstract/10.1103/PhysRevA.89.042332>

Радови у врхунским међународним часописима [M21]:

Радови у истакнутим међународним часописима [M22]:

- *Lj. Stevanović, N. Filipović, V. Pavlović, *Effect of magnetic field on absorption coefficients, refractive index changes and group index of spherical quantum dot with hydrogenic impurity*, Optical Materials **91**, 62–69 (2019)
DOI: 10.1016/j.optmat.2019.02.049 **M22**
URL: <https://www.sciencedirect.com/science/article/pii/S0925346719301570>
- *N. Filipović, Lj. Stevanović, V. Pavlović, *Light storage and retrieval in spherical semiconductor quantum dots with on-center hydrogen impurity in magnetic field*, Superlattices and Microstructures **147**, 106691:1–16 (2020)
DOI: 10.1016/j.spmi.2020.106691 **M22**
URL: <https://www.sciencedirect.com/science/article/abs/pii/S0749603620312404>
- *Lj. Stevanović, N. Filipović, V. Pavlović, *Slow light pulse propagation through spherical quantum dot with on-center hydrogen impurity in magnetic field*, Physica E: Low-dimensional Systems and Nanostructures **118**, 113883:1–10 (2020)
DOI: 10.1016/j.physe.2019.113883 **M22**
URL: <https://www.sciencedirect.com/science/article/abs/pii/S1386947719300918>
- *Lj. Stevanović, N. Filipović, V. Pavlović, J. Zimmermann, *Theoretical investigation of the transient regime of electromagnetically induced transparency in spherical quantum dot with on-center hydrogen impurity*, Optical and Quantum Electronics **52**, 172:1–10 (2020)
DOI: 10.1007/s11082-020-02281-0 **M22**

URL: <https://link.springer.com/article/10.1007/s11082-020-02281-0>

- *V. Pavlović, M. Šušnjar, K. Petrović, L. Stevanović, *Electromagnetically induced transparency in a multilayered spherical quantum dot with hydrogenic impurity*, *Optical Materials*, **78**, 191-200 (2018).
DOI: 10.1016/j.optmat.2018.01.043 **M22**
URL: <https://www.sciencedirect.com/science/article/pii/S0925346718300430>
- V. Pavlović, Lj. Stevanović, *Group velocity of light in a three level ladder-type spherical quantum dot with hydrogenic impurity*, *Superlattices and Microstructures* **100**, 500-507 (2016)
DOI: 10.1016/j.spmi.2016.10.002 **M22**
URL: <https://www.sciencedirect.com/science/article/abs/pii/S0749603616308448>
- V. Pavlović, Lj. Stvanović, *Electromagnetically induced transparency in a spherical quantum dot with hydrogenic impurity in the external magnetic field*, *Superlattices and Microstructures*, **92**, 10-23 (2016)
DOI: 10.1016/j.spmi.2016.02.003 **M22**
URL: <https://www.sciencedirect.com/science/article/pii/S0749603616300465>
- Lj. Stevanović, N. Filipović, V. Pavlović, *Optical properties of spherical quantum dot with on-center hydrogen impurity in magnetic field*, *Optical and Quantum Electronics* **48**, 231:1–7 (2016)
DOI: 10.1007/s11082-016-0502-5 **M22**
URL: <https://link.springer.com/article/10.1007/s11082-016-0502-5>

Радови у међународним часописима [M23]:

- *Lj. Stevanović, N. Filipović, V. Pavlović, *Electromagnetically induced transparency in degenerate ladder-type system*, *Optical and Quantum Electronics* **50**, 287:1–12 (2018)
DOI: 10.1007/s11082-018-1554-5 **M23**
URL: <https://link.springer.com/article/10.1007/s11082-018-1554-5>
- V. Pavlović, *Electromagnetically induced transparency in a spherical quantum dot with hydrogenic impurity in a four level ladder configuration*, *Optik* **127**, 6351–6357 (2016)
DOI: 10.1016/j.ijleo.2016.04.071 **M23**
URL: <https://www.sciencedirect.com/science/article/abs/pii/S0030402616303461>