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|  |  | Lesia  Chepela |
| Contacts +38.063.457.79.27  lesia.chepela97@gmail.com **WEBSITE** <https://www.researchgate.net/profile/L-Chepela>  https://orcid.org/0000-0003-2690-9207 H-index (Google Scholar, SCOPUS) **1** Publication summary **2** articles in international journals;  **1** articles in national (Ukrainian) journals;  **2** abstracts in conferences. languages  |  |  | | --- | --- | | Ukrainian | ●●●●● | | Russian | ●●●●● | | English | ●●●●○ | |  | EDUCATIONPhD degree, physics and astronomy 2020–present  Taras Shevchenko National University of Kyiv, Kyiv (Ukraine). Master's degree, physics of nanosystems 2018–2020  Taras Shevchenko National University of Kyiv, Kyiv (Ukraine).  Honors Diploma. The total mark is 93,8/100  **Bachelor's degree, physical material**  2014–2018  Taras Shevchenko National University of Kyiv, Kyiv (Ukraine).  Honors Diploma. The total mark is 84,3/100  **Internship**  2019  Ecole Centre de Lyon, F LYON11, ERASMUS +, France  2023  Université de Lorraine, F Nancy 43, ERASMUS +, France WORK EXPERIENCEPhysics of Laboratory 09.2018–12.2018  Taras Shevchenko National University of Kyiv, Faculty of Physics (Kyiv, Ukraine)  07.2019–12.2019  Taras Shevchenko National University of Kyiv, [Faculty](http://www.univ.kiev.ua/en/departments/physics/) of Physics (Kyiv, Ukraine) **SKILLS** **Instrumentation**  Photothermal and photoacoustic techniques, Raman-Spectroscopy, electrochemical etching.  **Software**  MS Office, Origin, COMSOL. |

## Articles in peer reviewed international journals

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| 2019 | Dubyk, K.; Chepela, L.; Lishchuk, P.; Belarouci, A.; Lacroix, D.; Isaiev, M. Features of photothermal transformation in porous silicon based multilayered structures. [Applied Physics Letters](https://www.scopus.com/authid/detail.uri?authorId=57209801121#disabled), 2019, 115(2), 021902 |
| 2023 | [Lishchuk](https://www.nature.com/articles/s41598-023-32834-8#auth-Pavlo-Lishchuk) P.;  [Vashchuk](https://www.nature.com/articles/s41598-023-32834-8#auth-Alina-Vashchuk) A.;  [Rogalsky](https://www.nature.com/articles/s41598-023-32834-8#auth-Sergiy-Rogalsky) S.;  [Chepela](https://www.nature.com/articles/s41598-023-32834-8#auth-Lesia-Chepela) L.; [Borovyi](https://www.nature.com/articles/s41598-023-32834-8#auth-Mykola-Borovyi) M.; [Lacroix](https://www.nature.com/articles/s41598-023-32834-8#auth-David-Lacroix) D.;  [Isaiev](https://www.nature.com/articles/s41598-023-32834-8#auth-Mykola-Isaiev) M. Thermal transport properties of porous silicon filled by ionic liquid nanocomposite system [Scientific Reports](https://www.nature.com/srep)  2023, 13, 5889 |

## Articles in peer reviewed Ukrainian journals

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| 2020 | Dubyk, K.; Chepela, L.; Alekseev, S.; Kuzmich, A.; Zousman, B.; Levinson, O.; Rozhin, A.; Geloen, A.; Isaiev, M.; Lysenko, V. Some types of carbon-based nanomaterials as contrast agents for photoacoustic tomography, [Journal of Nano- and Electronic Physics](https://www.scopus.com/authid/detail.uri?authorId=57209801121#disabled), 2020, 12(4), 04033 |

## Articles and proceedings of international and Ukrainian conferences

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| 2022 | **Chepela L.,** Lishchuk P., Shevchenko V., Kuryliuk V., Polishchuk E., Kuzmich A., Teselko P., Matushko I., Borovyi M. Fabrication and Photoacoustic Characterization of Multilayered Structures Based on Porous Silicon. (accepted for oral presentation) **2022 IEEE 41st International Conference on Electronics and Nanotechnology (ELNANO), October 10 – 14, 2022 in Kyiv, Ukraine** |
| 2022 | Lishchuk P., **Chepela L.,** Polishchuk E., Shevchenko V., Kuryliuk V., Borovyi M., Lacroix D., Isaiev M. Investigation of Thermal Transport Properties of Multilayer Porous Silicon Based Hybrid Nano-structures by Photo-acoustic Technique. 2022 IEEE 12th International Conference “Nanomaterials: Applications & Properties” (IEEE NAP-2022), Sept. 11-16, 2022, Krakow, Poland |
| 2018 | **Chepela L.I**., Isaiev M.V, Lishchuk P.O. Features of photothermal transformation in multilayer systems based on porous silicon // Book of abstracts. Young Scientist conferenc "The Science of the 21st Century: Modern Problems of Physics" - Taras Shevchenko National University of Kyiv, May 15-17, 2018. |