

Дані про цитування циклу наукових праць
 „Низьковимірні напівпровідникові металооксиди для газової сенсорики ”
 (к. ф. -м. н. Бовгира Р.В., к. ф.-м. н. Савка С.С., к.ф.-м. н. Венгрин Ю.І.)

Профіль Web of Science: Rostyslav Bovhyra, Web of Science ResearcherID: AAG-1019-2020

Профіль Scopus: Bovhyra, Rostyslav V., Author ID: 57193109325

Профіль Google Scholar: Бовгира Ростислав

<https://scholar.google.com/citations?hl=uk&user=Vrry9aQAAAAJ>

Профіль Web of Science: Savka, S. S.

Профіль Scopus:

Профіль Google Scholar: Stepan Savka (Степан Савка)

<https://scholar.google.com/citations?hl=uk&user=TQW6PO8AAAAJ>

Профіль Web of Science: Venhryn, Yuriy, Web of Science ResearcherID AAQ-5781-2020

Профіль Scopus

Профіль Google Scholar: Yuriy Venhryn

<https://scholar.google.com/citations?hl=uk&user=JU922h8AAAAJ>

№ п.п.	Назва статті (монографії), автори, назва видання, рік, том, сторінка або DOI	Кількість посилань згідно бази даних		
		Web of Science	Scopus	Google Scholar
1	Nanopowder Metal Oxide for Photoluminescent Gas Sensing By: Zhyrovetsky, V.M.; Popovych, D.I.; Savka, S.S. ; Serednytski, A.S. Nanoscale Research Letters Volume 12. Issue 1. Article number: 132. Published: DEC 01 2017.	25	27	28
2	Ab Initio Study of Structural and Electronic Properties of (ZnO) _n “Magical” Nanoclusters n = (34, 60) By: Bovhyra, R.V. ; Popovych, D.I.; Bovgyra, O.V.; Serednytski, A.S. Nanoscale Research Letters Volume 12. Issue 1. Article number: 76. Published: DEC 01 2017.	16	15	18
3	The Density Functional Theory Study of Electronical Properties of (ZnO) ₁₂ Clusters During Gas Adsorption By: Bovgyra, O.V.; Bovhyra, R.V. ; Popovych, D.I.; Serednytski, A.S. Journal of Nano- and Electronic Physics	14	14	19

	Volume 7. Issue 4. Article number: 04090. Published: DEC 24 2015.			
4	The Density Functional Theory Study of Structural and Electrical Properties of ZnO Clusters By: Bovgyra, O.V.; Bovgyra, R.V. ; Kovalenko, M.V.; Popovych, D.I.; Serednytski, A.S. Journal of Nano- and Electronic Physics Volume 5. Issue 1. Article Number: 01027. Published: MAR 28 2013.	11	12	17
5	The Influence of Surface Doping on Adsorption Ability of Nanopowder Metal Oxides for Gas Sensors By: Bobitski, Ya.V.; Bovhyra, R.V. ; Popovych, D.I.; Savka, S.S. ; Serednytski, A.S.; Shevchuk, V.N.; Venhryn, Yu.I. Journal of Nano- and Electronic Physics Volume 9. Issue 5. Article number: 05008. Published: OCT 16 2017.	9	10	8
6	Molecular Dynamics Simulations of the Formation Processes of Zinc Oxide Nanoclusters in Oxygen Environment By: Savka, S.S. ; Popovych, D.I.; Serednytski, A.S. Nanophysics, Nanomaterials, Interface Studies, and Applications. NANO 2016. Springer Proceedings in Physics. Volume 195. Pages: 147-156. Published: SEPT 05 2017.	8	12	11
7	Photoluminescent properties of complex metal oxide nanopowders for gas sensing By: Bovhyra, R.V. ; Mudry, S.I.; Popovych, D.I.; Savka, S.S. ; Serednytski, A.S.; Venhryn, Yu.I. Applied Nanoscience Volume 9. Issue 5. Pages: 775-780. Published: MAR 01 2018.	6	6	9
8	Effect of in, Ga and Al heavy doping on electronic structure of ZnO: First principle calculation By: Bovgyra, O.; Kovalenko, M.; Bovhyra, R. ; Dzikovsky V. Journal of Physical Studies Volume 23. Issue 4. Article number: 4301. Published: JUL 17 2019.	5	8	7
9	Obtaining, structure and gas sensor properties of nanopowder metal oxides By: Venhryn, Yu.I. ; Savka, S.S. ; Bovhyra,	5	6	6

	R.V. ; Zhyrovetsky, V.M.; Serednytski, A.S.; Popovych, D.I. Materials Today: Proceedings. Volume 35. Pages: 588-594. Published: NOV 28 2019.			
10	First principle study of native point defects in (ZnO) _n nanoclusters (n = 34, 60) By: Bovhyra, R. ; Popovych, D.; Bovgyra, O.; Serednytsky, A. Applied Nanoscience Volume 9. Issue 1. Pages: 1067-1074. Published: MAR 12 2018.	3	4	2
11	Study of native point defects in (ZnO) _n (n = 34, 60) nanoclusters By: Bovhyra, R.V. ; Popovych, D.I.; Bovgyra, O.V.; Serednytski, A.S. Journal of Physical Studies Volume 23. Issue 2. Article number: 2702. Published: FEB 02 2019.	3	3	5
12	Peculiarities of photoluminescence in gas ambient of doped ZnO nanopowders By: Lazoryk, I.V.; Popovych, I.D.; Venhryn, Yu.I. ; Savka, S.S. ; Bovhyra, R.V. ; Serednytski, A.S.; Mudry S.I. Applied Nnnoscience Volume 10. Issue 12. Pages: 5003-5008. Published: MAY 08 2020.	2	2	3
13	A DFT study for adsorption of CO and H ₂ on Pt-doped ZnO nanocluster By: Kovalenko, M.; Bovgyra, O.; Dzikovskyi, V.; Bovhyra, R. SN Applied Sciences Volume 2. Issue 5. Article number: 790. Published: APR 01 2020.	2	3	3
14	Molecular dynamics investigation of the formation processes of zn-zno core-shell nanostructures By: Savka, S. S. ; Venhryn, Yu. I. ; Serednytski, A. S.; Popovych, D. I. Journal of Physical Studies Volume 23 Volume 23. Issue 2. Article number: 2602. Published: FEB 05 2019.	1	1	1
15	Molecular dynamics simulation of adsorption processes on the surface of ZnO nanoclusters By: Savka, S. ; Venhryn, Y. ; Serednytski, A.; Popovych, D. Applied Nanoscience Published: FEB 05 2021.	1	1	1
16	Photoluminescence in gas of (Ca) Mg-doped ZnO nanopowders By: Venhryn, Yu.I. ; Pawluk, V.S.; Serednytski,	1	1	1

	A.S.; Popovych, D.I. Applied Nanoscience Published: MAY 21 2021.			
17	Development and Creating of Gas-Sensor System Based on Low Dimensional Metal Oxides By: Bovhyra, R.V. ; Zhyrovetsky, V.M.; Popovych, D.I.; Savka, S.S. ; Serednytsky, A.S. Science and Innovation Volume 12. Issue 6. Pages: 57-62. Published: 2016.	-	1	6
18	Molecular dynamics simulations of the formation processes and luminescence properties of Zn-ZnO core-shell nanostructures By: Savka, S.S. ; Venhryn, Yu.I. ; Serednytski, A.S.; Popovych, D.I. Journal of Nano- and Electronic Physics Volume 10. Issue 3. Article number: 03008. Published: JUN 25 2018.	-	1	2
19	Electronic structure of nanoporous zinc oxide By: Kovalenko, M.V.; Bovgyra, O.V.; Dzikovskyi, V.Ye.; Bovhyra, R.V. Nanosistemi, Nanomateriali, Nanotehnologii Volume 18. Issue 3. Pages: 727-741. Published: 2020.	-	1	0
20	First principle study of electronic properties of ZnO nanoclusters with native point defects during gas adsorption By: Bovhyra, R. ; Venhryn, Yu. ; Serednytski, A.; Bovgyra, O.; Popovych, D. Applied Nanoscience Published: MAR 05 2021.	0	0	0
21	Electronic structure of doped ZnO nanotubes By: Bovgyra, O.; Kovalenko, M.; Bovhyra, R. Uzhhorod University Scientific Herald. Series Physics. Issue 35. Published: 2013	-	-	0
Загальна кількість цитувань		112	128	147
h-індекс колективу		6	7	7

24 лютого 2022 р.

Бовгира Р.В.

Савка С.С.

Венгрин Ю.І.