

[Back](#)

Methodology for Assessing the Influence of Geometric Parameters of Open Resonators on the Metrological Characteristics of Energy Losses

0 Citations

International Scientific Symposium Metrology and Metrology Assurance, MMA • Conference Paper • 2025 •

DOI: 10.1109/MMA67107.2025.11311238

Kundenko, Mykola ; Blagov, Ivaylo ; Rybalka, Antonina ; Mardziavko, Vitalii ; Rudenko, Andrii
















National Technical University, "Kharkiv Polytechnic Institute, Kharkiv, Ukraine


[Show all information](#)

Full text Export Save to list

Document Impact Cited by (0) **References (18)** Similar documentsYou can view, sort, and filter all of the References in [search results format](#). All Export

- Article
- Mode excitation in the microstrip slot-coupled three-layer hemispherical dielectric resonator antenna** **9** Citations
- 1 [Ghosh B., Kakade A.B.](#)
[Iet Microwaves Antennas and Propagation](#), 2016
DOI: 10.1049/iet-map.2015.0727
[Show abstract](#) [Full text](#)
-
- Article
- An open resonator in the microwave region: Experimental results** **4** Citations
- 2 [Di Massa G.D., Masullo M.R.](#)
[Microwave and Optical Technology Letters](#), 1995
DOI: 10.1002/mop.4650100417
[Show abstract](#) [Full text](#)
-
- Article • Open access
- Summation of Powers in Open Resonator with Slotted Coupling Elements** **6** Citations
- 3 [Kuzmichov I.K., Muzychishin B.I., Popkov A.Y.](#)
[Advanced Electromagnetics](#), 2021
DOI: 10.7716/oem.v10i3.1721
[Show abstract](#) [Full text](#)
-
- Conference Paper
- Method for Evaluating the Stability of Arc Burning of Electrodes with Rutile-Cellulosic Covering** **1** Citations
- 4 [Kostin O., Yaros O., Yaros V.,... Martynenko V.O., Boiko I.](#)
DOI: 10.1109/MEES58014.2022.10005682
[Show abstract](#) [Full text](#)
-
- Article
- Dual mode dielectric resonator filter with a new source coupling slot approach** **3** Citations
- 5 [Ekici S., Yazgan E.](#)
[Microwave and Optical Technology Letters](#), 2022
DOI: 10.1002/mop.33356
[Show abstract](#) [Full text](#)
-
- Article
- Couplings of asynchronously tuned coupled microwave resonators** **103** Citations
- 6 [Hong J.](#)
[IEEE Proceedings Microwaves Antennas and Propagation](#), 2000
DOI: 10.1049/ip-map:20000675
[Show abstract](#) [Full text](#)
-
- Conference Paper
- Development of a Model of Cell Functioning to Measure the Interaction of Low-Energy EMF** **4** Citations
- 7 [Kundenko M., Chaly I., Vakhanina L.V.,... Rudenko A.Y., Mardziavko V.A.](#)
DOI: 10.1109/MMA5579.2022.9993093
[Show abstract](#) [Full text](#)
-
- Conference Paper
- Research on the Method of Improving Fuel Quality for Heat Generators** **1** Citations
- 8 [Kundenko M., Rudenko A.Y., Mardziavko V.A.](#)
DOI: 10.1109/MEES61502.2023.10402419
[Show abstract](#) [Full text](#)
-
- L. Rosenbloom, "arXiv", Charlest. Advis., vol. 21, no. 2, pp. 8–10, Oct. 2019. Accessed: 26 May 2025. [Online]. Available: <https://doi.org/10.5260/chara.21.2.8>** **6** Citations
- 9
-
- Prior knowledge based neural modeling of microstrip coupled resonator filters** **1** Citations
- 10 [Marinkovic Z., Mitic M., Milosevic B., Nedelchev M.](#)
[Show abstract](#) [Full text](#)
-
- Article • Open access
- Analysis of Open Grating-Based Fabry–Pérot Resonance Structures With Potential Applications for Ultrasensitive Refractive Index Sensing** **15** Citations
- 11 [Sasivimolkul S., Pechprasom S., Somekh M.G.](#)
[IEEE Sensors Journal](#), 2021
DOI: 10.1109/JSEN.2021.3063136
[Show abstract](#) [Full text](#)
-
- Article
- Performance analysis of an open-loop resonator loaded terahertz microstrip antenna** **8** Citations
- 12 [Jha K.R., Singh G.K.](#)
[Microelectronics Journal](#), 2011
DOI: 10.1016/j.mejo.2011.04.013
[Show abstract](#) [Full text](#)
-
- Article
- Effect of a small curvature of the surfaces on microscale lubrication of a gas for large Knudsen numbers** **5** Citations
- 13 [Dai T.](#)

-
- Article
- Babinet principle and diffraction losses in laser resonators** **14**
Citations
- 14 [Kubarev V.V.](#)
[Quantum Electronics](#), 2000
DOI: 10.1070/QE2000v03n09ABEH001817 
[Show abstract](#)  [Full text](#) 
-
- Article
- Theory of loss measurements of Fabry–Perot resonators by Fourier analysis of the transmission spectra** **63**
Citations
- 15 [Hofstetter D., Thornton R.L.](#)
[Optics Letters](#), 1997
DOI: 10.1364/OL.22.001831 
[Show abstract](#)  [Full text](#) 
-
- Article
- Modeling the optical field in a laser cavity cavity by the eigenvector method** **19**
Citations
- 16 [Jiang C., Li B., Cheng Y., Wang Y.](#)
[Optics and Laser Technology](#), 2007
DOI: 10.1016/j.optlastec.2005.11.005 
[Show abstract](#)  [Full text](#) 
-
- Conference Paper
- Diffraction radiation oscillator with the asymmetric open resonant system** **2**
Citations
- 17 [Myroshnychenko V.S., Kavalayov F.O.](#)
DOI: 10.1109/MSMW.2016.7538042 
[Show abstract](#)  [Full text](#) 
-
- Article - Open access
- Design and optimization of THz coupling in zirconia MAS rotors for dynamic nuclear polarization NMR** **7**
Citations
- 18 [Li G., Dastrup B.S., Palani R.S., ... Nelson K.A., Temkin B.J.](#)
[Journal of Magnetic Resonance](#), 2024
DOI: 10.1016/j.jmr.2024.107722 
[Show abstract](#)  [Full text](#) 

Display [200 results](#) 

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語版を表示する](#)
[查看简体中文版本](#)
[查看繁體中文版本](#)
[Просмотр версии на русском языке](#)

Customer Service

[Help](#)
[Tutorials](#)
[Contact us](#)