

1.3. ЦИТИРАНИЯ НА НАУЧНИ ТРУДОВЕ (БЕЗ АВТОЦИТАТИ) В НАУЧНИ ПУБЛИКАЦИИ И В ПАТЕНТИ ЗА ИЗОБРЕТЕНИЯ У НАС И В ЧУЖБИНА.

Забелязаните цитирания (*без автоцитати*) на трудове на проф. дн инж. Иван Кралов са общо 65 броя, от които 40 са в чужбина и 25 в България. Цитиранията са представени като отначало е дадена цитираната работа с удебелен шрифт, а след нея – списък на трудове, в които тя е цитирана.

Забелязаните цитирания, направени през последните 5 години, са 39, от които 34 в чужбина и 5 в България.

Цитиранията в Scopus за **Kralov, I.** са 44, h-index: 4 – 1 3 Прил. 1

Цитиранията в Web of Science за **Kralov, I.** са 11, h-index: 3 – 1 3 Прил. 2

Най-много цитирана е публикация [C.12], която има 8 цитирания, а само в SCOPUS най-много цитирания имат публикации [C19] и [C20] – по 6 цитирания.

ОБЩО ЦИТИРАНИЯ В ЧУЖБИНА

[C1]. Синтез на масовите и инерционните параметри на допълнителна маса с цел максимално изменение на определени собствени честоти на тънкостенни плочи, Цитирания:

1.2. Slavchev, S., V. Stoilov, S. Purgic. Static strength analysis of the body of a wagon, series Zans. // Journal of the Balkan Tribological Association, 21, 2015, № 1, p. 49-57 ([WoS](#))

[C3]. Friction induced vibrations of a railway wheel considering different damping in the system, Цитирания: ([Scopus](#))

3.1. Cao, S., Cai, L., Min, G., Li, Q., Meng, D., Dynamic load analysis when aircrafts pass pavement faulting considering tire transformation character, Journal of the Balkan Tribological Association, 22(4-IV), pp. 5093-5109, 2016 ([Scopus](#))

3.2. Huang, Q., Chen, S., Huang, M., Guo, Z., Hybrid adaptive active vibration control for tall building using tuned mass damper, Journal of the Balkan Tribological Association, 22(4-III), pp. 4765-4775, 2016 ([Scopus](#))

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[C4]. Mass and Elasticity Synthesis of the Support of a Generator for Vibration Energy Harvesting, Цитирания:

4.1. Genov, J., Multi-Criteria Synthesis of Frequency-Modulated Discrete Control of Semi-Active Vehicle Suspension - Part 1 Analysis and Control Strategies, IOP Conf. Ser.: Mater. Sci. Eng. 618 012066, 2019, doi:10.1088/1757-899X/618/1/012066 ([Scopus](#))

[C6]. Влияние на размерите на реброто върху собствените честоти на тънки мембрани, Цитирания:

6.1. Slavchev, S., V. Stoilov, S. Purgic. Static strength analysis of the body of a wagon, series Zans. // Journal of the Balkan Tribological Association, 21, 2015, № 1, p. 49-57 ([WoS](#))

[C7]. Ръководство за лабораторни упражнения по трептения в транспортната техника, Цитирания:

7.1. Nikolov, Nikolay, Petko Sinapov. Determination of the internal resistance of a hammer drill chisel. // Journal of Theoretical and Applied Mechanics, 56, 2018, № 1, p. 169-178. [\(Scopus\)](#) [\(WoS\)](#)

[C8]. Investigation of Dynamic Loading in a Cylindrical Gearbox, Цитирания:

8.1. M. Todorov, G. Vukov, Modal properties of drive train in horizontal axis wind turbine, The Romanian Review Precision Mechanics, Optics & Mechatronics, 2011, No. 40, pp. 267-275, 2011, ISSN 1584-5982. [\(Scopus\)](#)

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11.1. Ignatov, I., Numerical study of friction induced vibrations of a rail, Recent Advances in Continuum Mechanics, Hydrology and Ecology, Proceedings, pp. 76-79, Rhodes, Greece, ISBN: 978-960-474-313-1, 2013.

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12.1. D.Nikolov; R.Rusev; G.Angelov; M.Spasova, Energy Harvesting System Model Based on Reverse Electrowetting, 2019 MIXDES - 26th International Conference "Mixed Design of Integrated Circuits and Systems", DOI: 10.23919/MIXDES.2019.8787147 [\(WoS\)](#) [\(Scopus\)](#)

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[C15]. Non-stationary friction-induced vibrations of a railway rail, Цитирания:

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20.5. T. Todorov; G. Todorov; B. Romanov, Design and Simulation of Mould Tools with Multi-Material Structure for Plastic Injection Moulding Based on Additive Technology, 2019 International Conference on Creative Business for Smart and Sustainable Growth (CREBUS), DOI: 10.1109/CREBUS.2019.8840061 (Scopus)

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[C21]. BEM Theory Adaptation Taking into Account the Wind Speed Vertical Gradient for Wind Turbines of High Class. Part 2. Numerical Analysis of the Aerodynamic Interaction, Цитирания:

21.1. K. Kamberov, B. Zlatev, T. Todorov, Design Development of a Car Fan Shroud Based on Virtual Prototypes, Kamberov K., Zlatev B., Todorov T. (2019) Design Development of a Car Fan Shroud Based on Virtual Prototypes. In: Poulkov V. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2019. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 283. Springer, Cham; DOI https://doi.org/10.1007/978-3-030-23976-3_27 (WoS) (Scopus)

[C22]. Acoustic Method for Identification of Railway Wheel Disk Structural Vibrations Using Comsol, Цитирания:

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23.1. E. E. Gieva, I. N. Ruskova, Models in COMSOL of Attenuation of Sonic Crystal Noise Barrier depend on Different Form, XXIX International Scientific Conference Electronics (ET), Vol. 00, 2020, <https://doi.org/10.1109/et50336.2020.9238232> [\(Scopus\)](#)

[C24]. Analyses of Energy Harvesting Methods and Devices for Use in Transport Noise Harvesting, Цитирания:

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25.1. Kandeva, M., Rozhdestvensky, Y.V., Svoboda, P., Kalitchin, Z., Zadorozhnaya, E., Influence of the size of silicon carbide nanoparticles on the abrasive wear of electroless nickel coatings. Part 1, Journal of Environmental Protection and Ecology, 20(4), pp. 1889-1903, 2019 [\(WoS\)](#) [\(Scopus\)](#)

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[C26]. Modified bem theory application for determining the aerodynamic forces acting on the blade of wind turbine, Цитирания:

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ОБЩО ЦИТИРАНИЯ В БЪЛГАРИЯ:

[C1]. Синтез на масовите и инерционните параметри на допълнителна маса с цел максимално изменение на определени собствени честоти на тънкостенни плочи, Цитирания:

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[C3]. Friction induced vibrations of a railway wheel considering different damping in the system, Цитирания: ([Scopus](#))

3.5. Славчев, Светослав. Анализ на собствените честоти на коша на специализиран вагон за превоз на контейнери и полуремаркета серия Sdggmrss. – В: БулТранс'2015: Научна конференция с международно участие по авиационна, автомобилна и железопътна техника и технологии, Созопол, 16-18 септ. 2015. София, 2015, с. 180-183. ISSN: 1313-955X.

[C4]. Mass and Elasticity Synthesis of the Support of a Generator for Vibration Energy Harvesting, Цитирания:

4.1. Genov, J., Multi-Criteria Synthesis of Frequency-Modulated Discrete Control of Semi-Active Vehicle Suspension - Part 1 Analysis and Control Strategies, IOP Conf. Ser.: Mater. Sci. Eng. 618 012066, 2019, doi:10.1088/1757-899X/618/1/012066 ([Scopus](#))

[C5]. Шум в транспортната техника, Цитирания:

5.1. В. Михайлов, З. Иванов, Фактор на излъчване на шум на автомобилен дизелов двигател, Научни трудове на Русенския университет, том 54, серия 4, 2015.

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9.1. Peykova, Maria, Snezhanka Georgieva. Synergy control in case of assembling. – В: БулТранс'2011: Научна конференция с международно участие по авиационна, автомобилна и железопътна техника и технологии, Созопол, 27-30 септ. 2011. София, 2011, с. 254-257. ISSN: 1313-955X.

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[C15]. Non-stationary friction-induced vibrations of a railway rail, Цитирания:

15.5. Славчев, Светослав. Анализ на собствените честоти на коша на специализиран вагон за превоз на контейнери и полуремаркета серия Sdggmrss. – В: БулТранс'2015: Научна конференция с международно участие по авиационна, автомобилна и железопътна техника и технологии, Созопол, 16-18 септ. 2015. София, 2015, с. 180-183. ISSN: 1313-955X.

ЦИТИРАНИЯ В ЧУЖБИНА ПРЕЗ ПОСЛЕДНИТЕ 5 ГОДИНИ (ОТ 2016 Г.)

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14.06.2021 г.
гр. София

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