

**Публикации авторов КАТУ в издании с наибольшим индексом цитирования
в базе данных Scopus за 2022 г.**

№ п/п	Article title	Source title	Percentile: 65	KATU Authors	CiteScore 2021:	Citations
1.	Slow pyrolysis of flax straw biomass produced in Kazakhstan: Characterization of enhanced tar and high-quality biochar	FuelТом 32415 September 2022 Номер статьи 124676	95	Mukhambet, Yerkebulan. Shah, Dhawal. Tatkeyeva, Galina. Sarbassov, Yerbol	11.2	4
2.	Insight into crosslinked chitosan/soy protein isolate /PVA plastics by revealing its structure, physicochemical properties, and biodegradability	Industrial Crops and ProductsТом 1871 November 2022 Номер статьи 115548	95	Liang, W., Liu, X., Zheng, J. Zhao, Wenqing. Su, Chunyan. Ge, Xiangzhen. Shen, Huishan. Zhang, Xiuyun. Lu, Yifan. Muratkhan, Marat. Ospankulova, Gulnazym. Li, Wenhao.	9.6	2
3.	Assessment of Regional and Sectoral Parameters of Energy Supply in the Context of Effective Implementation of Kazakhstan's Energy Policy	Energies Том 15, Выпуск 5 March-1 2022 Номер статьи 1777	85	Niyazbekova, S., Yessymkhanova, Z., Kerimkhulle, S. Brovkina, Natalya. Annenskaya, Nataliya. Semenov, Alexander. Burkaltseva, Diana. Nurpeisova, Ardak. Maisigova, Leila. Varzin, Vasiliy.	5.0	1
4.	First Record of Alternaria alternata Causing Necrosis of Thuja (Thuja occidentalis) in Kazakhstan	Plant Disease Том 106, Выпуск 11, Страницы 2987 November 2022	75	Smagulova, A., Uakhit, R., Kiyon, V.	4.0	1

5.	Mathematical description of the method for ungrounded AC systems to determine the network insulation	IET Generation, Transmission and Distribution Том 16, Выпуск 11, Страницы 2223 - 2227 June 2022	83	Kurabayev, I., Suvorov, I., Utegulov, A. Tatkeyeva, Galina	6.8	1
6.	Mapping the risks of the spread of peste des petits ruminants in the Republic of Kazakhstan	Transboundary and Emerging Diseases Том 69, Выпуск 4, Страницы 2296 - 2305 July 2022	98	Abdrakhmanov , S.K., Mukhanbetkaliyev, Y.Y., Sultanov, A.A. Yessembekova, Gulzhan N. Borovikov, Sergey N. Namet, Aidar. Abishov, Abdykalyk A. Perez, Andres M.Korennoy, Fedor I.	8.6	1
7.	Lutein encapsulated in whey protein and citric acid potato starch ester: Construction and characterization of microcapsules	International Journal of Biological Macromolecules Том 220, Страницы 1 - 121 November 2022	90	Zhao, W., Zhang, B., Liang, W. Liu, Xinyue.Zheng, Jiayu. Ge, Xiangzhen. Shen, Huishan.Lu, Yifan.Zhang, Xiuyun.Sun, Zhuangzhuang. Ospankulova, Gulnazym. Li, Wenhao.	11.6	1
8.	Flax Varieties Experimental Report in Kazakhstan in 2019	Journal of Natural Fibers Том 19, Выпуск 6, Страницы 2356 – 2365 2022	77	Sheng, Q.C., Stybayev, G., Fu, W.Y. Begalina, Almagul. Hua, Long Song. Baitelenova, Aliya. Yuan, Guo. Arystangulov, Sembek. Hua, Kang Qing. Kipshakpayeva,	5.6	1

				Gulden. Lin, Zhao Xin. Tussipkan, Dilnur		
9.	Electron beam irradiation regulates the structure and functionality of ball-milled corn starch: The related mechanism	Carbohydrate Polymers Том 2971 December 2022 Номер статьи 120016	98	Shen, H., Yu, J., Bai, J. Ge, Xiangzhen. Liang, Wei. Ospankulova, Gulnazym. Muratkhan, Marat. Zhang, Guoquan. Li, Wenhao.	16.0	0
10.	The evolution of word formation series in the French language	Xlinguae Том 15, Выпуск 4, Страницы 196 - 205 2022	92	Sultanova, S., Volkova, L., Toxanbaeva, T. Nygmetova, Bibigul; Moldashева, Liza	2.5	0
11.	Development of corporate investment funds as a tool to achieve the goals of international treaties in the field of climate change	International Environmental Agreements: Politics, Law and Economics Том 22, Выпуск 1, Страницы 119 - 138 March 2022	95	Bauer, M., Bulatenko, M., Shimshirt, N.	4.8	0
12.	The Confessional Dimension of the Resettlement Policy of the Autocracy in the Kazakh Region at the beginning of the 20th century: the Fight against Sectarian Proselytism	Bylye Gody Том 17, Выпуск 2, Страницы 975 - 985 June 2022	89	Alpyspaeva, G.A., Sametova, G., Jumaliyeva, L.T.	1.1	0
13.	Evaluating development prospects of smart cities: Cluster analysis of Kazakhstan's regions	Problems and Perspectives in Management Том 20, Выпуск 4, Страницы 76 - 87 2022	82	Digel, I., Mussabalina, D., Urdabayev, M. Nurmukhametov, Nurbakhyt. Akparova, Aigul.	2.2	0

14.	Relationship between the state of the country's logistics and perishable goods' output: dairy industry	TQM Journal 2022	83	Bauer, M., Mukhametov, A., Trifonov, P.	4.9	0
15.	Determination of Cyber Security Issues and Awareness Training for University Students	<u>International Journal of Emerging Technologies in Learning</u> Том 17, Выпуск 18, Страницы 177 – 190 2022	83	Khamzina, B., Roza, N., Zhussupbekova, G. Shaizhanova, Karlygash. Aten, Aiganym. Meirkhanovna, Baikulova Aigerim.	3.8	0
16.	Retraction Note: Development of corporate investment funds as a tool to achieve the goals of international treaties in the field of climate change	International Environmental Agreements: Politics, Law and Economics 2022	95	Bauer, M., Bulatenko, M., Shimshirt, N.	4.8	0
17.	The exogenous GA3 greatly affected the grain-filling process of semi-dwarf gene Rht4 in bread wheat	Physiologia Plantarum Том 174, Выпуск 3May/June 2022 Номер статьи e13725	91	Lu, Q., Lu, S., Wang, M. Cui, Chunge. Condon, Anthony G. Jatayev, Satyvaldy. Chen, Liang. Hu, Yin-Gang.	7.1	0
18.	Lipid oxidation in fragrant rapeseed oil: Impact of seed roasting on the generation of key volatile compounds	Food Chemistry: X Том 1630 December 2022 Номер статьи 100491	78	Zhang, L., Chen, J., Zhang, J. Sagymbek, Altayuly. Li, Qi. Gao, Yuan. Du, Shuangku. Yu, Xiuzhu	5.4	0
19.	Nudging student recycling behaviour: An experimental study in Kazakhstan and UK higher education	Journal of Cleaner Production Том 3771 December 2022 Номер статьи 134164	98	Lakshmi, G., Nguyen, K., Mazhikeyev, A. Hack-Polay, Dieu. Anafiyayeva, Zhibek.	15.8	0
20.	Analysis of Effects of Recent Changes in Hydrothermal Conditions on Vegetation in Central Asia	Land Том 11, Выпуск 3March 2022 Номер статьи 327	66	Xing, X., Qian, J., Chen, X. Chaoliang Chen S. Sun, Jiayu. Wei, Shujie. Yimamai	3.2	2

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21.	Application of Sentinel-1 SAR Data for Detecting a Nuclear Test Location in North Korea	Canadian Journal of Remote Sensing Том 48, Выпуск 2, Страницы 327 - 335 2022	71	Akhmadiya, A.A., Moldamurat, K., Jamshidi, M. Brimzhanova, Saule. Nabiyev, Nabi. Kismanova, Aigerim	3.6	1
22.	BIOGEOGRAPHIC POTENTIAL OF THE NORTH KAZAKH PLAIN IN THE PERSPECTIVE OF HEALTH TOURISM DEVELOPMENT	Geojournal of Tourism and Geosites Том 40, Выпуск 1, Страницы 253 - 258 2022	69	Makhanova, N., Berdenov, Z., Wendt, J.A. Sarsekova, Dani. Mursalimova, Elmira. Sansyzbayeva, Aigerim. Nurtazina, Nargis. Safarov, Ruslan.	3.0	1
23.	Indicators of full value feeding rations for dairy cows	Brazilian Journal of Biology Том 82 2022	68	Bostanova, S., Aitmukhanbetov, D., Bayazitova, K.	2.5	1
24.	Evaluation of the Strength Characteristics of Silty-Clayey Soils during Freezing-Thawing Cycles	Applied Sciences (Switzerland) Том 12, Выпуск 2 January-2022 Номер статьи 802	73	Bragar, E., Pronozin, Y., Zhussupbekov, A. Gerber, Alexander. Sarsembayeva, Assel. Muzdybayeva, Tymarkul. Sarabekova, Ulbossyn Zhangabilkyzy	3.7	0