

An Innovation Study on Thriving the Stock & Nations Electricity-Generating Amount Changes & Analysis through Sustainability

Run Xu¹, Changfu Jin², Xiangilan Piao², Wanhao Wu³, Jiaguang Liu³, Jing Yu³, Tianyi Yan⁴, Zhongchun Cao¹, Jing Yu⁵, Litao Wang⁵, Yanjun Ma⁵, Guocai Jiang⁵, Hongliang Zhang⁵, Minheng Jin²

¹Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongnam, South Korea

²Yanbian University, College of Engineering, Dept. of Agricultural Machinery, Yanji city 133000, Jilin Province, China

³Yantai Institute of Science & Technology, Yantai 264005, Shandong Province, China

⁴Qingdao University, School of Electron-mechanical Engineering, Qingdao 266071, Shandong, China

⁵Jilin Institute of Technology, Dept of Mechanical Engineering, Changchun 130012, Jilin Province, China

*Corresponding Author: Run Xu

DOI: <https://doi.org/10.5281/zenodo.20213466>

Article History	Abstract
<p>Original Research Article</p> <p>Received: 10-03-2026</p> <p>Accepted: 21-04-2026</p> <p>Published: 15-05-2026</p> <p>Copyright © 2026 The Author(s): This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.</p> <p>Citation: Run Xu, Changfu Jin, Xiangilan Piao, Wanhao Wu, Jiaguang Liu, Jing Yu, Tianyi Yan, Zhongchun Cao, Jing Yu, Litao Wang, Yanjun Ma, Guocai Jiang, Hongliang Zhang, Minheng Jin. (2026). An Innovation Study on Thriving the Stock & Nations Electricity-Generating Amount Changes & Analysis through Sustainability. <i>UKR Journal of Multidisciplinary Studies (UKRJMS)</i>, 2(5), 96-101.</p>	<p><i>With regards to developing level the high-tech product will be exhibited by our scientist and engineers continuously. Hence, the artificial intelligence product ought to satisfy our request in modern society due to raising convenient one like health robot, massage robot etc many kinds. The better live is to be advocated by resent AI and automatic time through maker producing multi-functions robot and virtual world for us to experiment and find its strong might like those worked in the auto making assembly with quickness and precision that means the high quality and efficient, low contamination. We should continue to find more its function applying to all aspects of our surround like low-air economy for example the drone whose function is transiting big freight with several hundred Kilogram in southern area in Guangdong one. Thereby, the automatic time with high-intelligence electric product may exhibit in trial occasions for instance in expo & air-show exhibition where the most technological one is exposing too. From our atmosphere to space exploration many innovation products can be applied, so that the research & development division in maker will play an important role in transforming those immature substance performance published in CNS (cell, nature & science) etc. top journals describing the external and internal contained many measures to prove and narrate its achievement with some mathematical & experience formulas to approach its truth rule as for a defining materials and procedures which may result the eminent performance & demonstration for multi-functions. The reservation energy system as a new technique is to be searched for applying to airplane and vehicle & generating institution, therefore the new research direction would be proposed by scientists who proceeds in electric energy transforming chemical energy with renewable energy containing a little carbon fuel from the petroleum. The wind energy, photovoltaic energy adding nuclear one & hydraulic energy will be reserved in a cabin for using in its need time ie. peak time.</i></p> <p>Keywords: thriving The stock, Nations electricity-generating amount analysis, through sustainability, changes.</p>

1. Introduction

The high-technique product and skill will become more significant than ever because AI (artificial intelligence) technique replaces the automatic and man-work flow-lines in a maker largely according to News report. So that those high-tech skill will transform into the product making

ability may occupy a more important task for our scientist and engineers to deal with. Therein, the many AI Robots have to enter the maker workshop to efficient work for men will be prevalent and low cost. At the same time, the AI Robot making makers will stand in the mount peak to

proceed all kinds of experiment trials and expand those function software and hardware that may be instructed collaboratively by the university PhD who grasped some important message. Through contacting those cooperation experiment with parameters like temperature, time and deviation scope grasping conditions might be exhibited between them which may play an important effectiveness on how to produce the new product more precisely and having low-cost features. Another one will erect the product equipment like processing machine, automatic flow-equipment which may be depending on the out-source-enterprise with the demand condition. Then the scientists will give his opinions to the deviation endurance which makes the possible making capacity upwards and looks forwards to enduring more time without main error.

The tertiary industry would involve on service business like high-technique-service office for enterprises influence in one region whose making purchase order and complaint so as to request more orders from the maker in neighbor maker and sale centers. They will transfer message from the ultimate customer to factory for improving their some function continuously as a consultation company. On the other hand, the whole GDP increasement might influence the tertiary one reversely due to enough income could raise our consumption capacity, special in service business. However the which business we could proceed the GDP factors will be enhanced from their physical & brain labors. Thereby, whatever you pursued the certain dedication to our society progression at all.

At the end the tertiary one role is made strong more and more when seeing the GDP value, therefore more and more stores and offices will be allocated in city for the sake of acquiring more information about their products. Meantime, the special sale stores will be much than ever like Huawei handphone and i-pad even portable computer which is a high-light in a department lobby. Their aim at increasing sale amount is one aspect firstly, then sell EV etc. new concept electric auto is two one. As we knew the price difference between them might attain more than 50 times. So that the perspective will be watched special in the tertiary industry which may create more profitable mediate-life consumption less than ten years. Maybe after decade the humanoid robots would enter our life like family, coffee store & canteen in light of present tendency and development, so we might share the automatic time in advance. [1~30]

2. Discussions

In this study, the Chinese provinces private cars and nations steel producing amount would be searched in detail. It is found that the top province's car ownership attains 32 million by Guangdong province and then 25 million by

Jiangsu province correspondingly in 2024. Therefore, it means that in those two provinces they have one car in every family entirely. It represents that the world present level will be attained by top four of them in advance. Thereby, it enhances the whole industry level and ability as an important secondary industry in China now. On the other hand, the China steel producing level in 1992 might attain 88 million tons with 11% y-y value per year. It means that each people in China had above 70Kg steel capacity while the Japan had 0.9 tons per capita that indicated the latter Japan would be 14 times compared with the former China per capita.

2.1 The stock changes

The stock price changes recently might show increasing rate with 12.4% ~0.06% by <Longteng Photovoltaic> ~<Shanshi Net-tech> correspondingly according to the Table 1 to exhibit the highest one 2.6% by <Wo Erde>, and then 2.1% by the <Laibo Taike>. On the contrary, the <Shanshi Net-tech> recorded 0.06% with minus increase.

Table 1 The stock price changes recently [1]

Names	Price, yuan	Increasing rate, %
Longteng Photovoltaic	4.6	12.4
Laibo Taike	36.6	2.1
Jin Dalai	12.7	0.2
Na Xinwei	200.2	0.4
ST Sikerui	41.6	1.3
Wo Erde	125	2.6
Nanwei Medicine	84.1	0.9
Shanshi Net-tech	16.7	0.06

2.2 Nations electricity-generating amount analysis

The nations electricity-generating amount analysis might show 3.8 trillion degree & 0.8 trillion degree by USA & Russia correspondingly in 1997 to express USA strong economy capacity. The y-y value would indicate 2.8%~ -3% by them accordingly exhibited their low and minus developed steps.

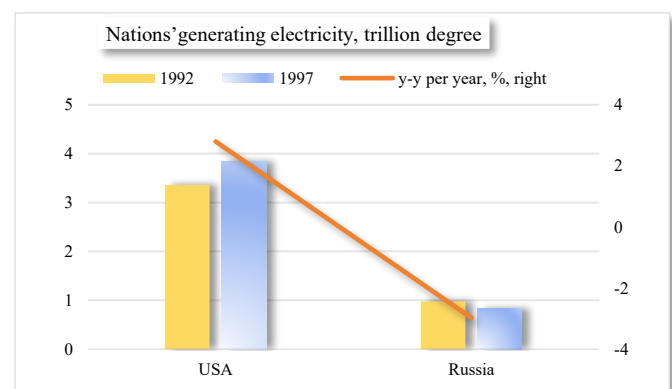


Figure 1 The nations electricity-generating amount analysis. [2]

On the other hand, the nations electricity-generating amount analysis might show 1 trillion degree & 0.4 trillion degree by China & Britain correspondingly in 1997 to express China moderate economy capacity. The y-y value would indicate 9.4%~2.5% by them accordingly exhibited their intermediate developed steps.

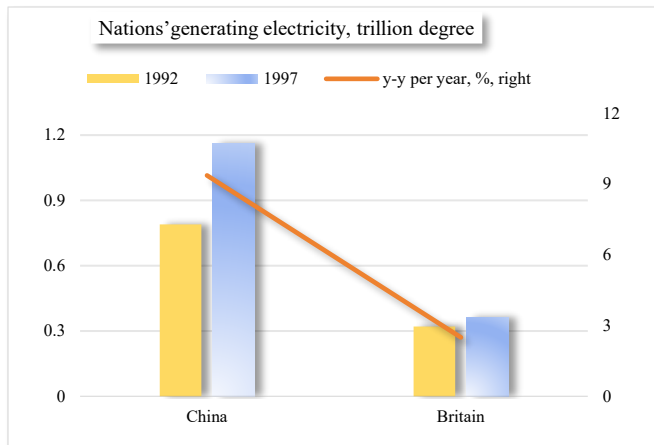


Figure 2 The nations electricity-generating amount analysis I. [2]

2.3 China provinces GDP changes

The Chinese provinces GDP analysis might show billion dollars 790~480 billion dollars by Guangdong~Zhejiang ones correspondingly to express their upwards economy level in 2011 according to Figure 3 that attained beyond 1.6 times. The y-y value might exhibit around 11%~14% by Guangdong~Jiangsu realized their more upwards developed step situation.

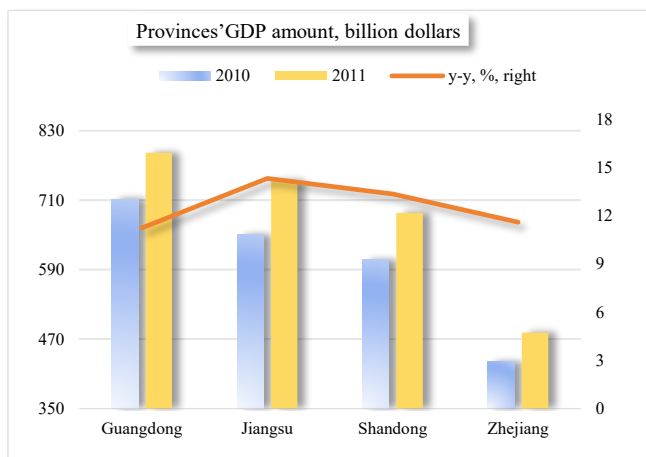


Figure 3 The China provinces GDP changes. [3]

Furthermore, the Chinese provinces GDP analysis might show billion dollars 490~325 billion dollars by Henan~Sichuan ones correspondingly to express their upwards economy level in 2011 according to Figure 4 that attained beyond 1.5 times. The y-y value might exhibit around 5%~18% by them realized their more mediate developed step situation.

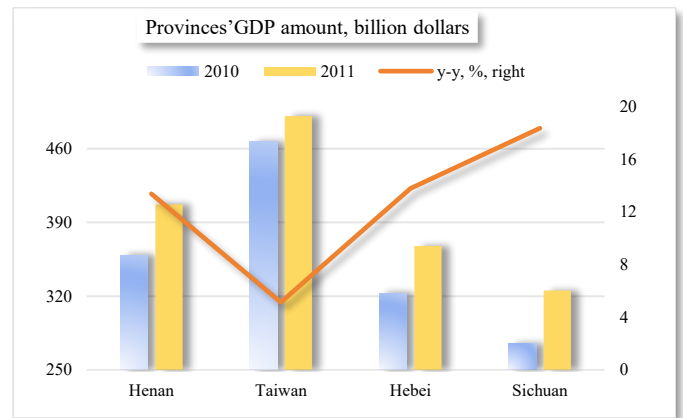


Figure 4 The China provinces GDP changes I. [3]

Moreover, the Chinese provinces GDP analysis might show billion dollars 340~282 billion dollars by Liaoning~Shanghai ones correspondingly to express their upwards economy level in 2011 according to Figure 5 that attained beyond 1.2 times. The y-y value might exhibit around 16%~8% by them realized their more forwards developed step situation.

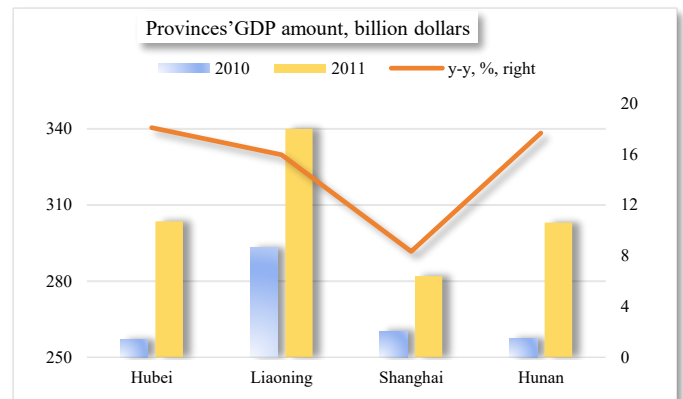


Figure 5 The China provinces GDP changes II. [3]

Moreover, the Chinese provinces GDP analysis might show billion dollars 214~162 billion dollars by Guangdong~Shandong ones correspondingly to express their upwards economy level in 2011 according to Figure 6 that attained beyond 1.3 times. The y-y value might exhibit around 21%~19% by Jiangsu~Shandong realized their more forwards developed step situation.

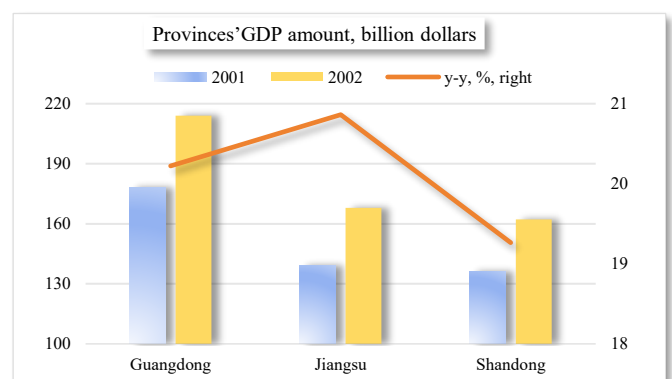


Figure 6 The China provinces GDP changes III. [3]

Summarily, developing national GDP includes energy revolutions and financial boosting which represents a country dynamic and blood in deepening degree, therefore the industry reformation from capital intensive to technique intensity has to proceed with urgency and quickness. That course will experience many difficulties and barriers in front of our progression, the preparation working is necessary and important for our continuing endeavor and policy instruction from enterprise to government aspects. New energy one like wind turbine is a clean one from various air-pressure and temperature difference while photovoltaic absorbing photo energy from sun and moon which becomes a most important energy origin. Thereby, much nature energy will be absorbed to electric energy which transit into nearby and remote place for our family and factories to use. Due to lacking carbon composition those ones will be no-contaminating energy making the limited petroleum one to be replaced by them in near future.

3. Conclusions

The automatic time with high-intelligence electric product may exhibit in trial occasions for instance in expo & air-show exhibition where the most technological one is exposing too. From our atmosphere to space exploration many innovation products can be applied, so that the research & development division in maker will play an important role in transforming those immature substance performance published in CNS (cell, nature & science) etc. top journals describing the external and internal contained many measures to prove and narrate its achievement with some mathematical & experience formulas to approach its truth rule as for a defining materials and procedures which may result the eminent performance & demonstration for multi-functions. The reservation energy system as a new technique is to be searched for applying to airplane and vehicle & generating institution, therefore the new research direction would be proposed by scientists who proceeds in electric energy transforming chemical energy with renewable energy containing a little carbon fuel from the petroleum. The wind energy, photovoltaic energy adding nuclear one & hydraulic energy will be reserved in a cabin for using in its need time ie. peak time. On the other hand, those high-technique skill and product must be affecting our daily live like electric-vehicle and electric-plane so as to improve our progression with raising the nation GDP eventually largely decade year later. Hence, the preliminary trial in university and makers should be processed from now on for the sake of promoting our basis and applied capacities. Meanwhile, the talent education enterprise may become key reservation force for our universities & makers and government to employ satisfied one sustainably due to finding its character. On the contrary, the GDP will

influence our research & development level and capital since the more sponsorship may be allocated to those cutting-edge-field project and program.

Foundation

This paper was supported by the Korean Science & Engineering Fund at the granted No. 96-0300-11-01-03, under the Specific Basis Research program.

Ethic Declaration

The authors declared that there were not conflicts of interest to disclose.

References

1. The stock price changes, CCTV-1, May 7, 2026
2. The nations electricity-generating amount analysis, May 9, 2026
3. China provinces GDP changes, May 9, 2026
4. Subject on Journal of Robotics and Automation Research, E-Mail, May 8, 2026
5. Run Xu, An Innovation Searching for Prospering Financial Reformation like Stock's Sectors Increasing Amount and Economy GDP & its Per Capita Enhancement on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 153~157 Impact factor 4.33
6. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement on Scientists Publishing their Achievements at High Impact Factor Journals by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 189~193
7. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with G20 Group etc. on Scientists' Behavior and Judgement with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 184~188 Impact factor 4.33
8. Run Xu, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement with Some Various Regions on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 178~183 Impact factor 4.33
9. Run Xu, Changfu Jin, Yonggen Wu, Wanhao Wu, Tianyi Yan, An Innovation Searching for Boosting Financial Reformation e.g. ETF and Economy

- GDP Enhancement on Scientists' Behavior and Judgement Writing Papers by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 199~203 Impact factor 4.33
10. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Hubei & Hunan Provinces on Scientists' Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 204~208 Impact factor 4.33
 11. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Osaka & Shanghai and Hong Kong Cities & Shandong and Fujian Provinces on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 303~307 Impact factor 4.33
 12. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Indian Cities & Shandong and Fujian Provinces on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 308~313 Impact factor 4.33
 13. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tao Yu, Tianyi Yan, Zhenguo Li, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Various Cities on Scientists' Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 314~319 Impact factor 4.33
 14. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tao Yu, Tianyi Yan, Zhenguo Li, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with High-Speed Train Milage on Scientists' Published Behavior and Judgement through Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 320~325 Impact factor 4.33
 15. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with the India & Taipei on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 10~13 Impact factor 4.33
 16. Run Xu, An Innovation Searching for Prospering High-Technique Product and Economy GDP Enhancement with Indian Maharashtra State & Beijing City and Nobel Laureates on Scientists' Analyzing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 14~18 Impact factor 4.33
 17. Run Xu, Changfu Jin, Wanhao Wu, Yonggen Wu, Tianyi Yan, An Innovation Searching for Prospering Economy GDP Enhancement with the Indian & Chinese North-Eastern Three Provinces and Nobel Prize Amount Ranking Analysis on Scientists' Writing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 24~28 Impact factor 4.33
 18. Run Xu, Changfu Jin, An Innovation Searching for Prospering Economy GDP Enhancement with the Holland & China Provinces and Forecasting Global Ranking Analysis on Scientists' Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 19~23 Impact factor 4.33
 19. Run Xu, Changfu Jin, Yonggen Wu, Tianyi Yan, An Innovation Searching for Prospering Economy GDP Enhancement with the Holland & China Jiangsu etc. Provinces and Forecasting Global Ranking Analysis on Scientists' Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 29~32 Impact factor 4.33
 20. Run Xu, Changfu Jin, Xianglan Piao, Yonggen Wu, Tao Yu, Boyong Hur, Hyojun Ahn, An Innovation Searching for Prospering Economy GDP Enhancement with the Venezuela vs Shanghai City & Anhui Province etc. vs the Global Average Level etc. Analysis on Scientists' Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 33~37 Impact factor 4.33
 21. Run Xu, Changfu Jin, Yonggen Wu, Tianyi Yan, An Innovative Research about Thriving Chinese New-Power Auto-Makers Sale numbers in 2025 & GDP Enhancement with Venezuela and Chinese Cities etc. Additionally Hubei & Hunan Provinces on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 38~42
 22. Run Xu, Changfu Jin, Yonggen Wu, Tianyi Yan, An Innovative Research about Thriving GDP

Enhancement with Chinese North-Eastern Three Provinces and Indian States, Additionally Nobel Prize Amount Variations on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 2, Issue 1, 2026, 43~47

23. Run Xu, An Innovative Research about Booming GDP Enhancement with Chinese Hubei & Hunan Provinces, Additionally Stocks Sector Variations on Scientists by Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-1 (January~February) 2026, 29~32
24. [24] Run Xu, Changfu Jin, Yonggen Wu, An Innovation Research about Booming GDP Enhancement with Tokyo Korea Holland & Chinese Top Provinces on Scientist by Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-1 (January~February) 2026, 25~28
25. Run Xu, Xianglan piao, Changfu Jin, Boyong Hur, Sugun Lim, Wanhao Wu, Guanghui Yu, Enji Li, An Innovation Searching for Retrieving Anhui & Hong Kong City and New Energy Vehicle Sale Amount and Singapore & Shan'xi Province's GDP Enhancements by Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-1 (January~February) 2026, 33~36
26. Run Xu, Boyong Hur, Sugun Lim, Wanhao Wu, Guanghui Yu, Xianglan piao, Enji Li, An Innovation Searching for Retrieving Singapore & Shan'xi Province and Tokyo & Hong Kong City's GDP Enhancements and Nuclear-Energy Generating Electricity Amount by Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-1 (January~February) 2026, 37~40
27. Run Xu, Changfu Jin, Yonggen Wu, Tianyi Yan, Boyong Hur, Sugun Lim, Tao Yu, Wanhao Wu, Guanghui Yu, The Innovative Searching for Booming Tokyo City & Chinese Provinces' GDP Enhancement Variations on Scientists Publishing in Subjects & Recruiting Information for PhD by Sustainability, Isrg j. multidiscip. Stud. Volume-IV, Issue-I, 2026, 23~27
28. Run An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 143~147
29. Run Xu, Changfu Jin, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP with Different Regions Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 139~142