

## An Innovation Research on Retrieving Chinese & Korean, Singapore GDP Changes & China Cities GDP per capita Changes through Sustainability

Run Xu<sup>1</sup>, Changfu Jin<sup>2</sup>, Xiangilan Piao<sup>2</sup>, Wanhao Wu<sup>3</sup>, Jiaguang Liu<sup>3</sup>, Jing Yu<sup>3</sup>, Tianyi Yan<sup>4</sup>, Zhongchun Cao<sup>1</sup>, Hongliang Zhang<sup>5</sup>, Minheng Jin<sup>2</sup>, Gonghai Yu<sup>6</sup>, Qinghua Xu<sup>6</sup>, Yanjie Mu<sup>6</sup>

1. Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongnam, South Korea
2. Yanbian University, College of Engineering, Dept. of Agricultural Machinery, Yanji city 133000, Jilin Province, China
3. Yantai Institute of Science & Technology, Yantai 264005, Shandong Province, China
4. Qingdao University, School of Electron-mechanical Engineering, Qingdao 266071, Shandong, China
5. Jilin Institute of Technology, Changchun 130012, Jilin Province, China
6. Korea-China International Communication Center, Yantai 264025, Shandong Province, China

\*Corresponding Author: Run Xu

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Article History	Abstract
<b>Original Research Article</b>	<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 &amp; 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 &amp; development division in maker will play an important role in transforming those immature substance performance published in CNS (cell, nature &amp; science) etc. top journals describing the external and internal contained many measures to prove and narrate its achievement with some mathematical &amp; experience formulas to approach its truth rule as for a defining materials and procedures which may result the eminent performance &amp; demonstration for multi-functions. The reservation energy system as a new technique is to be searched for applying to airplane and vehicle &amp; 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 &amp; hydraulic energy will be reserved in a cabin for using in its need time ie. peak time.</i></p> <p><b>Keywords:</b> retrieving Chinese &amp; Korean, Singapore GDP changes, China cities GDP per capita, through sustainability, an innovation Study.</p>
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### 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. [1~23]

## 2. Discussions

The new technology will present the latest high-performance that includes in the quantum computer, artificial intelligence algorithm, robot, medicine molecule model, new materials aspects that may affect important influence on our harmony relations with experiencing cutting-edge-field. So we should

clarify the defining limitation from publication academy of the newest journal for our senior engineers and scholars to search for the relevant connection with themselves subjects. So that the more academic level papers they had the more advanced capacities they are knowing and grasping those new weapons special in the energy transformation theme and then artificial intelligence robot algorithm for composing new molecule models to erect the fittest one to develop new feature drugs and new materials with those big super-quantum computers whose calculate is far speedier than the usual computer. The more sophisticated technique is better than the simple one due to its containing complicated calculation with advance mathematical methods. Therefore, the high-performance equipment may take up new and the quickest dealing system and capacity for us to use sustainably special to those difficult problems. [24~27]

### 2.1 Chinese & Korean, Singapore GDP changes

The Shenzhen & Singapore GDP analysis might show 5.6 & 57.5 billion dollars correspondingly in 1992 according to Figure 1 to indicate Singapore strong economy capacity. The y-y value would exhibit 51% & 20% by them accordingly recorded their most forwards developed step.

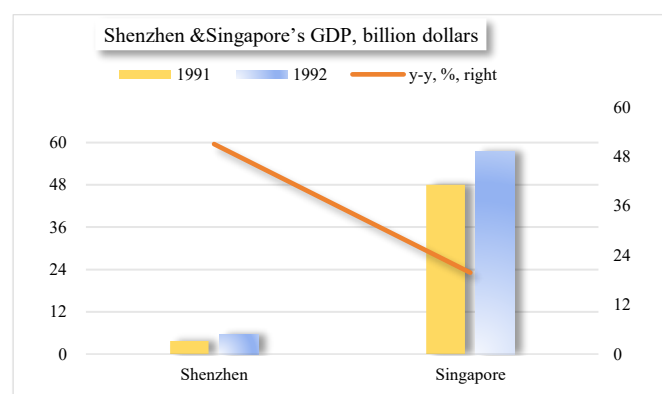


Figure 1 Shenzhen & Singapore GDP analysis I. [1]

The Korea & HK GDP analysis might show 5.6 & 57.5 billion dollars correspondingly in 1989 according to Figure 2 to indicate Korea strong economy capacity. The y-y value would exhibit 37% & 23% by them accordingly recorded their most forwards developed step.

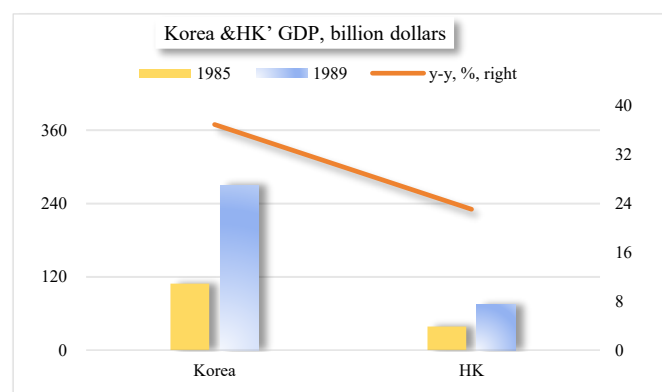


Figure 2 Korea & Hong Kong GDP analysis I. [1]

The Shenzhen & Singapore GDP analysis might show 2 & 34 billion dollars correspondingly in 1992 according to Figure 1 to indicate Singapore strong economy capacity. The y-y value would exhibit 68% & 20% by them accordingly recorded their most forwards developed step, specially by Shenzhen city with maximum growth step.

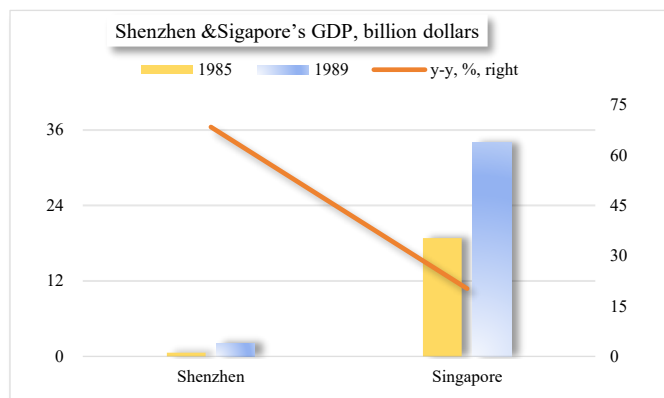


Figure 3 Shenzhen & Singapore GDP analysis II. [1]

## 2.2 China cities GDP per capita

The China cities GDP per capita analysis might exhibit 17~18 ten thousand yuan by Baotou ~Hangzhou city correspondingly in 2025 according to Figure 1 shown Hangzhou one strong economy GDP per capita. In contrast, the Zhuhai & Fuzhou cities following Hangzhou became the second & third one with 18 & 17.7 ten thousand yuan.

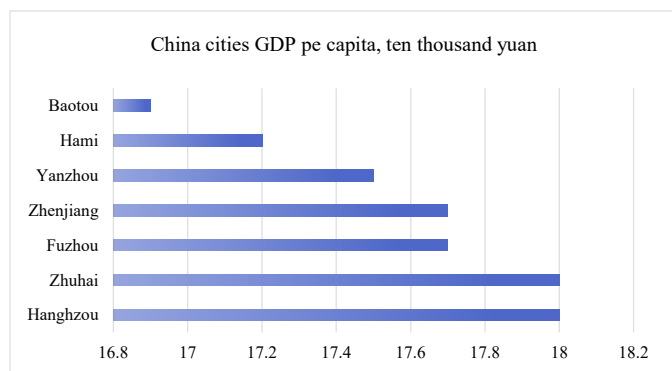


Figure 4 China cities GDP per capita analysis. [2]

The China cities GDP per capita analysis might exhibit 19~21.3 ten thousand yuan by Ningbo ~Suzhou city correspondingly in 2025 according to Figure 2 shown Suzhou one strong economy GDP per capita. In contrast, the Nanjing & Yulin cities following Suzhou became the second & third one with 20 & 20.7 ten thousand yuan.

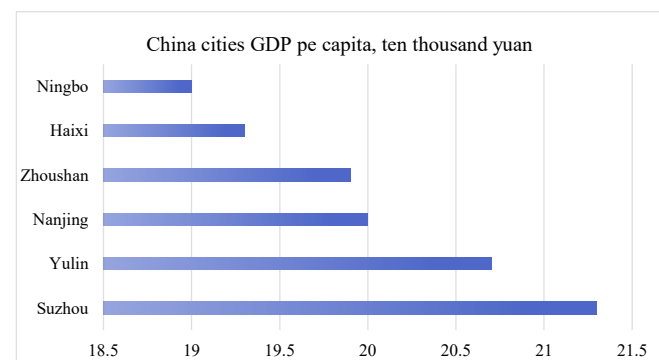


Figure 5 China cities GDP per capita analysis I. [2]

The China cities GDP per capita analysis might exhibit 19~21.3 ten thousand yuan by Ezhou ~Foshan city correspondingly in 2025 according to Figure 6 shown Foshan one strong economy GDP per capita. In contrast, the Tangshan following Foshan became the second one with 13.5 ten thousand yuan.

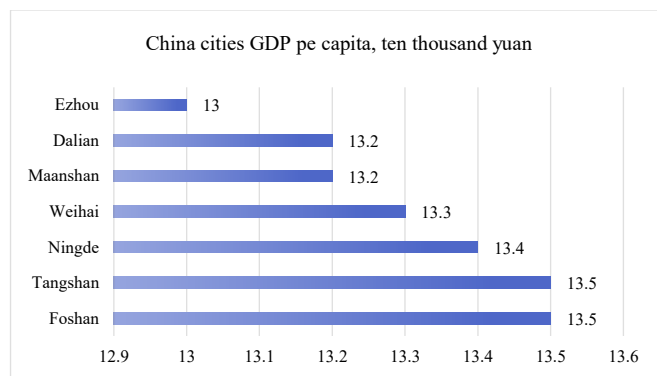


Figure 6 China cities GDP per capita analysis II. [2]

## 2.3 Subject for European Journal of Law and Political Science

As for Scholar/Academician, we are delighted to extend an invitation for you to contribute to the European Journal of Law and Political Science (EJ-POLITICS). As a peer-reviewed and open access journal, we are dedicated to publishing the highest quality of original research, reviews, and case studies in all areas of Law and Political Science. We warmly encourage you to submit your manuscripts or recommend papers that offer new insights and significant findings in your field of study. Therefore, we are hopeful to receive your valuable paper submission, and we will publish after peer reviews timely and cheaply. [3]

Summarily, the new technology will present the latest high-performance that includes in the quantum computer, artificial intelligence algorithm, robot, medicine molecule model, new materials aspects that may affect important influence on our harmony relations with experiencing cutting-edge-field. So we should clarify the defining limitation from publication academy of the newest journal for our senior engineers and scholars to search for the relevant connection with themselves subjects. So that the more academic level papers they had the more advanced capacities they are knowing and grasping those new weapons special in the energy transformation theme and then artificial intelligence robot algorithm for composing new molecule models to erect the fittest one to develop new feature drugs and new materials with those big super-quantum computers whose calculate is far speedier than the usual computer. The more sophisticated technique is better than the simple one due to its containing complicated calculation with advance mathematical methods. Therefore, the high-performance equipment may take up new and the quickest dealing system and capacity for us to use

sustainably special to those difficult problems. [28~30]

### 3. Conclusions

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.

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### Ethic Declarations

The authors declared that there were not conflicts of interest.

### References

1. The Indonesia &Shanghai GDP analysis, May 14, 2026
2. China cities GDP per capita, May 15, 2026
3. Subject for European Journal of Law and Political Science, May 15, 2026
4. Run Xu, 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
5. 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
6. Run Xu, Changfu Jin, Xianglan Piao, Yonggen Wu, Jing Yu, Jiagunag Liu, Tianyi Yan, Wanhao Wu, An Innovation Searching for Prospering Financial Reformation e.g. the ETF and Economy GDP Continual Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 194~198
7. 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
8. 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
9. 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
10. 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
11. 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

12. 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
13. 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
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 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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
23. 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
24. 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

25. 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
26. 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
27. 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
28. 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
29. 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
30. Run Xu, An Innovation Searching for Prospering Economy GDP Enhancement with Different Regions on Scientists with Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 148~152 Impact factor 4.33