

## **An Innovation Study on Boosting the High-Technique Products & Performance Relationships with Scientist's Behavior & Judgement Sustainably I**

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**ABSTRACT:** As for improving GDP (gross domestic product) value, the many things need us to chase from consumption, reserve to income all capital aspects. So that the positive consuming behavior and judgement would be included in details that not only activating the recent market but also stimulating the demand. Therefore, the much expenditures behavior may take up the aspects with all of potential requirement by us that may be providing a eminently breakthrough market in near future. For attaining such

request from the market the more sophisticated and advanced product including artificial intelligence robot for facilitating our payment, moving machine & massage one etc. With regard to emerging new machine which bring out new functional machine for us to enjoy in the views of maintaining our health and predicting disease at all. Hence, regarding that emergent robot exhibits the more multidisciplinary subjects would be more prevalent than ever due to inventing innovation soft logical intrinsic program with the semi-conductivity material in chip. Our scientists has to continue their research item following those emergent phenomenon with how to deal them through directly searching direction for the sake of satisfying human demands sustainably. Meantime, the combining subjects will emerge with their quickness speed applied to the fringe science and technique which may create many innovative subjects and research & development items correspondingly so as to raise our current technique level and super-technique-world in future due to its strong mysterious strength behind the substance appearance. Therein, the more scientific research and educational program might be erected in light of wielding enough their functional combination together in order to create new and more subject and R & D(research & development) destination in makers. From there, the more complicated theory and new trial result could be exhibited with many innovative papers and books written by our scientist and engineers according to the new emerging theory and phenomenon found by us by now. Therefore, many papers about new materials and design project are to be publicated in high-quality journal within several months research and study which may explore key joints on materials internal points performances with drawing the completing deduced formula and experimental result to see whether their consistencies happened or not. So that new one would describe the external and intrinsic structure and stresses & default statuses continually for the sake of promoting its performance through experimental and theoretic deductions that may afford the basic experiment data for our engineers to continuously endeavour later in maker and colleges. Once the coincident result happened the applying to product design, process & test fatigue longevity etc a series evaluating, cost calculation and procedure simulation will be invested for increasing benefit and goodness.

**Keywords:** *Boosting the High-Technique Products, Performance relationships with scientist's, behavior & judgement, by sustainability, an innovated study*

## 1. Introduction

The potential talents need to be emphasized and trained a periodical education experience so as to raise the competition capacity each other that will take up the usefulness methods to be birthed constantly. The collaborative combination and cooperative spirit will be advocated by us so as to make an innovative item like software program making capacity besides hardware searching and exploration. From the composition to the performance the series experimental with a series of processing stages like combining compositions, processing, evaluating, processing again, evaluating longevity & making product and brain judgement like modeling erection with principle formula will indicate that first one factor to determine the predicting performance result and longevity. So we should investigate broadly and clarify the key points and then start our theoretical modeling exhibition with the help of experimental proof that may bring out many chances for us to process continually.

Meantime, the investment behavior may be proceed by the similar method with experiment and judgment capacity. The first experiment will be done several thousand stocks in exchange center use portfolio combining strategic plan and then after some time the evaluating its earning will be expressed, and the goodness with AI investment machine and mathematical deduction modeling to analyse the price changes even vibration. Thereby, the financial innovation will make us to be a rich-man that contributes to the tertiary industry enhancement eventually and ultimately. Hence, the reformation idea will occupy the first and important factor for us to master its behavior and judgement like financial one that may bring us more beneficial capital than ever because of the quantization investment and evaluating stock price within 5 thousand stocks. Thereby, the stocks evaluating system will be more prevalent and urgent for our constitution investment behavior. There are so many tips to tell us following the main capital to win the game that is like a fairy tale story under the help of AI (artificial intelligence) machine.

At the same time, the nations industry advancement will influence our life level like 16° electric consumption per people per day in China 2025. the more energy electric generator has to be increased gradually year by year so as to raise our GDP value eventually besides giving us more comfortable even convenience above 10 times to catch up the USA developed level. Let us do best endeavour to raise our mission for improving GDP value

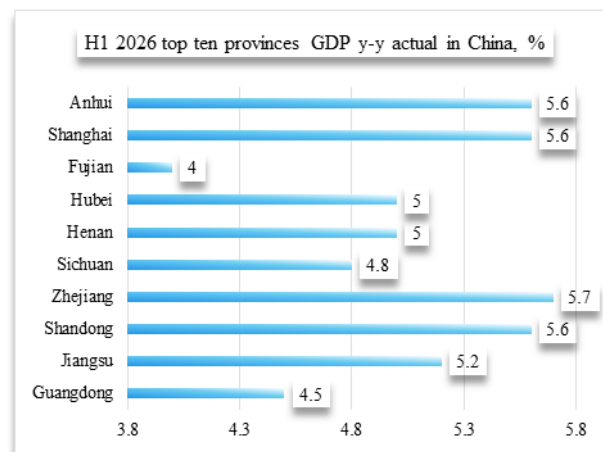
under cooperation and collaboration spiritual courage within R & D dept (research & development department) and laboratory scope that is to become our diligent destination as to so many scientist and scholars. The better way to be successful is still made by ourselves in different occupations that may create huge power to push the high-technique forwards sustainably whilst the achievement can be published in a journal with fluently English narration once we had any spiritual inspirations. [1~20]

## **2. Discussions**

The high-subject multidisciplinary research and department will provide us many new work and search to do by why to search and write performance papers in the views of proceeding further mysterious research to Nano-scale one even photon with zero mass in our new materials and computer science at all which may afford a series of new dynamics unbalance to solve those complication physical phenomena through our scholars continuing process how to find and seek new intrinsic principles under surface performance virtual rules which may describe the key joint influence to the entire product. On the other hand, the high-technique might influence our human GDP indicator hugely from the primary industry to tertiary one whose role is beyond current traditional subject and item because they own the high-knowledge-composition in its inner for us continuously to search. So that through continually developed research the innovation performance would exhibit by scientist & authors for the sake of progressing to create subject like developing multidisciplinary one within various department in university. Therefore, the new task would be produced continuously upon deeply cultivating new potential connect & knowledge from now on with scientists collaboration and independence behavior & judgement sustainably. [21~25]

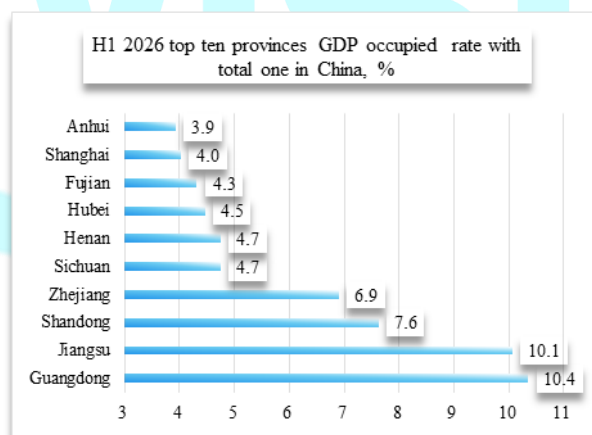
### **2.1 H1 2026 China op ten provinces GDP status**

The H1 2026 China top ten provinces GDP y-y value would show 5.6%~4.5% by Anhui~Guangdong province correspondingly in Figure 1 to indicate the Zhejiang one competed the highest developed pace with 5.7%. In contrast, the Shandong, Shanghai & Anhui ones finished 5.6% developed pace there.



**Figure 1** H1 2026 China top ten provinces GDP y-y value status. [1]

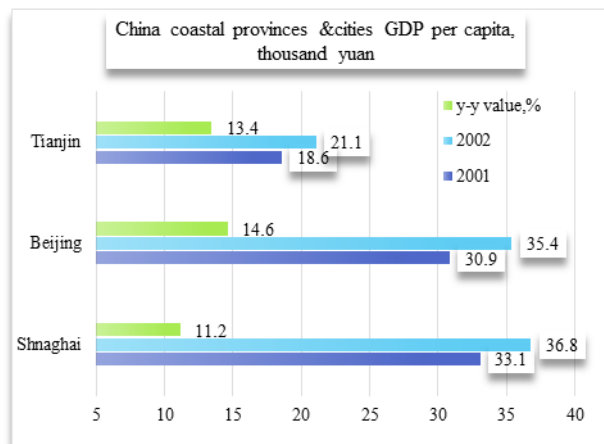
The H1 2026 China top ten provinces GDP occupied rate with total value with 69.5 trillion yuan would show 3.9%~10.4% by Anhui~Guangdong province correspondingly in Figure 2 to indicate the Jiangsu one following Guangdong one competed the secondly developed pace with 10.1%. In contrast, the Shandong & Zhejiang ones finished 7.6% & 6.9% developed pace there accordingly to dominate the third & fourth one.



**Figure 2** H1 2026 China top ten provinces GDP occupied rate with total one value status. [1]

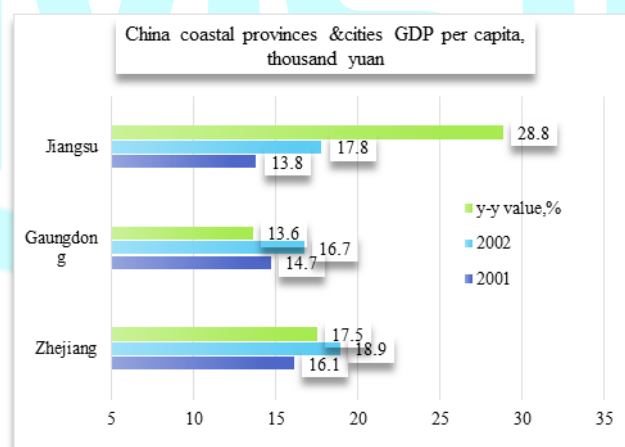
## 2.2 China coastal provinces & cites GDP per capita changes

The China coastal provinces & cites GDP per capita status might exhibit 21~37 thousand yuan by Tianjin~Shanghai city correspondingly according to the Figure 3 to realize the latter Shanghai city prosperous economic momentum in 2002. The y-y value might attain 13%~11% by them respectively shown the Beijing one forwards developed step with 14% speed.



**Figure 3** China coastal provinces & cities GDP per capita status. [1]

Moreover, the China coastal provinces & cities GDP per capita status might exhibit 18~19 thousand yuan by Jiangsu~Zhejiang province correspondingly according to the Figure 4 to completed their same prosperous economic momentum in 2002. The y-y value might attain 28.8%~17.5% by them respectively shown the Jiangsu one forwards developed step with 28% speed. On the contrary, the Guangdong one remained the backwards developed pace with 13.5% to describe its lowest speed there.



**Figure 4** China coastal provinces & cities GDP per capita status I. [1]

The GDP as an indicator may play an important role in every aspects of nation and region economic activities, so that the emphasis on it will become a necessary factor for us to evaluate continually. For example the expenditure and incoming balance which may influence the national economic activities like visiting various regions in a country would afford a higher expense booming including the restaurant eating style & buying souvenir etc. many aspects besides the double-flight-fee. Therefore, the more income will be necessary accounting for high-technique working occupation that may bring us up the

enough income for us to prepare to enjoy a travel happiness. On the other hand, the industrial producing amount will enhance the working opportunities with increasing high-technique graduates and talents in others employment rate a certain degree that may raise that GDP value definitely.

### 3. Conclusions

The long and many times experimental trial will be necessary in order to guarantee the product property stably and reliably. As for the stable operation and reliable one the more times and choices will be proceeded according to the product property regarding the essential new composition, then not missing the long life and good performance negligently in maker sample room and ensure that all the parts are to be more qualified than the last one for the sake of transforming them to customer side with more security & reliable one. Therefore, don't stop to provide innovation product with the easy operation to proceed normally and refuse its advancement feature because the smart product is entering our real world definitely and absolutely. Only if we continue to work the advancement science & technology the sophisticated product and following effectiveness may be birthed and advocated gradually and eventually. As a scientist he must proceed his searching to push new measures for the sake of updating the traditional theory & experiment largely. A paper might conclude in the entire big mind and subsidiary diversities to exhibit his performance in front of public readers that contains many sophisticated features and achievements during his a certain time's innovation research. At the same time, the robot etc innovation machine can help us to process many things from workshop, public occasion to medical & even family, so that the as many as them need us to make continuously to help doing some key aspect like work as welding integrated-circuit chip, movement with materials & doing cuisine and housework even flatter with older man. Therefore, the more robots made by factory are to afford the inestimable perspective for serving human being comfortably. We should constantly provide the substance & logical chip to maker for the sake of producing humanoid-robot specially and continually to realize the modernization and commercialization in near future. Some materials are to affect the product longevity and property so that more searching about it will be necessary through scientists and engineers who burden heavy responsibility for the sake of enhancing its performance and longevity besides its high-quality with low making cost.

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## Ethic Declarations

The authors declared that there were not conflicts of interest.

## References

1. H1 2026 China top ten provinces GDP status, July 25, 2026
2. China coastal provinces & cites GDP per capita changes, July 25, 2026
3. Run Xu, Changfu Jin, Jiaguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Meilan Shi, Zaixuan Li, Pingxi Cui, Junhao Xu, Zaixin Gao, Dongji Li, Qinghua Xu, Yanjie Mu, An Innovated Study of Retrieving the Thailand & Beijing City GDP Changes and the New Delhi & Shenzhen City GDP Analysis and Chinese Stock Price Variations through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 231~237, DOI: <https://doi.org/10.5281/zenodo.20769372>  
**Impact factor: 4.2**
4. Run Xu et al, An Innovated Searching of Prospering the China, Brazil & Pakistan GDP per capita & Introducing International Journal of Epidemiology and Public Health Research Performances on Scientist's Behavior & Judgement through Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~12, DOI: [10.5281/zenodo.21533351](https://doi.org/10.5281/zenodo.21533351) **Impact Factor: 4.0**
5. Run Xu, Yongbo Qi, An Innovated Searching about Reviving the Inner Mongolia GDP & Israel and Hebei etc. Province GDP Analyzing Behaviors & Judgements through Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 13~16
6. Run Xu, Yongbo Qi, An Innovated Searching about Booming the Israel & Hebei etc. Province GDP & Tianjin & Qingdao etc. Chinese Cities GDP Analyzing Behaviors & Judgements Sustainably, UAI J Mult Cul Stu., 2(4) 2026, 17~20

7. Run Xu, Sangshik Kim, Changfu Jin, Xianglan Piao, Wanhao Wu, Yonggen Wu, Guanghui Yu, Jianguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Meilan Shi, Zaixuan Li, Pingxi Cui, An Innovated Study of Retrieving the China Coastal Provinces GDP Status and Guangzhou & Chongqing Cities GDP Variations Analysis by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 264~269, DOI: <https://doi.org/10.5281/zenodo.20786592> **Impact factor: 4.2**
8. Run Xu, Changfu Jin, Xianglan Piao, Wanhao Wu, Yonggen Wu, Guanghui Yu, An Innovated Study on Retrieving the New Delhi & Shenzhen City GDP Variations and Mexico & South Africa GDP Changes through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 258~263, DOI: <https://doi.org/10.5281/zenodo.20786442> **Impact factor: 4.2**
9. Run Xu, Guanghui Yu, Xiangyu Piao, Meilan Shi, An Innovated Study of Retrieving the Global Nations' General Income and Global IT Exportation Variations by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 270~275, DOI: <https://doi.org/10.5281/zenodo.20786654> **Impact factor: 4.2**
10. Run Xu, Changfu Jin, Xianglan Piao, Meihua Piao, Meilan Shi, An Innovated Study of Thriving the Nations GDP Variations and China Fujian~Yulin Cities GDP Analysis by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 302~307, DOI: <https://doi.org/10.5281/zenodo.20827447> **Impact factor: 4.2**
11. Run Xu, Changfu Jin, Xier Huang, Meilan Shi, An Innovated Study of Thriving the Nations GDP Variations and China Fujian~Yulin Cities GDP Analysis and the SunText Review Economics & Business Journal by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 308~313, DOI: <https://doi.org/10.5281/zenodo.20827714> **Impact factor: 4.2**
12. Run Xu, Changfu Jin, Meihan Shi, Meihua Piao, An Innovated Study on Prospering the Nations Goods Exportation Value Analysis and the Introduction to the Science Set Journal of Physics by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 340~344, DOI: <https://doi.org/10.5281/zenodo.20954395> **Impact factor: 4.2**

13. Run Xu, Changfu Jin, Xier Huang, Meilan Shi, Meihua Piao, An Innovated Study on Thriving the Global High-Technique Exportation Amount Variations and Nations Goods Exportation y-y Value Analysis by Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 345~349, DOI: <https://doi.org/10.5281/zenodo.20954647> **Impact factor: 4.2**
14. Run Xu, An Innovated Research of Prospering the HongKong Universities & China Ones Variations in 2026~2027 and Stocks Price Changes and Subject for International Journal of Theoretical & Computational Physics with Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-3 (May-June) 2026, 7~11
15. Run Xu, Changfu Jin, Yongbo Qi, An Innovated Research of Reviving the Nations General Reserve Changes and Guangdong & Mid-East Nations GDP by Sustainability, UAI J Mult Cul Stu., Volume-2 Issue-3 (May-June) 2026, 12~16
16. Run Xu<sup>1</sup>, Changfu Jin, Meilan Shi, Meihua Piao, An Innovated Study for Prospering the Global High-Technique Exportation Amount & its Estimations through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 350~354, DOI: <https://doi.org/10.5281/zenodo.21058270> **Impact factor: 4.2**
17. Run Xu, Changfu Jin, Dongxi Han, Yonghan Cui, Boyong Hur, An Innovated Study of Prospering the Developed Nations GDP per capita y-y Value & European Union USA & China Goods Exportation Changes through Sustainability, UKR Journal of Multidisciplinary Studies, 2(6), 2026, 355~359, DOI: <https://doi.org/10.5281/zenodo.21058882> **Impact factor: 4.2**
18. Run Xu, Yongbo Qi, An Innovated Study of Reviving the Guangdong & Mid-East Nations GDP & Chinese Cities Foreign-Trade Value Changes through Sustainability, UAI J Mult Cul Stu., 2(4) 2026, 9~12
19. Run Xu et al, An Innovation Research of Consuming Electrical Amount per capita in Nations & High-Technique Products on Scientists' Behavior & Judgement through Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: [10.5281/zenodo.21471021](https://doi.org/10.5281/zenodo.21471021)

20. Run Xu, Rongcheng Zhao, An Innovated Searching for Booming Smart Robot etc. Sophisticated Scientific Achievement & Los Angeles & Chinese Top Cities GDP Changes on Scientist's Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~12, DOI: 10.5281/zenodo.21488100  
**Impact Factor: 4.0**
21. Run Xu, Rongcheng Zhao, An Innovated Searching for Average Salary Rate between Private and Non-private Units & Exploring Smart Robot etc. Sophisticated Scientific Achievement on Scientist's Behavior & Judgement by Sustainability, MSI Journal of Multidisciplinary Research, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21488277
22. Run Xu et al, An Innovated Searching of Prospering the Australia Automotive Sale Amount & India & China GDP Changes & National Science & Technology Award in 2025 Analysis' Behavior & Judgement with Sustainability, Open Mind Journal of Multidisciplinary Innovation & Development, 2(4), 2026, 1~8
23. Run Xu et al, An Innovative Study of the BRICS General Reserve and China and India Electricity Generation Amount and India and China GDP Changes Analysis, Open Mind Journal of Multidisciplinary Innovation & Development, 2(4), 2026, 1~10
24. Run Xu et al, An Innovated Searching of Boosting the World Nations High-Technique Exportation Variations & Anhui Province Cities GDP Analysis on Scientist's Behavior & Judgement through Sustainability, MSI Journal of Economics and Business Management, 3(7), 2026, 1~11, DOI: 10.5281/zenodo.21524070
25. Run Xu et al, An Innovated Searching for Boosting the China, Brazil & Pakistan GDP per capita Changes & China Provinces' GDP in First Half of 2026 Ones' Achievement on Scientist's Behavior & Judgement through Sustainability, MSI Journal of Economics and Business Management, 3(7), 2026, 1~12, DOI: 10.5281/zenodo.21524156

26. Run Xu,Xianglan Piao, Yonggen Wu, Guanghui Yu,Jianguang Liu, Yuji Zhang, Daye Shanben, Xiangyu Piao, Meilan Shi, Meihua Piao, Lie Zhang, Xier Huang, Tian Huang, An Innovated Study on Prospering the Zhaoguang Ge's Primary Research & Activities in the Guanghua School of Management at Peking University & the Nations GDP Variation Analysis by Sustainability, WAR Journal of Multidisciplinary Bulletin, 2(4), 10~16, DOI:10.5281/zenodo.21363328

