

Review Article

Korea.

Searching for Developing Economic GDP etc. Innovation & Postdoctoral and Scholar Behavior & Judgement Published in Famous Journals with Regard to Cutting Edge Fields Sustainably

Run Xu^{1,3*}, Yonggen Wu^{2,3}, Wanhao Wu³ and Guanghui Yu³

¹Gyeongsang National University, College of Engineering, School of Nano New Materials, JinJu-Daero 501, JinJu-Si 52828, Gyeong Nam, Korea.

²Yantai University, Faculty of Electromechanical Engineering &Automotive, Yantai 26400, Shandong Province, China.

³Yantai Institute of Technology, Business management Dept., Yantai 264000, Shandong Province, China.

Received: 🗰 2025 Jan 01

Accepted: 🗰 2025 Jan 20

Published: 🗰 2025 Jan 25

Corresponding Author: Run Xu, Gyeongsang National

University, College of Engineering, School of Nano New

Materials, JinJu-Daero 501, JinJu-Si 52828, Gyeong Nam,

Abstract

The China GDP (Gross domestic product) has developed near times recently, so the practical meaning should be discussed throughout for our scholars to consider and make absolutely to go on maintaining its complexion. Maybe after seven years China could realize its modernization to occupy the top one position to wield its effectiveness in the world. At the same time the recruiting working can offer many opportunities to progress the schedule in order to affect its effectiveness and proceed many explorations like quantum computer's study and high technique's AI (artificial intelligence) programme and equipment. Only using both of them would we make our nationality to realize modernization of China economic complexion which has become this study's destination. We should continuously and frequently put our study to the sustainable research on Chinese GDP &cutting-edge technique up raising with sustainability. The scholar's publication with their behavior and judgement will be accepted and released by journal editors therein the research content can exhibit in hard-copy and soft-copy for exposing cutting edge technique research activity which may imply the current and future's research direction and content for us to consider and find. Therefore, we should realize and be aware that point whose efforts can last long time as for the scholar and researcher's activity like conference and publication in famous summit and journal. The conference and journal volume can be issued the cutting-edge content and technique knowledge and experience which reflects many sides of current research directions.

Keywords: Research, Developing, Finance, Statement, Economic, Scholar, Behavior, Judgement, Journal, Sustainably, Field, Cutting Edge

1. Introduction

The China Provinces GDP have increased recently ten times so that the detail discussions can be done in order to ordinarily know the reason and future forecast. As we know China has accelerated its developing step from 1993 to 2011 so what the ultimate factor is will affect the future situation among each economic community. Since China has enough elasticity to recover its big economic community the economic developing speed has approached American before COVID (Corona virus disease)-19 pandemic happened. But now Russia-Ukraine conflict and Palestine-Israel conflict even Syrian conflict happened the world economic complexion has occurred some. The America and Nato (North atlantic treaty organization) is able to acquire big military fee from them so that the America and Europe will continue to maintain their advantage in world as well. It has been a period to develop China economic level to continue complete progression for the sake of overwhelming American economic entity. Maybe after more than seven years China has to exceed USA becoming No. one occupation. [1-6].

We should stabilize to push our many policies to complete setting target sustainably and continuously so many innovative technologies will be owned and developed for leading to world economic situation. We still have much things to proceed like infrastructure, generator, vehicle making etc. projects to do attained a higher level and capacity. So, we still demand many scientists to make their contribution to our modernization promotion. The recruiting high technological scientists have to be maintained our scientific leading innovation. It can pay much time and endeavour to finish that aim continuously. So that much endeavour should be put for realizing our modernization sustainably that will be through our efforts to practise definitely and absolutely. We should realize and be aware that point whose efforts can last long time as for the scholar and researcher's activity like conference and publication in famous summit and journal. The conference and journal volume can be issued the cuttingedge content and technique knowledge and experience which reflects many sides of current research directions.

2. Discussions

2.1. Top Six Main Country GDP Ranking: The six big one's GDP list could exhibit in Table 1 whose value attains 21.3~5.0 trillion dollars by America, China, Japan in 2019 respectively. At the same time the China would reach 12.3% with the highest speed rate within 2017~2019 and the India arrives 3.8% speed rate with the third speed rate while the America retains 5.4% increase rate occupied the second one

on the whole. The America and China one occupied 34.9 trillion dollars totally which dominates 71.5% in those six main communities. On the other hand, the China and Japan difference will arrive 9.6 trillion dollars which explains the second one's economic communities revives rapidly and the third one is limited resource by the badly processing trade [1].

Year	America	China	Japan	Germany	Britain	India
2019	21.3	14.6	5.0	3.9	2.7	2.7
2017	20.2	13.0	5.0	3.9	2.7	2.6
у-о-у	5.4%	12.3%	0	0	0	3.8%

Table 1: The Top Six Main One's GDP List, Trillion Dollars (Unit)

The Britain, France has recorded the seventh eighth position with $2.7 \sim 2.6$ trillion dollars while Canada, Korea attains thirteenth one with $1.7 \sim 1.6$ trillion dollars accordingly in Table 2. On the other hand, the Canada has retained 6.2%

y-o-y highest speed rate while the Italy remains -5% y-o-y in 2019-2017. in addition, the Brazil attains 1.9 trillion dollars in 2017.

Year	Britain	France	Italy	Canada	Brazil	Korea
2019	2.7	2.6	1.9	1.7	-	1.6
2017	2.6	2.6	2.0	1.6	1.9	-
у-о-у	3.8%	0	-5%	6.2%	-	-

Table 2: The Top Seven Thirteen Main One's GDP List Trillion Dollars (Unit)

2.2. India & China Top Five Provinces GDP Comparison

The Guangdong, Shandong can dominate the first second GDP in 2016 with the highest 16.2~8.2 trillion yuan whose y-o-y attains the highest 185%~95% respectively according to Table 3. On the other side the Zhejiang can indicate 3.4

trillion yuan whilst the Henan indicates 2.8 trillion yuan in 2011. On the contrary the India GDP could afford 16.2 trillion yuan whose value may reach Guangdong province one in 2016 with y-o-y 26.6% [2].

Year	Gunagdong	Shandong	Jiangsu	Zhejiang	Henan	India
2011	5.6	4.2	5.3	3.4	2.8	12.8
2016	16.2	8.2	7.7	4.7	4.0	16.2
у-о-у	185%	95.2%	45.3%	38.2%	42.9%	26.6 %

Table 3: The India and China Provinces GDP Statistics Trillion Yuan (Unit)

2.3. Agricultural Mechanics Industry General Product

The agricultural mechanics industry general product has been displayed in Figure 1 where the tendency is about to raise gradually from 280 to 395 billion RMB in 2010~2014.

Meanwhile the times with 2014~2010 will arrive 1.4 ones. The increase speed ratio may approach 4% within 2014 and 2013.

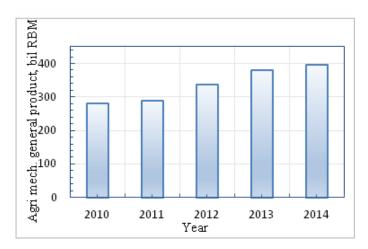


Figure 1: Agricultural Mechanics Industry General Product in China

Engineering and Applied Sciences Journal

Copyright © Run Xu

2.4. Singapore & China Cities GDP Comparison

The Singapore and Shanghai would lead to the first and second GDP amount with 52 billion USD~20 billion one whose y-o-y attains $13\%\sim0\%$ in 1992 accordingly in light of Table 4. Meanwhile the highest speed had been occupied

by Guangzhou and Shenzhen in turns which means their potential economic entity will be stronger. On the other hand, the deviation used here will retain $18.0\% \sim 8.6\%$ with the average one of 12.6%.

Year	Singapore	Shanghai	Beijing	Guangzhou	Shenzhen	India
1992	52	20	12.6	12.2	7.4	12.8
1991	46	20	12.7	8.6	5.6	16.2
1990	37.2	17.2	11.5	7.4	4.6	26.6 %
у-о-у	13%	0	-0.7%	42%	32%	26.6 %

Table 4: Singapore & China Cities GDP Analysis in 1990~1992

2.5. Graduate Examination Enrolling Analysis in 2025

In 2025 China graduate examination enrollment has largely reduced 500 thousand to attain 3.88 million. However, the recruiting amount will be 1.10 million one whose examination-free amount can provide 150 thousand [2]. The China undergraduate enrollment amount may arrive 4.8 million whose 985 university recruits about 200 thousand. In China there is the examination-free qualified ones to be about to become 367 units. There are other general units which is not 985 may divide the qualification enrollment of examination-free. In general, the Tsinghua and Perking university may surpass 50% while the eastern China five units can surpass 40% and only 5% is for general colleges.

2.6. CAFTA 3.0 (China – ASEAN Free Trade Area)

It will introduce new areas of cooperation as following in China-Asean trade 1. digital and green economy 2. supply chain connectivity 3. competition and consumer protect & MSMEs (micro, small and medium-sized enterprises) [7]. Meanwhile the cornerstone FTA (Free Trade Agreement) upgrade set to be signed in 2025. The new version to deepen commitments in existing areas as following 1. customers procedures and trade facilitation 2. standard, technical regulations & conformity assessment procedures 3. sanitary & phytosanitary. At the same time, the agenda would propose as below 1. pandemic posed challenges to global trade 2. negotiations to upgrade CAFTA launched in 2021, 3. agreed in 2024, and to be signed in 2025. The history of it would be as following. 1. first FTA for China; 2. First FTA for ASEAN with external partner; 3. signed in 2002. The first upgraded in 2014 and signed in 2015 has improved upon rules of origin, the customers procedures and trade facilitation, investment, economic and technical cooperation market access for services. On the other side the total investment amount between China and BRI partner countries reached 380 billion USD [8].

2.7 Five Futures Exchange in China

The five futures exchange will reduce relevant procedure fee from 2025 where it includes Shanghai Exchange Dalian Commodity Exchange Zhenzhou Commodity Exchange Guagzhou Futures Exchange China financial Futures Exchange [9]. Meanwhile the three aspects for promoting futures is proposing as following 1. reduce market participant exchange cost 2. promote futures market develop healthily 3. afford more excellent risky management service for entity economy. In 2023 China digital economic key industry had enhanced value to be breakthrough 12 trillion yuan occupied GDP rate 9.9%.

In order to reduce futures exchange cost and enhance its benefit the general regulation and risky control has to process necessarily and urgently for our investors & operation dealer to transact easily and beneficially. AI futures diagnosis tool can be used to predict its developing tendency for being faster and more precise which can bring out many chances of profit [1-10].

3. Conclusions

The AI technique speed etc. Cutting edge, one has developed more rapidly than expectation, so that we need to control with stably developed speed. The scholars like PhD, postdoctoral one &scientist can solve the technological knowledge and experience through their accumulated one, so they can provide important role with designing and producing product like atomic bomb etc. high technological field whose leading effectiveness is proven by us frequently. There are many doctor graduated from American famous university can resolve the theoretical formula in order to simulate the atomic force network which may provide an important information and message before we process manufacturing procedure, so it may indicate the general size in light of force which affords us the general design parameters usefully. whereby we can avoid many times experiment even producing course deviation which may save many people labour and lots of expense. On the other hand, the economic income for general man may attain through spending financial expense like recent golden price which can be affected through stabilizing world political situation, once there is war etc. accident it will indicate under controlling price increase which may bring out many chances by gambler like American & European organization. Thereby we must appropriately control economy even technique's rapider forwards speed from all of our efforts at all within our destination. Thereby we should realize and be aware that point whose efforts can last long time as for the scholar and researcher's activity like conference and publication in famous summit and journal. The conference and journal volume can be issued the cutting-edge content and technique knowledge and experience which reflects many sides of current research directions.

Citation: X, Run., W, Yonggen., W, Wanhao., Y, Guanghui. (2025). Searching for Developing Economic GDP etc. Innovation & Postdoctoral and Scholar Behavior & Judgement Published in Famous Journals with Regard to Cutting Edge Fields Sustainably. Eng Appl Sci J, 2(1), 1-4.

Engineering and Applied Sciences Journal

References

- 1. Tan, Q., Ao, Y., Teng, L. (2024). Utilizing Baidu Index Data to Investigate the Spatiotemporal Characteristics of Public Concern towards Lifelong Education. *Quality in Sport*, 27, 55688-55688.
- 2. Jiang, Y., Fu, Q. (2025). Use of the Baidu Index to Analyze Spatiotemporal Characteristics of Online Attention to Adult Education. *Journal of Education, Health and Sport*, 77, 56777-56777.
- LAI, S. L. (2011). In Search of Excellence–Google vs Baidu. International Journal of Humanities and Social Sciences, 5(12), 1970-1973.
- Han, J., Deng, S., Lo, D., Zhi, C., Yin, J., et al. (2021, May). An empirical study of the landscape of open source projects in Baidu, Alibaba, and Tencent. In 2021 IEEE/ACM 43rd International Conference on Software Engineering: Software Engineering in Practice (ICSE-SEIP) (pp. 298-307). *IEEE*.
- Tan, Q., He, F., Teng, L. (2022). Using Baidu index to investigate the spatiotemporal characteristics of knowledge management in China. Scientific Bulletin of Mukachevo State University. Series "Economics", 3(9), 48-

55.

- 6. Zhang, H., Liu, L., Tossenou, C. B. (2020). Enterprise Strategy Logic and Strategic Selection in the Context of Big Data: A Study based on Baidu Company. *International Journal of Performability Engineering*, *16*(3), 490.
- 7. Wang, N. (2008). Control of Internet search engines in China--A study on Google and Baidu.
- Liu, C., Zhao, C., Wang, W. (2018). Internet AI Technology and Its Impact on China's High Education. In Design, User Experience, and Usability: Designing Interactions: 7th International Conference, DUXU 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018, Proceedings, Part II 7 (pp. 62-72). Springer International Publishing.
- 9. Guo, Y., Yan, D., Zhang, W. (2015). Baidu. Com's Case Study—Pros and Cons of Web Site Ranking Service Under Chinese Anti-monopoly Mechanism. *Research on Selected China's Legal Issues of E-Business*, 3-10.
- 10. Chen, D., Kong, X. (2011). The Advantages and Risks of Website Ranking Service Under Chinese Antitrust Mechanism-Take Baidu. com for Example. *Contemporary Logistics*, (5), 3.

Citation: X, Run., W, Yonggen., W, Wanhao., Y, Guanghui. (2025). Searching for Developing Economic GDP etc. Innovation & Postdoctoral and Scholar Behavior & Judgement Published in Famous Journals with Regard to Cutting Edge Fields Sustainably. Eng Appl Sci J, 2(1), 1-4.