Global Scientific and Academic Research Journal of Multidisciplinary Studies
ISSN: 2583-4088 (Online)
Frequency: Monthly
Published By GSAR Publishers
Journal Homepage Link- https://gsarpublishers.com/journals-gsarjms-home/

The Research of GDP indicator and High-Technique Products like Pharmacy &Automobile on Fellows Publishing in Famous Journals Sustainably

By

Run Xu[1], Wanhao Wu[2]

[1]Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongsangnam-Do, Korea (Rep)

[2]Yantai Institute of Science &Technology, Business &Management Dept., Yantai 264005, Shandong Province, China

Article History

Received: 08/07/2025
Accepted: 15/07/2025
Published: 17/07/2025

Vol – 4 Issue –7

PP: - 82-86

Abstract

With developing economy the GDP(gross domestic product) will exhibit its strong role in one province even a country which as an indicator of economy development level expressed its effectiveness in all of our economy activities like the income status, foreign export and import trade, infrastructure erection etc. many aspects. So that the fitting increase aim will be becoming an important factor to a country and a region which needs us to consider prudently and make corresponding plan in advance for the sake of progressing our economy promotion urgently and rapidly. Meanwhile, largely investing in high-technique field can make our a series of industrious chain get developed which may employ more relevant talents even experts to participate those high-technique erection and manufacturing behavior, so that it could enhance the employment rate to decline government burden and leisure labor. So we should hear the comment from the scientist and experts who has enough experience to interpret the currently meeting problem divided into the economy and high-tech aspects specially the latter will create many innovation idea and path for our engineers to participate into the projects made by government institution. Overview, the speciality will make speciality creation so those experts can innovate new feasibility for producing many high-tech products continuously and sustainably. The sophisticated product need corresponding skill and experiences so paying so much attention to it will become an important and significant meaning. There the more experts and following engineers will be maintained and educated by the university and manufacturer so supply the qualified engineers would be chosen from a lot of new graduate from college or university. So the human resource and leader could choose from the abroad famous scientist and scholars who proceed the that innovation project fluently and have many years experience after they graduated and acquired MS(master of science) and PhD degree.

Keywords: *search for; GDP indicator; pharmacy; automobile; innovation; high-tech product; fellows; famous journal; publishing; sustainably*

1. Introduction

From the nineteenth to last century the industry reformation can generate with the three industries reformations so that the industry development met the rapidly developing step. There are many technique products formed in makers flowing into modern society which may be convenient relatively to our life quality like AI and Robot etc. innovation products. So we should make sure that the continuously producing those cutting-edge-field ones from university to manufacturer, so that the experimental skill will transfer into the factory for the sake of producing more automatic and wisdom ones who may replace us for proceeding many functional activity rapidly. Therefore, we need the soul of R &D(research &development) department human resource to make new robot from the mechanical, electric and electronic three aspects which really needs many experts and engineers to wield their wise force to form those automatic robots in final. [1~5]

In the field of pharmacy making, the more molecule would be constructed and apply to experimental trial for the sake of monitoring and evaluating their pharmacology analysis. So that many anti-cancer drugs may be created by us so as to maintain the patients life and cure in final. All those need

*Corresponding Author: **Run Xu**

many doctors and researchers continue to develop new drugs urgently which may arrange in drug department in medicine and R &D manufacturer in advance through regulating more capital and experts to those business division. Overall, the excellent fellows and scientist could be recruited in time so as to proceed those owning big capital and time works as early as possible.[6~14] So that to enhance the engineer and experts cooperation within the certain project will be able to help our engineer to complete their task and aim under ensuring the directional correct so as to avoid the wrong method and road. As we know the declining the cost will be the starting point as to the new product, and then the human being and materials process will be declined as well specially the latter which is plenty of sophisticated work for us to seek the fitting one and process to complete one with so many engineers and OEM(original equipment manufacturer).

2. Discussions

As for the economy development and energy consumption, the green energy with low carbon contamination will be necessary and important, which can affect the GDP largely in future, so we should analyze the GDP content included how much innovation product are produced and whether those value may progress the future low-coal industry, employed how many talents etc. actual problems. Then the right corrective measure can be erected specially in those most careful problem for the sake of protecting natural from over-population for the next generation.

2.1 Pharmacy companies analysis in the world

The pharmacy companies would display No. 87~100 ones in Table 1 with 7.7 billion dollars~6.8 billion dollars by Verona pharma~Alkem laboratories company accordingly. Meantime, the ones above 7.5 billion dollars can have three companies which are Corcept therapeutics and Grifols occupied the second~third position correspondingly and additionally in 2025. At the same time, the above 7.0 billion dollars ones have 10 companies in that ranking totally expressed the most market capacity there. In contrast, there are four China drug companies like No. 91、93、97、99 to be entry the rank explaining the certain China ones' entity and potential power.

Table 1 The Pharmacy companies top 87~100 ranking [1]

Rank	Name	Market Capacity, BD	Rank	Name	Market Capacity, BD
87	Verona pharma	7.7	94	Elanco	7.2
88	Corcept therapeutics	7.6	95	Financiere de tubize	7.1
89	Grifols	7.6	96	Revolution medicines	7.0
90	Roivant sciences	7.4	97	Haisco pharmaceutical group	6.9
91	Shenzhen salubris pharmaceuticals	7.3	98	Ionis pharmaceuticals	6.8
92	Caris life sciences	7.3	99	Tong ren tang	6.8
93	Sinopharm	7.3	100	Alkem laboratories	6.8

2.2 Leap Automobile sale number in January~June, 2025

The Leap company would exhibit 25.1~48 thousand ones in the former six months, 2025 by Jan.~June accordingly in terms of Table 2 whose maximum variation arrive 1.9 times between them explained the latter's strong vehicle making capacity. Meantime, the total number in that half a year attained 221 thousand autos. In contrast, the chain relative ratio provided the maximum 47.2% in March which becomes the biggest speed in all of those six months. At the same time, the 0.39% little speed could be finished in February, 2025 exhibited weak capacity of vehicle making.

Table 2 The Leap Automobile sale amount in the first half, 2025, thousand(units). [2]

Month	Jan.	Feb.	Mar.	Apr.	May	June	Total
2025	25.1	25.2	37.1	41	45	48	221
Chain relative ratio	-	0.39%	47.2%	10.5%	9.7%	6.7%	-

2.3 Part Automobile company sale amount in the half of 2025

The part Auto companies' sale amount in the first half of 2025 would show 2.4~0.6 million by BYD~Changcheng Auto whose maximum rate can afford 4 times with big variation. Meantime, the above 1 million ones could indicate Sh Auto Group, Chian first Auto, Geely, Changan, Chery in turns explained the most auto companies.

*Corresponding Author: **Run Xu**

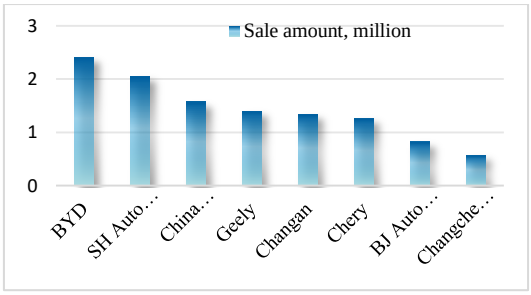

Figure 1 The part automobile company sale amount in the half of 2025. [3]

2.4 Entire top 15 deputy provincial cities GDP per capita

The entire top six deputy provincial cities GDP per capita would 29,000~15,000 yuan be Xiamen~Dalian cities in 1997 in light of Figure 2 where the maximum time can afford 1.9 times between them. In contrast, the above 15,000 yuan ones will indicate Shenzhẹn Guangzhoụ Hangzhou respectively expressed their strong economic status and entities as well. At last the Ningbo and Dalian ones might align with 16,000~15,000 yuan zone.

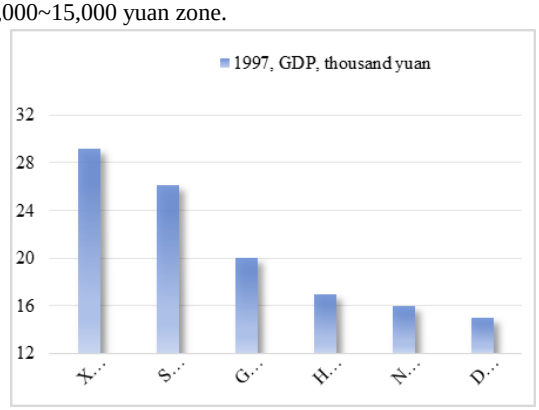

Figure 2 The entire top 15 deputy provincial cities GDP per capita in 1997. [4]

Moreover, the entire top 7~15 cities GDP per capita would exhibit 13,000~7,300 yuan by Jinan~Xi'an city in 2024 accordingly in light of Figure 3 in 1997. The biggest times can indicate 1.78 time with middle value between them there. In contrast, the more than 10,000 yuan ones might be Nanjing, Wuhan, Shenyang and Qingdao city expressed their economy entity and explosiveness power while the Changchun~Xian has vibrated in 7,000~8,000 yuan then.

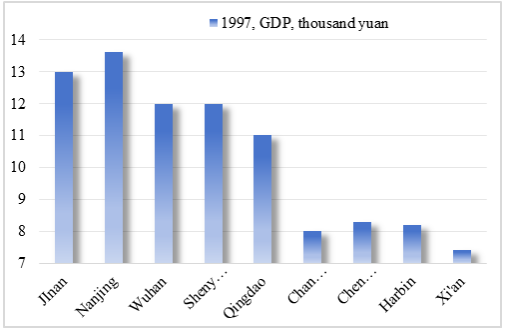

Figure 3 The entire top 7~15 deputy provincial cities GDP per capita I in 1997. [4]

2.4 2026 QS global university rank

The 2026 QS world universities ranking would exhibit the HongKong U~Tsinghua U occupied top 11~17 accordingly in Table 3 where the China Perking U and Tsinghua U dominated top 14 &15 ones respectively expressing their strong entity and capacity. Meanwhile the USA occupied three ones in top 11~17 universities rank explaining their strong capability. In final, the Hong Kong &Singapore had one university accordingly to be entry that rank following China.

Table 3 2026 QS world university rank with top 11~17. [5]

Rank	Name	Nation	Rank	Name	Nation
11	HongKong U	Hong Kong	15	U of Pennsylvania	USA
12	SIT	Singapore	16	Cornell U	USA
13	Chicago U	USA	17	Tsinghua U	China
14	Perking U	China			

2.5 Global semi-conductor demand in historical sale amount &prediction

The global semiconductor demand in 2024 and 2025 evaluation will display 1.2 billion~0.54 billion with handphone~smart wear in Table 4. Meantime, the evaluated ones indicate 1.26 billion~0.63 billion by them accordingly in 2025 with y-y value 2.3%~6.3% respectively. Therein, the i-pad maintains the most y-y value with 15.3% expressing the good perspective while the handphone provide 1.26 billion according to the evaluation in 2025 explaining the most amount there with the lower speed. In contrast, the smart wear may occupy more amount and speed in evaluated 2025 while the Auto dominates 3.3% speed with 98.4 million amount expressed its strong entity and explosiveness force.

Table 4 The global semi-conductor demand in historical sale amount &prediction [5]

Smart terminal	2024	2025E	y-y, %
Handphone, B	1.2	1.26	2.3
PC, B	0.26	0.27	4.2
i-pad, B	0.14	0.17	15.3
Auto, million	95	98.4	3.3
Server, million	16	16.9	5.0
Smart wear, B	0.54	0.63	6.3

Furthermore, the global semiconductor demand in 2022 and 2023 will display 1.2 billion~0.49 billion with handphone~smart wear in Table 5. At the same time, the ones indicate 1.16 billion~0.5 billion by them accordingly in 2023 with y-y value -3.4%~1.8% respectively. Herein, the i-pad maintains the least y-y value with -20% expressing the bad fortune while the handphone provide 1.16 billion according to

*Corresponding Author: **Run Xu**

the data in 2023 explaining the most amount there with the lower minus speed. In contrast, the smart wear may occupy more amount and speed in 2023 while the Auto dominates the higher 11.7% speed with 92 million amount expressed its strong entity and force.

Table 5 The global semi-conductor demand in historical sale amount &prediction I [5]

Smart terminal	2022	2023	y-y, %
Handphone, B	1.2	1.16	-3.49
PC, B	0.29	0.25	-12.7
i-pad, B	0.163	0.13	-20.8
Auto, million	82.9	92.4	11.7
Server, million	14.9	15.2	2.1
Smart wear, B	0.49	0.5	1.8

In short, there the more experts and following engineers will be maintained and educated by the university and manufacturer so supply the qualified engineers would be chosen from a lot of new graduate from college or university. So the human resource and leader could choose from the abroad famous scientist and scholars who proceed the that innovation project fluently and have many years experience after they graduated and acquired MS(master of science) and PhD degree. We should respect them since they grasp the newest scientific information in one or two fields, so the closely collaborative relationship could be proceeded sustainably for the sake of applying their wisdom and experience, knowledge to the urgent item like producing new products into the current society.

3. Conclusions

With developing economy the GDP will exhibit its strong role in one province even a country which as an indicator of economy development level expressed its effectiveness in all of our economy activities like the income status, foreign export and import trade, infrastructure erection etc. many aspects. So that the fitting increase aim will be becoming an important factor to a country and a region which needs us to consider prudently and make corresponding plan in advance for the sake of progressing our economy promotion urgently and rapidly. Meanwhile, largely investing in high-technique field can make our a series of industrious chain get developed which may employ more relevant talents even experts to participate those high-technique erection and manufacturing behavior, so that it could enhance the employment rate to decline government burden and leisure labor. So we should hear the comment from the scientist and experts who has enough experience to interpret the currently meeting problem divided into the economy and high-tech aspects specially the latter will create many innovation idea and path for our engineers to participate into the projects made by government institution. Like AI(artificial intelligence) robot as an important high-technique equipment who may process many men-like activities can bring out new reformation in our world. Meanwhile, they would imitate human being to do running, fighting, climb, flip etc. complicated activities which exhibits the top AI skill and level like Yushu Technique. All those focus on the software AI and Body combination, so the launch producing will meet the cost problem ie. Price. U.S. Open AI's robot sells several ten thousand dollars while China Yushu Tech only sells one hundredth.

Foundation

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

Conflict of Interest

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

References

1. Tencent News, Wechat, July 6,2025, Internet
2. Tencent News, Wechat, July 6, 2025, Internet
3. Auto, Wechat, July 6, 2025, Internet
4. Cities GDP, News, Wechat, July 6, 2025, Internet
5. Semi-conductor sale amount &prediction, Wechat, July 8, 2025, Internet
6. Shanghai Huizheng Finance, Wechat, July 4, 2025, Internet
7. Run Xu , Jiaguang L, Kim SangShik, Seol JaeBok , Sung Jaekyung, Nam TaeHyeon , Ahn HyoJun, Dynamics Equations of Power and Force on Wind Speed and Mass Parameters of Wind Turbine Blades I, TESS Res Res Rev, 2023, 2(1): 109 EI
8. Run Xu, Yonggen Wu, Jing Yu, The Modeling between Propulsion Force & Speed and Blade Rotation, Raduis & Inclination in Helicopter, International Journal of Engineering Inventions, 2023, 12(4): 1-10 Google Scholar, ESCI, Impact factor 7.2
9. Run Xu, Seol JaeBok, Kim Sangshik, Cho KwonKoo and Wu YongGen, Modelling between Propulsion Force and Speed and Blade Inclination Radius Rotation and Angle Parameters of Five Blades in Helicopter, TESS Res Res Rev, 2023, 2(1): 111
10. Run Xu, Kim JG, Nam TaeHyeon, Sung HK, Kim SS, Seol Jaebok, Yu Jing and Wu YongGen, The Modelling Between Propulsion Force, Speed and Blade Rotation and Radius Parameters in Five Blades of Helicopter, TESS Res Res Rev, 2023, 2(1): 112 EI，SCOPUS
11. Run Xu, Kim JG, Cho KwonKoo, Sung Jaekyung, Ahn IS and Wu YongGen, Modelling Between Propulsion Force, Speed and Blade Inclination, Radius and Rotation Parameters with Five Blades in Helicopter I, TESS Res Res Rev, 2023, 2(1): 113
12. Run Xu, Yu Jing and Wu YongGen, The Modelling Between Propulsion Force and Blade Rotation, Power, Gravity and Radius Parameters in Five

*Corresponding Author: **Run Xu**

Blades of Helicopter II, TESS Res Res Rev, 2023, 2(1): 114

13. Run Xu, Kim Sangshik, Reddy N Subba, Kim Younwook and Liu Jiaguang, The Modelling Between Propulsion Force, Acceleration, Radius and Rotational Speed Parameters in Five Blades of Helicopter III, TESS Res Res Rev, 2023, 2(1): 115
14. Run Xu, The Relationship of Properties with Variable Mass of Block on Crank Linkage Mechanism in Multibody System, (American) SunText Review of Material Science, 2021,S1: 105 Crossref,Goolge scholar, Scilit