

# UAI JOURNAL OF MULTIDISCIPLINARY & CULTURAL STUDIES

## (UAJMCS)



Abbreviated Key Title: UAI J Mult Cul Stu.

ISSN: 3049-2351 (Online)

Journal Homepage: <https://uaipublisher.com/uajmcs-2/>

Volume- 1 Issue- 6 (November-December) 2025

Frequency: Bimonthly



### A Research of Developed Ones' GDP Change & y-y Speed and Publishing Papers in Famed Journal on Fellows and Scholars Judgement & Decision-Making Capacity with his Experience & Knowledge Sustainably

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#### ABSTRACT

*The GDP (gross domestic product) change will indicate one region and country economy strength which may be compared with different ones so that the total amount can represent the strong and weak ranking within a certain time. Meanwhile its y-y will represent the development speed which may show the rapidness and slowness. So knowing one value in one time can help us to analyse its cause and status for regulating the future speed for the sake of generally bring out the reasonable one stably and continuously. So the experts effort and wisdom will determine the predicted speed through using economic knowledge and experience at all. At the same time, the Auto making capacity will display the strongly cars making status in China market even overseas market and new energy car may emerge continually to take place of the traditional cars. The secondary mechanical reformation is meeting the eminently challenge in this 21st early, so whether that innovation may pass through the future requirement let us see forwards. Undoubtedly the new force cars will become the final winner because it has low carbon fuel and carbon composition to make sure the environmental clean problem relevant to the climate change for next generations. So the hydrogen fuel and one time energy will make an important effectiveness to decline the carbide and nitrogen oxide generation definitely and absolutely. Thereby, the relevant academy paper would be written and proving materials must be completed by scholar and scientists sustainably for the sake of preventing us from detrimental gas. We should rapidly proceed the resist-carbon fuel experiment and found new fitted ones like hydrogen fuel etc safe materials and one-time like photovoltaic energy and wind turbine one & some hydraulic power plant beside the nuclear power reaction piles. Thereby, the scientists' decision making capacity will influence our dealing money behavior where advance technology like high-tech producing one and financial transaction decision etc. may become a key effectiveness whatever situation can happen. We should clarify that the experience will become an important one in our decision making correct with dealing important capital, so not only experience but also knowledge may affect our judgement level and capacity, special in the expert with full experience can complete it satisfactory than less one. So we should educate, reserve, find them from all over the path for the*

*sake of wielding their experience and wisdom for us to learn the way to approach and chase them who may become later the academician, Nobel prize etc. important ones. We should review them through proving and manifesting what they do by now and know what they are able to do in future.*

**KEY WORDS:** developed ones; GDP change; high-technology producing; judgement & decision making capacity; amount and y-y speed; publishing paper in a journal; sustainably; fellows & scholars; experience & knowledge

## 1. Introduction

In current society the high-technique products will be dominated by others to become a strong force to push the society to develop continuously and sustainably, so the scientist and scholars will become an important factor to play in every place to proceed the relevant research and study on the hot point frequently. So that publishing achievement papers may provide a strong force to support the future life-level like climate change and public sanitation for benefiting the world human in future. We should go on searching for innovation papers include in the latest high-technique product research like clean energy and new one to push many lots of skill to make different cutting-edge-field product continually. As we knew the current climate problem will be derived from the contaminating factory and automobile, so the new energy should occupy the first significant position for our scholar & scientist and experts to sustainably search and make measure to solve it from variation views which may help us to think about more factors to replace the problems mutually. We might align the measure from one view to different one to proceed simulate to judge the first and the second even third method to solve it for the sake of once happening the problem accident there will be another method to replace it in urgency. [1-6] So we put our eyes too long not only viewing the current status but also looking at the longer years like fairy tale cinema which provide future world several hundred years later. We may interest in those splendid scenery and consider the usefulness and make some experiments to trial the feasibility, like the flight automobile which pass by the high buildings and make a dormitory in the one. There will not earth surface auto and all the auto can become flight one which is a future plan by USA fairy cinema maker. There may be not contamination gas and all of atmosphere is electric power and hydrogen fuel even small nuclear reaction pile as an engine. So we must emphasize the current energy exploitation and found so as to predict to make a plan to prepare the future infrastructure and write more paper with innovation method to arouse the future contribution. With the GDP enhancement we should not avoid to enter the ideal world with many robots in AI (artificial intelligence) software and automobiles with intelligent driving time many decades years later, so we prepare to afford the controlling skill to fix robots logical life and automobile matters with those high energy fuel. As to the former the controlling will be proceeding from now on and its equipment needs to enter our live life many years later and the latter will experience safe driving course with no accident. Those problems will must think about by us in advance or the error ones and accident may occur by then. [7-13]

## 2. Discussions

With the GDP and high-tech product combination the society may enter a new world with low carbon time, so our scientists should make continual effort to push the innovation stage step by step. At the same time, the live gradually and smoothly is about to be entering the modern intelligent time which let our learning ability and quality access a high stage continuously. We will look forwards to creating

AI modern society and forming green energy supporting one. Therefore, we must do our best endeavors to realize a prosperous and boosting future society through wielding our sustainably creative dynamics to make our GDP and automobile with low carbon fuel destination to try a bid. We should make the high quality and level papers to exhibit in journal constantly by the professor and researches in university and maker which might bring out innovation method frequently. [14-23]

### 2.1 Introduction to the Scholars International Journal of Chemistry and Material Sciences & Innovative Insights in Case Reports and Reviews

As for researchers, academicians, and practitioners the Scholars International Journal of Chemistry and Material Sciences (SIJCMS) is welcoming the innovation one necessarily as a peer-reviewed open-access journal, invites high-quality original research papers, reviews, discussion papers, viewpoints, mini-reviews, and short communications for publication in upcoming issues. Our journal is dedicated to advancing within the whole field of chemistry and material sciences and their related fields. At the same time, our scope of the journal welcomes submissions in, but not limited to, the following areas. physical chemistry, analytical chemistry, biochemistry, organic chemistry and inorganic chemistry, materials chemistry, theoretical chemistry, macromolecular (polymer) chemistry, nuclear chemistry, forensic chemistry, medicinal chemistry, metallurgy, aerospace, automotive, manufacturing, nuclear industry, oil and gas, pharmaceuticals, telecommunications, earth sciences. [1]

On the other hand, we recently came across your work titled "The Innovative Medicine Policy and Finance in Epidemic of Covid-19", and we believe your expertise could make a valuable contribution to our journal, Innovative Insights in Case Reports and Reviews (IICRR). The IICRR is a peer-reviewed, open-access journal dedicated to publishing high-quality case reports, reviews, and original research across diverse medical disciplines. The reason for publishing with us might involve the following aspects. 1. Global open access and visibility; 2. Rigorous double-blind peer review; 3. Prompt publication after acceptance; 4. Cheap publication fee. If you have a case report, review, or research article ready, we would be glad to consider it for our upcoming issue. [3]

### 2.2 Subject for American Journal of Engineering Research

It is an open access scholarly, online, peer-reviewed, interdisciplinary, and fully refereed journal, ISSN-2320-0827. Please submit your research paper to that journal. We heartily welcome all the authors from the world to join us for submitting your cherish one to here. We are pleased to notify you that AJER **Publication** is going to launch its next issue (Volume 14, Issue 08, August, 2025). We would like to invite you to contribute your research paper for publication. Papers published in AJER Journal will receive very high publicity and acquire a very high reputation. The journal covers all areas of engineering & technology and many more for details please ask us. Therein, we publish original research articles, review articles

and technical notes. The journal reviews papers within a week of submission and publishes accepted articles on the internet immediately upon receiving the final versions. Our fast review process is our strength. Authors are requested to prepare their manuscript in a given template at AJER Publication. [2]

**2.3 The Korea &Japan GDP ranking I**

The Korea &Japan, China &India GDP y-y value per year will show as 21%~2% by Shandong ~Aichi-Ken in Figure 1 while their variation times attained about 10 in 2013 accordingly to express the former ie. the Shandong Province in China quickest economic development speed. Thereby, the beyond 4% ones had three which included Shandong in China Tamil nadu in India &Gyeonggi Do in South Korea in turns then exhibited their strong entity while the Tokyo Seoul Osaka remained 2%~3% zone all of them.

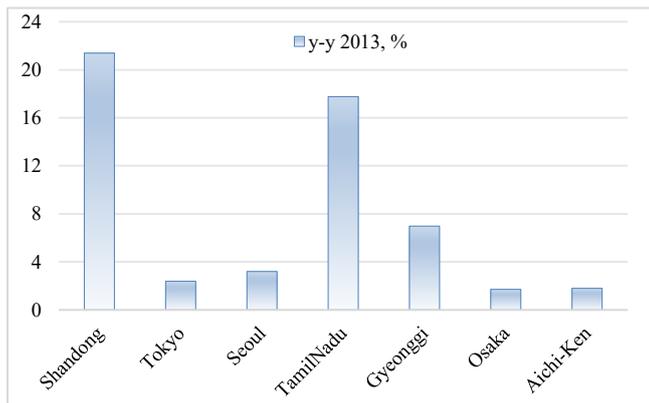


Figure 1 The Korea &Japan’s GDP y-y per year analysis in 2013. [4]

At the same time, the Korea &Japan, China &India GDP value will show as 770~70 billion US Dollars by Tokyo~Tamil Nadu in Figure 2 while their variation times attained more than 10 in 2006 accordingly to express the former ie. the Tokyo city in Japan quickest economic developed status Therefore, the beyond 200 billion dollars ones had six which included Shandong in China Seoul Osaka Aichi-Ken in Japan &Gyeonggi Do in South Korea in turns then exhibited their strong entity while the Tamil Nadu remained only 70billion dollars then.

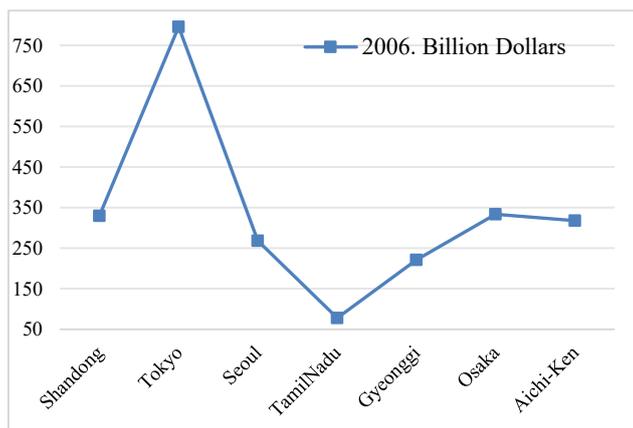


Figure 2 The Korea &Japan’s GDP analysis in 2006. [4]

**2.4 The Japan &China GDP variation**

The Japan and China’s GDP variation will show 490 billion yuan &115 billion yuan in 1969 in terms of Figure 3 where the times might attain 4.0 to express the Japan strong economy developed one. On the other side, their y-y value per year might exhibit -16% &30% by China &Japan correspondingly explained the Japan rapidly development speed in then.

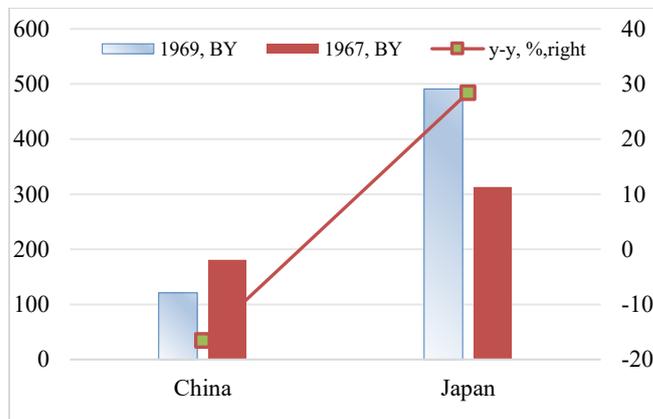


Figure 3 The China &Japan’s GDP analysis. [5]

Meantime, the Japan and China’s GDP variation will show 40 trillion yuan & 53 trillion yuan in 2010 in terms of Figure 4 where the times might attain 1.3 with little variation to express the China strong economy developed one. On the other side, their y-y value per year might exhibit 28% &8% by China &Japan correspondingly explained the China rapidly development speed in then. In contrast, the y-y value in China &Japan remained 25% &-4.3% in 2010 to exhibit the former ie. China more rapid development speed at all.

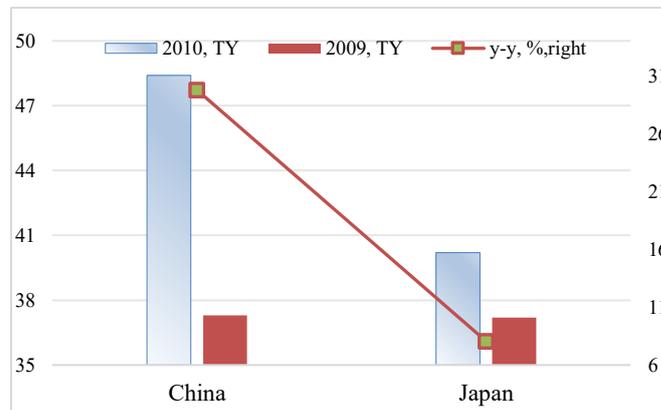


Figure 4 The China &Japan’s GDP analysis I. [5]

At last, the China &Japan GDP might show 132~30 trillion yuan in 2024 in terms of Figure 5 where the variation times attained above four to explain the China economy strong community as No. Two. In contrast, the one beyond 100 trillion yuan was China in 2020 &2024 both while the Japan remained minus growth and little speed then. Moreover, the y-y China &Japan in 2024 retained 3.2% &-1.3% respectively with exhibiting the middle step speed.

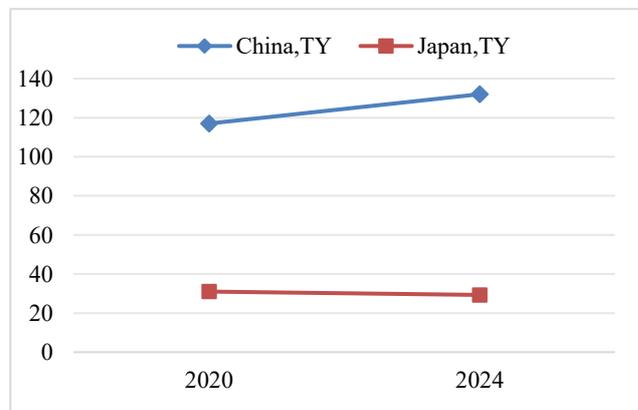


Figure 5 The China &Japan’s GDP analysis in 2020~2024. [5]

### 3. Conclusions

The GDP(gross domestic product) change will indicate one region and country economy strength which may be compared with different ones so that the total amount can represent the strong and weak ranking within a certain time. Meanwhile its y-y will represent the development speed which may show the rapidness and slowness. So knowing one value in one time can help us to analyse its cause and status for regulating the future speed for the sake of generally bring out the reasonable one stably and continuously. So the experts effort and wisdom will determine the predicted speed through using economic knowledge and experience at all. At the same time, the Auto making capacity will display the strongly cars making status in China market even overseas market and new energy car may emerge continually to take place of the traditional cars. The secondary mechanical reformation is meeting the eminently challenge in this 21<sup>st</sup> early, so whether that innovation may pass through the future requirement let us see forwards. Undoubtedly the new force cars will become the final winner because it has low carbon fuel and carbon composition to make sure the environmental clean problem relevant to the climate change for next generations. So the hydrogen fuel and one time energy will make an important effectiveness to decline the carbide and nitrogen oxide generation definitely and absolutely. Thereby, the relevant academy paper would be written and proving materials must be completed by scholar and scientists sustainably for the sake of preventing us from detrimental gas. We should rapidly proceed the resist-carbon fuel experiment and found new fitted ones like hydrogen fuel etc safe materials and one-time like photovoltaic energy and wind turbine one &some hydraulic power plant beside the nuclear power reaction piles.

#### Conflict of Interest

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

#### Foundation

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

### References

1. E-Mail, Oct. 3, 2025, Internet
2. E-Mail, Oct. 7, 2025, Internet
3. E-Mail, Oct. 6, 2025, Internet
4. The Korea Japan GDP rank, Wechat, Tencent News, Oct. 7, 2025
5. China &Japan GDP ranking, Tencent News, Oct. 7, 2025
6. 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,Google scholar, Scilit**
7. Run Xu, Boyong Hur, A Simulation between Torque and Angle with Speed on Five Freedoms of Robot Mechanical Arm in Multibody Systems, **Saudi Journal of Civil Engineering**, 2021, 5(5): 91~93 **Impact factor 1.2**
8. Run Xu, Boyong Hur, The Relationship between Force and Time with Lagrange Equation by Regulating Piston Mass on Crankshaft of Vehicle, **Saudi Journal of Engineering and Technology**, 2021,6(4): 73-76 **Impact factor 1.2**
9. Run Xu, Jiaguang Liu, The Kinematics Model Establishment of Crank and Linkage with Time under Low Speed in Vehicle, 2021,6(4):67~72,**Saudi Journal of Engineering and Technology**, 2021,6(4): 57~61, DOI: 10,36348/sjet,2021,v06i04,004 **Impact factor 1.2**
10. Run Xu, The Kinematic Models of Crank with Angle and Time in Motor Housing Process, **(American) SunText Review of Material Science**, 2021, S1: 104, DOI: <https://doi.org/10.51737/2766-5100,2021,S1,004> **Impact factor 2.6, Scilit, Crossref, Google Scholar**
11. Run Xu, The Modelling between Force & Torque and Crank Angle on Crank Linkage of Engine in Vehicle by Lagrange Formula I, **Scholars International Journal of Chemistry and Material Sciences**, 2021, 4(4): 36-39,DOI: 10,36348/sijcems,2021,v04i04,005
12. Run Xu, The Dynamic Modelling of Vortex Axis Blade between Speed, Force and Rotation under Variable Angle & Power in Helicopter, **(American) SunText Review of Material Science**, 2021,S1: 103 **Impact factor 2.6, Scilit, Crossref, Google Scholar**
13. Run Xu, The Study of Relationship between Current and Acceleration on Simulation in Motor, **(American) SunText Review of Material Science**, 2021, S1: 101, DOI: <http://doi.org/10.51737/2766-5100,2021,S1,001> **Impact factor 2.6, Scilit, Crossref, Google Scholar**
14. Run Xu, Modeling Control and Analysis between Force and Time, Length, Diameter& Stress in Forging Process of Screw, **(American) SunText Review of Material Science**, 2021, S1: 102, DOI: <https://doi.org/10.51737/2766-5100,2021,S1,002> **Impact factor 2.6, Scilit, Crossref, Google Scholar**
15. Run Xu, The Relationship between Volume & Pressure and Rotation & Torque in Engine Cylinder, **Saudi Journal of Engineering and Technology**,Nov, 2020, 5(11): 48 4-485, DOI: 10,363 48/sjet,2020,v05i 11,015 **Impact factor 1.2**
16. Run Xu, The Kinematic Models of Crank with Angle and Time in Motor Housing Process, **Saudi Journal of Engineering and Technology**,Nov, 2020, 5(11) : 474-479, DOI : 10,36348/sjet ,2020,v05i 11,013 **Impact factor 1.2**
17. Run Xu, The Relationship between Volume and Pressure to Rotation & Torque in Engine Cylinder, **Social Science learning Education Journal**, 2021, 6(2), 364-367, DOI <https://doi.org/10.15520/sslej.v6i2.2753>
18. Run Xu, The Relationship between Force and the Temperature & Length within one Cycle in Engine Cylinder, **Saudi Journal of Engineering and Technology**, Nov, 2020, 5(11): 457-459 DOI : 10,36348/sjet,2020,v05i11,010 **Impact factor 1.2**
19. Run Xu, The Chinese Advantages Compared with Developed Country in New and Old Energy Converting & Manufacture Technology, **Saudi Journal of Engineering and Technology**, Nov, 2020, 5(11): 410-412, DOI : 10,36348 /sjet,20 20,v05i11,001 **Impact factor 1.2**
20. Run Xu, Research on the Automatic Production & Equipment in Korea Japan and China, **Saudi J Eng Technol**,

Nov, 2020; 5(11): 416-418, DOI : 10,36348/sjet, 2020, v05i11,003 **Impact factor 1.2**

21. Run Xu, Simulation of Harmful Fuel Inflamer through Outlet & Maximum Pressure in Cylinder with Temperature in Engine of Vehicles, Saudi Journal of Engineering and Technology, Oct, 2020; 5(10): 407-409, DOI : 10,36348/sjet,2020,v05i10,008 **Impact factor 1.2**
22. Run X, Simulation of Harmful Fuel Inflamer with Time & Temperature in Engine of Vehicles, **Social Science learning Education Journal**, 2020, 5 (10) 364-367, DOI [https:// doi .org /10.15520/ sslej.v5i10.2736](https://doi.org/10.15520/sslej.v5i10.2736) **Google Scholar, CrossRef**