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# The Searching for Retrieving Economic Development & Cutting Edge Field Research on Boosting Scientist's Innovations Sustainably

#### By

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### Article History

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#### Abstract

The 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. Additionally the economic development will require many scientists who may provide theoretic support like automobile and air plane performance & prosperous prediction besides some experimental data and processes in product flow line, so their contribution to society may indicate high quality &level. We should continue to largely support them for their big endeavour to relevant exploration and erecting foundation whose destination may direct the new innovation prosperity like AI(artificial intelligence) new technique, robotic new industries &quantum computation etc..

**Keywords:** searching; cutting edge field; economic; Research; development; retrieving; scientist; innovation; sustainably; boosting

#### 1. Introduction

The economics model has been applied in many fields to regress and even predict future development situation and time within a period. So that it is an important one for our specialists and regulators who can determine the manufacturing proceeding. Once it is known in advance the corresponding plan and material preparation can be proceeded so that the whole manufacturing will be under our control better than low prediction and no accuracy. However, there are many models to estimate the prediction by now so how to evaluate the method even coefficient is correct way. For example one coefficient has been defined better the whole calculation can represent the accurate result rather than simple dealing with no definition. Thereby the choosing correct method to build scientific model can be dominated really. We must knowledge the detail meaning then choose reasonable coefficient to calculation so as to attain target for predicting correctly. Therefore the choosing reasonable model from

different aspects will become important. New method has been chosen with latest estimation one. One way is to be trialed after the error evaluation will be done, so it can present a certain degree agreement model to use in detail aspects. The final inspection can be proceeded with investigation and experiment. If there is fit ones the new method will be produced like journal paper. After amount confirmation the fit ones will be formed to use in relative field normally. So we must stare the latest papers and reports to observe the common point. [1~2] On the other side, the China two sessions are held in this week whose target is about to focus on the policies progressed continuously the sensitive issues in China economy &finance high-Tech products manufacturer education constitution etc. statement. The scientist with postdoctoral certificate might help us to proceed many subjects in cutting edge field of science &engineering with erecting corresponding modelling for advancing mathematics formulas. [3~4]

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In short, that the coefficient is chosen correctly has been dominated in model so the emphasizing attention is paid to it. That the precision is attained by the correct ones with choosing it is the creditable results finally. So the estimating value has been adopted in order to form the whole rightness in model, it can wield its more useful utilities eventually. The destination of this research will focus on the practice and formulae to observe the intrinsic effectiveness. As below we will discuss the different items hereby for us. <sup>[5-11]</sup>

#### 2. Discussions

Now we would narrate the detailing topic as per inferring the High-Tech &economy tendency on scientists &fellows in light of using enough the proof to prove the issues provided in book, journal, Newspaper &simulation. Three big aspects will be discussed thoroughly with deepening to cultivate the main theme mind to those problems. As you knew China has been processing its exceptional step and strategic constructs into the strongly national erection earlier than anticipation so we may clarify the internally spiritual direction and content to display to others for the sake of progressing its step more and more, which might indicate the actual route for all of us.

#### 2.1 Poster for publishing excellent papers

#### Official Invitation for Full Manuscript/Abstract

We, on behalf of the ganizing committee, send this official letter to invite you for paper/abstract submission to the scientific events. Articles after acceptance by the event will be published in international journals and authors can deliver a presentation about their scientific findings at the event. Contribute your full article: <a href="http://www.icasbio.org/hall/m3">http://www.icasbio.org/hall/m3</a>

As a representative of the event committee, we genuinely invite you to present your research in the form of an oral or poster presentation at this international event. For the articles/abstracts published before, oral reports or poster presentations are also acceptable at this event. Participate at the event: <a href="http://www.icasbio.org/oall/2gan">http://www.icasbio.org/oall/2gan</a>

Join us as a keynote speaker at the upcoming event in Hangzhou by submitting your application. We recognize the importance of your expertise and insights for our event.

Priority will be given to κeynote speakers with doctoral degrees and titles of associate professor or above. To participate as a κeynote speaker, you can click here: http://www.i casbio.org/ksall/h1j3

Upcoming Conferences (May, 2025)

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2025 8th International Conference on Innovation Management and Entrepreneurship

Topics covered: Social Innovation, Information Revolution, Business Creation Techniques, Managing Complex Innovation, Entrepreneurship in Food and Beverage Industry, Entrepreneurial Leadership, Entrepreneurship and Innovation Policy, Entrepreneurship and Growth, etc.

2025 10th International Conference on Social Sciences and Humanities

Topics covered: Social Policy, Economics, Sociobiology, International Affairs, Architecture, Biographic, Women's Studies, Pop Art, etc.

2025 11th International Conference on Energy, Environment and Earth Sciences

Topics covered: Solar Energy, Mechanical Energy, Gravitational Energy, Environmental Health and Risk Assessment, Ecotoxicology and Public Health, Ecotoxicology and Pollution Science, Earth System Science, Hydrology, lithosphere, etc.

2025 7th International Conference on Agricultural Science and Biotechnology

Topics covered: Husbandry, Plant Production and Management, Environmental Science, Farming and Cropping Systems, Biomaterials, Regenerative Medicine, Assay Systems, Omics, etc.

2025 11th International Conference on Biology and Life Sciences

Topics covered: Ornithology, Integrative Biology, Metabolism, Biomathematics, Systems Physiology, Beauty and Personal Care Products, Vision Health Care, Bio-Nanotechnology, etc.

Please view the following part for the title and abstract of your previous published paper: The title: The Dynamics on Hammer with Three Freedoms and Friction Vibration by Lagrange Equation in Robotic Arm The abstract: The dynamic equation of three freedoms and friction impulsion vibration is established hammer in robotic arm by Larange equation. It is based on one of two freedoms. It is found that the first and second items is long and others is concise which is found in kinetic equation in this study. Please do not hesitate to contact us, if there is any question.

## 2.2 The economy increasing rate comparison between China &America

Table 1 shows that the China and America economy increasing rate ranking might provide 5.2%~2.8% while the yo-y indicate 44%~7.6% in 2023 respectively. It means that the China would own the highest speed occupied 5.7 times to the America which might be large one. [2] Moreover, the difference in China provided 1.6% in 2023 &2024 while it in America attained 0.2% in the same years. So it explains the higher increase rate could complete in China, which exhibited the large potential economy capacity is reserved in China.

Table 1. The GDP(gross domestic product) increasing rate comparison between China &America.

Years	China, %	America, %
2021	3.2	-0.8
2022	3.6	2.6
2023	5.2	2.8
у-о-у	44	7.6
Average	4.0	1.5

In Figure 1 the curve tendency between those two countries might be exhibited where the China could have the higher value compared with America in those years. It means that the economy status in China had a potential and stable entity since its reformation has processed. [2] The average speed in China had afforded 4.0% while the America attained 2.0% accordingly in light of those data. Thereby the former will occupy the latter with two times which explains higher GDP increasing speed to be shaped in China.

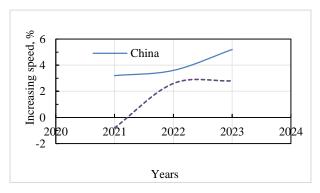


Figure 1. The GDP increasing rate tendency between China & America within 2021~2023.

In Table 2 the GDP increasing tendency between those two countries might be exhibited where the China could have the higher value compared with America in those years. It means that the economy status in China had a potential and stable entity since its reformation had processed. [2] The average speed in China had afforded 4.8% while the America attained 1.0% accordingly in light of those data. Therein, the former will occupy the latter with near five times which explains higher GDP increasing speed to be shaped in China in those years already. Furthermore,, the difference in China provided 3.3% in 2020 &2021 and it in America attained 3.6% in the same years where the same tendency would be shaped.

Table 2. The GDP increasing rate tendency between China & America within 2020~2021.

Years	China, %	America, %
2020	6.5	2.8
2021	3.2	-0.8
у-о-у	50	128
Average	4.8	1.0

### 2.3 Changchun &Shenyang's economy in Northeast region

The Changchun would step to trillion yuan ranking also as an important development target. In the <Changchun city's national economy &social development's Fourteenth five years plan and 2035 perspective target diagram> it proposed that within those years it will make Changchun city to be resident population with beyond 10 million, economy general amount stepping into super-big modern city. [2] That means that in northeast four big cities there will be about three stepped into GDP trillion yuan one. On the views of each ones after Dalian city the next big city will be Shenyang city most possibly. In the early 2023, the Shenyang made <Shengyang city entirely reviving new breakthrough within three years action case> proposed "three first" ie. up to 2025 it may realize economy general amount broken one trillion yuan, general public budget income broken 100 billion yuan, and population scale broken 10 million. [2]

#### 2.4 The top GDP counties in China

In Table 3 it exhibits the whole country's five of the top 100 strong cities GDP ranking whose ranking includes Weihai~Zhoukou city with GDP 372~363 billion yuan in 2024 too. The difference between them indicated proximate 10 billion yuan with small value which indicates that the balance development can be done there in those third-tier cities.

Table 3. The five of the GDP top 100 strong cities ranking I. [9]

Ranking	Names	GDP, billion yuan
93	Weihai	372
94	Shangrao	372
95	Yichun	371
96	Qujing	367
97	Zhoukou	363

#### 2.5 The stocks market vibration I

On Feb. 21st, 2025 the pushing [Shanghai Mech-Electic] increased from low and impacted limit; the yesterday pushed [Hengfeng Tool] gained T+1 and increase beyond 10%; [Hesheng New Mat] impacted again new high with accumulated increase amplitude 20%; [Weicai Heavy Mach] strongly increase limited with the same amplitude 20%; [Yimi Kang] realized 20cm increase limited with the same 20%; [Haotai Tech] increased again limited with the same increase 20%. [1] On Mar. 6<sup>th</sup>, 2025, the [Huarong Lim] completed 3.3%; the [Zhiwei Inte] had completed 1.7%; the [Longxi Lim] increased 10%; the [Zhenghe Indus] increased 10%; the [Hangchi Forw] realized increase 10% as well. [3] At the same time, on Feb.end, 2025 [Huasheng Lim] accumulated increase beyond 15%; [Daoshi Tech] accumulated increase 13%; [Menggu Li] accumulated increase beyond 15%; [Fengli Inte] completed T+1 with increase rate 15%; [Zhongke Electr] accumulated increase beyond 14%; [Hengwei Tech] completed T+0 with increase 12%. [4]

#### 3. Conclusions

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The scientist can play an eminent role on deciding the determination in important matters for our country so we must give them much convenience even high salary at department of university and manufacturer. We need to maintain the scientist quality and level besides quantity whose effectiveness will expose under a series of difficult problem for lowering cost and research and development fee especially. We must respect them since they can bring out eminently progress and benefit for us to share continuously until we know how to affect our life. Through experiencing advance education and experiment for proceeding several projects they may know what to do if the difficult problem occurs around our research front so we can learn many things from them to conduct next generation science aim. So there are much knowledge and experience to be learned by us so as to boost our enterprise in future. On the other hand in modern society every man has right to make risky capital income from their investment. So the relevant knowledge should be learned by us like reading Newspaper or journal to prevent from happening those incident matters in future which may make us lose more money. On that contrary some gambles can clearly see the chance and boldly buy a lot gold so that that makes them earn much more money. Many times buying and

selling will let them earn much capital within a year even more than that.

Overall, the technology and economy is able to make us to be entry a good circulation from our daily life to national prosperity. Thereby the scientist is able to define current situation and benefit from salary to bonus income.

#### References

- Wechat, Feb. 22<sup>nd</sup>, 2025, Internet 1.
- Tencent News, Mar. 2<sup>nd</sup>, 2025
- Wechat, Mar. 6<sup>th</sup>, 2025
- Xiaotian Han, Huizheng Counsellor, Wechat, Mar. 3<sup>rd</sup>, 2025
- Today Focus, The evening News, CCTV-1, Feb. 11<sup>th</sup>, 2025
- Maowen Li, Huizeng golden counsellor, Wechat, 6. Mar. 4<sup>th</sup>, 2025, Internet
- Maowen Li, Huizeng golden counsellor, Wechat, Mar. 3<sup>rd</sup>, 2025, Internet
- Tencent News, Mar. 3<sup>rd</sup>, 2025, Internet
- Tencent News, Mar. 6<sup>th</sup>, 2025, Internet
- Tencent News, Mar. 7<sup>th</sup>, 2025, Internet
  Tencent News, Mar. 8<sup>th</sup>, 2025, Internet