

UAI JOURNAL OF MULTIDISCIPLINARY & CULTURAL STUDIES

(UAIJMCS)



Abbreviated Key Title: UAI J Mult Cul Stu.

ISSN: 3049-2351 (Online)

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

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

Frequency: Bimonthly



An Innovation Research of Promoting Economic GDP & High-Tech Product like New Electric Autos & Semi-Conductor Company Publishing Academic Papers in Prestigious Journal on Scientists' Behavior & Judgement Continually

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ABSTRACT

The high-technology product like chargeable battery used in the EV (electric vehicle) and robot will be prevalent currently and future which may afford continuously dynamic for it to drive longer like 2 hundred kilometers per charge, so its usefulness will be more searchable and searching item for us to process later. New one like the solid state battery as a new innovation will be used in EV in future widely, which may become a high-light for our scientists to process continuously. At the same time, the scientist needs to publish their achievement continually to a journal with high impact factor for the readers to know the reasonability and feasibility. The author like scientist in college would complete the investigation content and form the formal achievement in the sake of communicating with readers with wielding English skill well. Thereby the correct and clarified information might transfer into the readers acknowledgement who has an interest to know the meaning from papers. Therein the published one will overview from the author into readers like graduates and professors through editor help. We should pay more attention to the innovation aspects which may take up some new idea and paths. As for scientist he needs to search for continuously the new project for the sake of further searching for the deeper and wider field all the time. Therein the high-tech product like new energy auto will have occupied promise future as known by now because its sale and expected amount can attain an achievement with total expectation of 1,200 ten thousand ones in 2000 at USA explained that innovative ones to have a large market requirement. On the other side, others like hybrid electric auto has also some searchable value in near future since its advantage has evident proofs. Thereby in a cool region like winter it is reported that the electric battery will meet the contracting efficiency certain degree, being entry north market there will be barrier to make the electric auto into that market currently.

Keywords: research; economic GDP (gross domestic product) factor; scientists; innovative electric auto; behavior & judgment; prestigious journal; semi-conductor company; continually; publishing high-quality papers

1. Introduction

In modern society the high-technique products will dominate in others to become a strong force to push the society to develop towards modernization continually and sustainably, so that the scientists and scholars will become an important factor to play in every place to process the relevant research and study on the hot points frequently and intentionally. So that publishing achievement papers may provide a strong force to support the future high-life-level like climate change and public sanitation for benefiting the world human safe and health in future. We should go on searching for innovation papers included in the latest high-technique product research like the clean energy and new technique to boost many lots of skills to make different cutting-edge-field product often and constantly. As we knew the current climate problem will be derived from the contaminating factory and automobile carbide gas etc., so the new energy study should occupy the first significant position for our scholar & scientists and experts to sustainably search for and make measure to solve it from judging variation respects which may help us to think about more possible factors to replace the problems with smartness mutually. We might align the measure from one view to another one to proceed simulate to judge the first and the second & the multi-method to solve it for the sake of once happening the problems there will be another method to replace it in urgency. [1~5] Therefore, we put our eyes long not only over-viewing the current status but also looking at the situation longer years later like fairy tale movies which provide the future world scenery one hundred years later. We may interest in those splendid scenery and consider the usefulness part and make some experiments & induction with mathematics to trial the reasonability and feasibility, like the flight automobiles which pass by the high buildings and make a dormitory in the buildings. There will be not some earth surface automobiles but all the automobile which can become flight one which is just a future imagined occasion by USA Hollywood film 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 that we must emphasize the current energy exploitation and foundation so as to predict to make a plan to prepare the future infrastructure and write more papers with innovation method to arouse up people's future structure. With the GDP (gross domestic product) enhancement we should not avoid to enter the ideal world with many robots in AI (artificial intelligence) software and hardware & automobiles with intelligent driving times several decades years later, herein we prepare to afford the controlling skill to fix robots logical live 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 many years later and the latter will experience safe driving course with no accident. Those problems will must think about by us in advance if not many error ones and accident may occur then. [6~8]

2. Discussions

The qualified one may be appointed to be an associate professor and senior researcher to take a burden to educate the MS (Master of Science) & PhD (Philosophy of Doctor) degree continuously. Because they had some and much opportunities to complete the relevant projects singly and collaboratively which belongs to the high-tech product experimental and theoretical deduction. Thereby those ones includes in many innovative methods and calculations correspondingly. At the same time, the reports and papers will be submitted to the Fund commission which may be speared through the relevant scientists. Meanwhile, the data with GDP and sale

number would be analyzed for the sake of requesting according behavior & its following judgment by our scientist and fellows sustainably because they can grasp the economic phenomenon and its following explanation definitely and absolutely in advance through their endeavour in post-doctorate and after work-stations. [9~17] On the other side, the atmosphere contamination will cause the climate change and sanitation like former's flood and forest fire disaster and latter's public health including COVID (corona virus disease)-19 formerly. Therefore, we need to pay our attention to the atmosphere problem that might cause a series of accident for our experts and general man to adopt the correct path so as to prevent from that matter in advance.

2.1 Overviews of vehicle characteristics

Suggest consumers choose models based on travel radius, charging conditions and usage scenarios: for urban commuting, pure electric vehicles are preferred; for long-distance travel, plug-in hybrids or range extenders are recommended; for commercial transportation, hydrogen fuel vehicles can be considered. Firstly although the development of new energy vehicles is rapid, it still faces the following challenges: Secondly resource supply chain risks: The dependence on key resources such as lithium, cobalt, and nickel is high; thirdly, battery recycling problems: The retirement wave of battery power will come, and the capacity for secondary utilization and recycling treatment urgently needs to be improved; Thirdly Grid carrying pressure: Large-scale charging may cause impact on local grids; Fourthly incomplete infrastructure: The coverage of charging facilities in third- and fourth-tier cities and rural areas is low. Looking forward, the development trends of new energy vehicles mainly include the following aspects: I. Technology integration: Deep integration of electrification and intelligence, with the acceleration of implementation of vehicle-road coordination and V2X communication technologies; II. Energy diversification: Hydrogen-electric parallel operation and coupling of renewable energy power supply systems will become important directions; III. Business model innovation: Battery banks, battery swapping services, subscription models, etc., will emerge as new models; IV. Globalization layout: Chinese brands are accelerating their overseas expansion, and Europe and Southeast Asia are becoming major growth markets. [1]

New energy vehicles are not only an upgrade of transportation tools, but also a carrier of the energy revolution and the integration of digital technology. Currently, China has established the world's most complete new energy vehicle industry chain, with leading advantages in battery, motor, electronic control and intelligent connectivity fields. In the future, with continuous technological iteration, infrastructure improvement and policy guidance deepening, new energy vehicles will evolve towards more efficient, more intelligent and more sustainable directions, becoming the core force in building a green and intelligent transportation system. With the continuous development of technology, these new energy vehicle models are expected to make breakthroughs in specific fields and inject new impetus into the diversified development of the new energy vehicle industry. Functions, thereby enhancing the safety and stability of the intelligent driving system. At the same time, the penetration rate of L2+ level assisted driving functions has exceeded 60%, and some models even have achieved city navigation assisted driving (NOA) functions, which can complete automatic lane changing, overtaking and other operations in complex road conditions.

2.2 Asian three nations GDP analysis

The Asian three nations GDP analysis would show 65~45 billion dollars by Japan~India whilst the y-y 1962 indicated 16%~13% respectively in Figure 1 to show the former ie. Japan’s strong economy status and India rapidly following speed in 1962. Herein it showed that China with a little growth for 0.4% in 1962 to become the weakest economy community in light of data there.

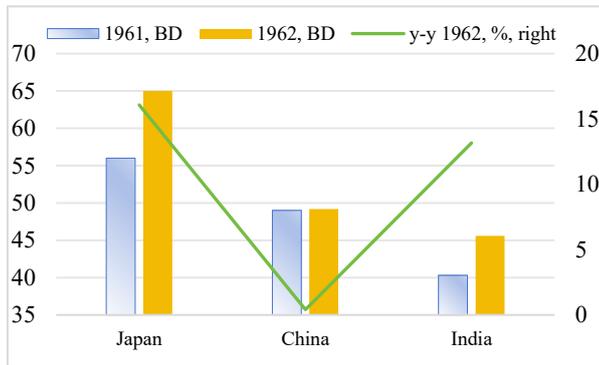


Figure 1 The Asian three nations GDP analysis. [2]

2.1 The top seven semiconductor companies Revenue

The top seven semiconductor companies revenue showed 57~9 billion dollars by Nvidia~Qualcomm in Figure 2 accordingly in Q3 2025 to show the Nvidia strong strength and revenue. The Samsung SK Hynix Broadcom Intel occupied the second~fifth position with 24, 17, 17, 14 billion dollars correspondingly then.

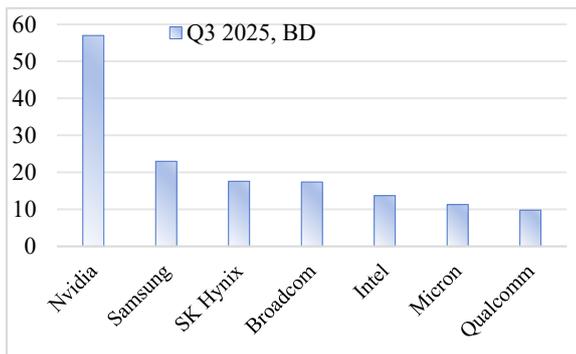


Figure 2 The top seven semiconductor companies Revenue [3]

At the same time, the top seven semiconductor companies revenue comparative growth value showed 22%~9% billion dollars by Nvidia~Qualcomm in Figure 3 accordingly in Q3 2025 whilst 14%~8% billion dollars in Q4 2025 will be guided to show the Nvidia strong strength and revenue. The Samsung Broadcom Micron occupied high position with 19%, 16%, 22% comparative growth Q3 2025 correspondingly then, meanwhile Micron guides 11% in Q4 2025 and Intel guides -1.1% with minus growth.

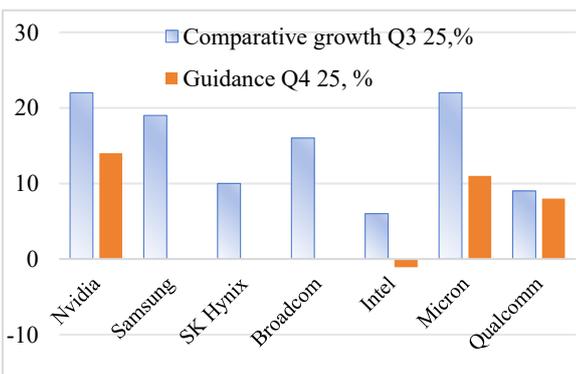


Figure 3 The top seven semiconductor companies Revenue comparative growth

The top eight~sixteen semiconductor companies revenue showed 9~3 billion dollars by AMD~Analog Devices in Figure 4 accordingly in Q3 2025 to show the AMD strong strength and revenue. The TI Media Tek Infineon occupied the second~fourth position with 4.7, 4.7, 4.6 billion dollars correspondingly then.

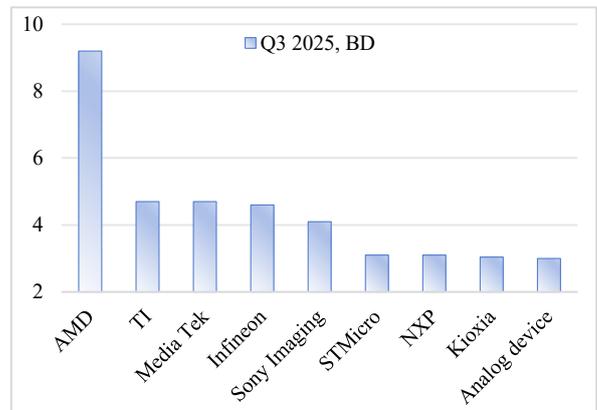


Figure 4 The top eight~sixteen semiconductor companies Revenue

Meantime, , the top eight~sixteen semiconductor companies revenue comparative growth value showed 20%~4.2% by AMD~Analog Devices in Figure 5 accordingly in Q3 2025 whilst 3.8%~4% billion dollars by AMD~NXP in Q4 2025 will be guided to show the AMD strong revenue speed. The Sony Imaging &Kioxia occupied the highest position with 51% &31% comparative growth Q3 2025 then.

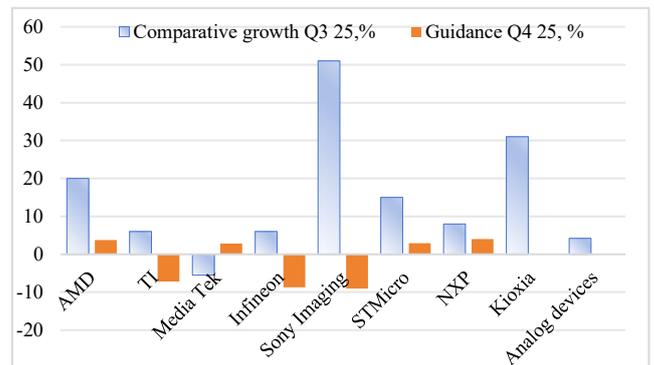


Figure 5 The top eight~sixteen semiconductor companies Revenue comparative growth

With regards to developing GDP (gross domestic product) in each country the financial field’s new products are emerging continually like in quantitative investment which may deal a large data from the stocks market and judge the correct one within ms scale. Herein its application in stocks investment is able to catch the main tendency besides it may tell us the good one and tell us the buying signal. Meantime it can analyze the raising limit on each plate even the second &third one continuously happening in market, so we just follow its judging behavior and signal we may become big rich-men within several weeks~years. Those modeling one with constructed by certain mathematical formulas like joined AI (artificial intelligence) algorithm and least square method combination can wield the biggest dedication. There, the latter will be a kind of mathematical optimized technique to find a group data for optimizing rate curve and function. This method can be defined into the optimum match curve through using distance square adding from minimizing data. We should use leisure time like entry at end plate

and exit at early one with the AI diagnosis machine within short-term chance meaning one and two days if possible. portfolio-investment may be an optimized path to win the total capital with several investment items so as to decline the risk.

2. Conclusions

The high-technology product like chargeable battery used in the EV (electric vehicle) and robot will be prevalent currently and future which may afford the continuously dynamic for it to drive longer like 2 hundred kilometers per charge, so its usefulness will be more searchable and searching item for us to process later. New one like the solid state battery as a new innovation will be used in EV in future widely, which may become a high-light for our scientists to process continuously. At the same time, the scientist needs to publish their achievement continually to journal with high impact factor for the readers to know the situation and feasibility. The author like scientist in college would complete the investigation content and form the formal achievement in the sake of communicating with readers with wielding English skill well. Thereby the correct and clarified information might transfer into the readers acknowledgement who has an interest to know the meaning from papers. Therein the published one will overview from the author readers through editor help. We should pay more attention to the innovation aspects which may take up some new idea and paths. As for scientist he needs to search for continuously the new project for the sake of further searching for the deeper and wider field all the time. In short, the application of these technologies not only enhances the driving experience of users, but also accumulates valuable experience for the realization of fully autonomous driving in the future. It can be foreseen that with the continuous optimization of algorithms and the reduction of hardware costs, intelligent driving technology will play an even more important role in the field of new energy vehicles. Herein, the scientist's behavior and judgement might affect the important result which could play a role in determining our decision on a certain project to afford main capital sponsoring by government institution like basis green energy advocating ones that can influence our future life urgently and eventually.

Funding

This paper was supported by Korean Science and Engineering under the granted No. 96-0300-11-01-03 with the specified Basis Research program.

Ethic Declarations

The authors declared that there were not conflicts of interest.

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