The Japan Society of Applied Physics

JSAP Outstanding Achievement Award Recipients

25th
(2024)

Yoshihiko Kanemitsu
Pioneering breakthroughs in optoelectronic semiconductors for efficient light-energy conversion

Masafumi Yamaguchi
Pioneering Research and Development on Super High-efficiency Solar Cells

Nobuyasu Hiramatsu
Yoshiaki Takai
Atsushi Kohno
Promoting the development of youth human resources through scientific awareness and educational activities such as “Refreshing Science Education in the Classroom.”

24th
(2023)

Morinobu Endo
Contribution to applied physics of nanocarbons, mainly on carbon nanotubes via catalytic chemical vapor deposition (CCVD) method and also to industrial applications

Masaru Hori
Pioneering Research on Radical Controlled Plasma Processes

23rd
(2022)

Tatsuo Uchida
Contribution to industrial development by elucidating the basic properties of liquid

IP Bridge Exhibit 2025
Western Digital v. IP Bridge
IPR2024-01494

Shinji Yuasa

Pioneering Research on MgO-based Magnetic Tunnel Junctions

22nd
(2021)

Chihaya Adachi

High performance organic light-emitting devices based on the innovation of cutting-edge materials

Masayoshi Esashi

Contribution to development and industrial expansion of MEMS technology

21st
(2020)

Kazuhiko Hirakawa

Pioneering work on terahertz science and technologies of quantum nanostructures

20th
(2019)

Masakazu Aono

Invention and application of (I) new atomic-scale surface structure analysis/manipulation methods and (II) the atomic switch for novel nanometer-scale switching/memory devices

Wataru Susaki

Advanced research of lattice-matched red AlGaAs/GaAs lasers at room temperature and contribution of practical use of semiconductor lasers by first mode-stabilized TJS structure

Yoshinori Honguh

For the educational contribution through the tutorial article series "Landscapes of Wave Optics"

19th
(2018)

Yasunobu Nakamura

Realization of superconducting quantum bits and pioneering research towards applications of quantum technologies

Tsutomu Miyasaka

Akio Sasaki

Contributions to the initiation and development of a new academic realm 'Alloy Semiconductor Electronics' and to the stimulus and encouragement of young talent

18th
(2017)

Seigo Tarucha

Quantum information electronics with artificial atoms and molecules

Akira Toriumi

For contributions to advanced CMOS device design from device physics and materials engineering to industrial technology

17th
(2016)

Kiyoshi Toko

For his pioneering study and implementation of biomimetic sensors for gustatory and olfactory senses

Masamichi Yamanishi

For his pioneering research and development of wavefunction engineering optical devices

16th
(2015)

Hidetoshi Katori

For his pioneering research on optical lattice clocks

Yasuhiro Horiike

For his pioneering research and development of semiconductor dry etching technologies and the industrialization

15th
(2014)

Mitsumasa Koyanagi

For his contribution on the evolution of high-density memory and pioneering research of three-dimensional integrated circuits

Susumu Noda

Katsuaki Satou

For his contribution to education and science outreach activities in the field of applied materials science through such as internet and books.

14th

(2013)

Yasuhiko Arakawa

For his pioneering research on quantum dot lasers

Hideomi Koinuma

For his pioneering research on oxide thin film materials

13th

(2012)

Masataka Nakazawa

For his pioneering research on Erbium-Doped Optical Fiber Amplifier (EDFA) pumped by semiconductor lasers and its development of application

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12th

(2011)

Hideo Ohno

For his leading research on semiconductor spintronics

Tatau Nishinaga

For his leading research on the epitaxial growth of semiconductors

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11th

(2010)

Hideo Hosono

For his pioneering research on creation of novel functional oxides

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Jumpei Tsujiuchi

For his work in the development of optical information processing and its contribution to academic and industrial fields

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10th

(2009)

Kohichi Kitazawa

Eiji Takeda

For his advanced research on high-field effects in scaled MOSFETs, and applied research for industries

Kashiko Kodate

For her contribution to nurturing female researchers and promoting gender equality in science and engineering

9th

(2008)

Hiroyuki Sakaki

For his pioneering research on semiconductor nanostructure devices

Terunobu Miyazaki

For his pioneering research on room temperature tunnel magneto-resistive devices

8th

(2007)

Yoshihiro Hamakawa

For his pioneering research on amorphous silicon solar cells

Masataka Hirose

For his basic and leading research on amorphous semiconductor superlattices and silicon integration technologies

7th

(2006)

Yasuharu Suematsu

For his pioneering research on semiconductor lasers for optical fiber communications

Eiichi Maruyama

For his pioneering research on high-performance imaging devices using non-crystalline semiconductors

6th

(2005)

Kenichi Iga

Ryuichi Shimizu

For his contributions to the pioneering fundamental research on micro-beam analysis, and on surface analysis technologies

5th

(2004)

Takuo Sugano

For his pioneering research on silicon MOS devices and his contributions to the development of LSI technologies

Susumu Namba

For his pioneering research on the application of beam technologies in semiconductor engineering

4th

(2003)

Hiroyuki Matsunami

For his pioneering research on SiC semiconductors and their devices

Takashi Mimura

For the invention and development of the High Electron Mobility Transistor (HEMT)

Tadao Tsuruta

For the educational contributions with his scientific work “PENCIL OF RAYS”

3rd

(2002)

Sumio Iijima

For the discovery and elucidation of carbon nanotubes

Shoji Tanaka

For his pioneering research on oxide superconductors

2nd

(2001)

Isamu Akasaki

For his pioneering research on blue light emitting nitride semiconductor devices

The Japan Society of Applied Physics

Izuo Hayashi

For his pioneering work on the development of semiconductor lasers and innovations related to optoelectronic integrated circuits

Mamoru Mohri

For his enduring commitment and multifaceted contributions to public education in the field of science in space

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Access Map

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