

Research Project Supported by Grants-in-Aid (Kak-enhi) 2016

Grant Donation

1. Category: Scientific Research (B)
Research Representative: Shigeo Takahashi
Title: Research on dynamic configuration optimization for annotated visual information display
Amount: ¥ 5,070,000

2. Category: Grant-in-Aid for Publication of Scientific Research Results
Research Representative: Nobuyoshi Asai
Title: Hyper English etymologic dictionary (Hyper-Dictionary)
Amount: ¥ 2,100,000

3. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Yuya Kaneda
Title: Research on design of high-performance and small perceive agent for mobile device
Amount: ¥ 900,000

4. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Huang Huawei
Title: Corporative optimization of routing and protection in software-defined network
Amount: ¥ 1,560,000

5. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Yosuke Kira
Title: Clarification of cooperation occurrence mechanism under social dilemma condition using multi-method approach
Amount: ¥ 1,560,000

Projects

Grant Donation

1. Category: Scientific Research (C)
Research Representative: Nobuyoshi Asai
Title: Sense unificatino of color and music: intergration science with brain science and visual look design
Amount: ¥ 130,000
2. Category: Scientific Research (C)
Research Representative: Yoshiko Ogawa
Title: Construciton of lunar mineral composition map based on lunar exploration data and research of lunar surface using Web-GIS
Amount: ¥ 780,000
3. Category: Scientific Research (C)
Research Representative: John Brine
Title: Digital Storytelling for Computer Science Team Project Documentaries
Amount: ¥ 1,430,000
4. Category: Scientific Research (C)
Research Representative: Yoichi Tomioka
Title: Establishment of robust discrimination technology for appraisalment of photographing device of digital images
Amount: ¥ 910,000
5. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Yukihide Kohira
Title: Development of physical design technology of auxiliary-powered digital integrated circuit enabling high speed and low electricity consumption
Amount: ¥ 780,000
6. Category: Challenging Exploratory Research
Research Representative: Shigeo Takahashi
Title: Research on visualization method of abstract data based on map designing principle
Amount: ¥ 1,690,000

7. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Ryuhei Yamada
Title: Research and development of wide range seismometer intended for deployment of earthquake observation network in extreme environmental area
Amount: ¥ 2,990,000

8. Category: Category: Scientific Research (C)
Research Representative: Jung-pil Shin
Title: Automatic generation of handwriting and writing brush characters with personality and natural shimmering of face
Amount: ¥ 1,300,000

9. Category: Category: Scientific Research (C)
Research Representative: Toshiaki Miyazaki
Title: Research on ultra low power software defined sensor network with self-restoration capability
Amount: ¥ 1,950,000

10. Category: Category: Scientific Research (C)
Research Representative: Yong Liu
Title: Evolutionary Approaches to Learning Self-awareness for a Decentralized System
Amount: ¥ 1,300,000

11. Category: Category: Scientific Research (C)
Research Representative: Anh T. Pham
Title: Study and development of smart supermarket by using visible light communication (VLC) and smartphone technologies
Amount: ¥ 1,690,000

12. Category: Category: Scientific Research (C)
Research Representative: Alexsander P. Vazhenin
Title: Service-oriented infrastructure for education of English and Tsunami modeling
Amount: ¥ 1,690,000

Projects

13. Category: Category: Scientific Research (C)
Research Representative: Debopriyo Roy
Title: 3D Printing in Creative Factory Contexts for English Language Learning
Amount: ¥ 1,040,000
14. Category: Category: Scientific Research (C)
Research Representative: Hiroshi Saito
Title: Evaluation of tamper resistant capability of asynchronous circuit using batch data solution using programmable delay element
Amount: ¥ 910,000
15. Category: Category: Scientific Research (C)
Research Representative: Konstantin Markov
Title: Speech based emotional and depressive mental state prediction using Gaussian Process state-space models
Amount: ¥ 1,300,000
16. Category: Category: Scientific Research (C)
Research Representative: Incheon Paik
Title: Web service discovery and linkage on big data of linked service network
Amount: ¥ 1,430,000
17. Category: Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Jeremy Perkins
Title: An Acoustic Typology of Creaky Voice
Amount: ¥ 390,000
18. Category: Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Younghyon Heo
Title: Improving English speaking with parsing training
Amount: ¥ 650,000
19. Category: Category: Scientific Research (C)
Research Representative: Yodai Watanabe
Title: Research on existence and optimality of Secret Sharing Scheme
Amount: ¥ 1,170,000

20. Category: Category: Grant-in-Aid for Young Scientists (B)
 Research Representative: Peng Li
 Title: A machine learning based system for storing and processing big spatial-temporal data
 Amount: ¥ 2,080,000
21. Category: Category: Scientific Research (C)
 Research Representative: Julian Villegas
 Title: Saund: Simulation of auditory near-field distance
 Amount: ¥ 1,170,000
22. Category: Category: Scientific Research (C)
 Research Representative: Quiangfu Zhao
 Title: Saund: Research on real-time processing technology of compression sensing and sparse expression
 Amount: ¥ 2,470,000
23. Category: Category: Scientific Research (C)
 Research Representative: Quiangfu Zhao
 Title: Research on behavioral pattern recognition based on small-scale human sensor network
 Amount: ¥ 1,950,000
24. Category: Category: Scientific Research (C)
 Research Representative: Shuxue Ding
 Title: Research on real-time processing technology of compression sensing and sparse expression
 Amount: ¥ 2,470,000
25. Category: Category: Scientific Research (C)
 Research Representative: Hisako Yasuda
 Title: Introduction of English education for Japanese version manga analysis: application of role language analysis for academic writing
 Amount: ¥ 2,470,000
26. Category: Category: Grant-in-Aid for Young Scientists (B)
 Research Representative: Yutaka Watanobe

Projects

Title: Learning support environment for intelligent programming study
Amount: ¥ 910,000

27. Category: Scientific Research (C)
Research Representative: Emiko Kaneko
Title: Development of pictorial prompt with difficulty information and influence for L2 deliverance of its characteristics
Amount: ¥ 650,000

Contribution from outside the University

1. Category: Scientific Research (C)
Research Representative: Younghyon Heo
Title: Linguistical analysis and classification of evacuation advice and order texts in natural disaster
Distribution: Gunma Prefectural Women's University Amount: ¥ 195,000
2. Category: Scientific Research (B)
Research Representative: Xin Zhu
Title: Multi-level analysis of role of TRPM family in development mechanism of atrial fibrillation
Distribution: Fukuoka University
Amount: ¥ 650,000
3. Category: Grant-in-Aid for Scientific Research on Innovative Areas
Research Representative: Shigeo Takahashi
Title: Intensification of visualization base advancing sparse modeling
Distribution: Keio University
Amount: ¥ 2,080,000
4. Category: Scientific Research (C)
Research Representative: Emiko Kaneko
Title: Instruction of vocabulary and grammar for improving profluency of English deliverance
Distribution: Kobe Gakuin University
Amount: ¥ 325,000

5. Category: Scientific Research (C)
Research Representative: Tsuneo Tsukahara
Title: Design technology of radio receiving LSI with suppression of adjacent channel interference signal by channel grouping
Distribution: Nippon Institute of Technology
Amount: ¥ 130,000

6. Category: Scientific Research (A)
Research Representative: Emiko Kaneko
Title: Development and publication of CAN-DO instruction task and test with CEFR-J (English achievement index) compliant
Distribution: Tokyo University of Foreign Studies
Amount: ¥ 325,000

7. Category: Scientific Research (B)
Research Representative: Chikatoshi Honda
Title: Creation of global geologic map of the moon for clarifying whole process of geologic evolution
Distribution: JAXA
Amount: ¥ 598,000

8. Category: Scientific Research (B)
Research Representative: Naohito Nakasato
Title: Co-design of accelerator and software enabling high speed calculation of multiple length integral calculation
Distribution: Hitotsubashi University
Amount: ¥ 1,300,000

9. Category: Scientific Research (S)
Research Representative: Maxim S. Ryzhii
Title: Creation of two-dimensional heterojunction of atomic thin film and its application for terra-hertz photoelectron device application with new principle
Distribution: Tohoku University
Amount: ¥ 1,300,000

Projects

10. Category: Scientific Research (C)
Research Representative: Emiko Kaneko
Title: Verification of effectiveness of extensive reading for adults and construction of extensive reading education model as an outreach activity of universities
Distribution: The University of Kitakyushu Amount: ¥ 195,000

11. Category: Scientific Research (B)
Research Representative: Shigeyuki Aoki
Title: Basic study for development of interactive course materials for discussion study
Distribution: Kyushu University
Amount: ¥ 650,000

12. Category: Scientific Research (B)
Research Representative: Yosuke Kira
Title: Commons with citizens' society - mathematical sociology study for enlightenment of hilly and mountainous areas
Distribution: Shibaura Institute of Technology
Amount: ¥ 130,000

13. Category: Scientific Research (C)
Research Representative: Takao Maeda
Title: Creation method of new series by multidimensionalization and structuralization and its mathematics and application
Distribution: Niigata University
Amount: ¥ 195,000

14. Category: Scientific Research (C)
Research Representative: Yodai Watanabe
Title: Creation method of new series by multidimensionalization and structuralization and its mathematics and application
Distribution: Niigata University
Amount: ¥ 195,000

Carry Over

1. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Yuya Kaneda
Title: Research on design of small and high performance recognition agent for mobile device
Amount: ¥ 350,000
2. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Yutaka Watanobe
Title: Online judge system using next generation programming language
Amount: ¥ 0