

Research Project Supported by Grants-in-Aid (Kak-enhi) 2014

Grant Donation

1. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Yinghui Zhou
Title: Research of real-time division, recognition and application by continuous finger gesture by ring type radio transmission detection device
Amount: ¥ 900,000
2. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Wuhui Chen
Title: Discovery and selection of linked social service
Amount: ¥ 1,300,000
3. Category: Grant-in-Aid for JSPS Fellows
Research Representative: Zhenni Li
Title: Research on image processing algorithm based on sparse expression and dictionary studies
Amount: ¥ 900,000
4. Category: Scientific Research (B)
Research Representative: Naru Hirata
Title: Analysis of geological activity in asteroids based on high-precision shape model
Amount: ¥ 1,560,000

Grant Donation

1. Category: Scientific Research (C)
Research Representative: Shuxue Ding
Title: Research on restoration of original signal and reconfiguration of shape image from incomplete data using sparse expression
Amount: ¥ 1,170,000

Projects

2. Category: Scientific Research (C)
Research Representative: Igor Lubashevskiy
Title: Emergence and extended topological space in social system
Amount: ¥ 910,000
3. Category: Scientific Research (C)
Research Representative: Takafumi Hayashi
Title: System set enabling new physical measurement and communication method
Amount: ¥ 1,690,000
4. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Hiroshi Saito
Title: Research on conversion from synchronized circuit to low-energy asynchronous circuit
Amount: ¥ 1,040,000
5. Category: Scientific Research (B)
Research Representative: Naru Hirata
Title: Analysis of geological activity in asteroids based on high-precision shape model
Amount: ¥ 1,040,000
6. Category: Scientific Research (C)
Research Representative: Keitaro Naruse
Title: Clarification of phase transition of large-scale crowd and its application to control of crowd robot
Amount: ¥ 1,300,000
7. Category: Scientific Research (C)
Research Representative: Xin Zhu
Title: Research on the most favorable implantation place of implantable cardioverter-defibrillator and its utility in clinical practice
Amount: ¥ 1,300,000
8. Category: Scientific Research (C)
Research Representative: Maxim Mozgovoy

Title: Wordbricks: Interactive virtual world for study of mobile language
Amount: ¥ 1,950,000

9. Category: Scientific Research (C)
Research Representative: Emiko Kaneko
Title: Comparison of effect for L2 deliverance of shadowing and induced mimicry
Amount: ¥ 1,040,000
10. Category: Challenging Exploratory Research
Research Representative: Shigeyuki Aoki
Title: Re-assessment of Toulmin model from interdisciplinary discussion study and measurement of effect of new discussion model
Amount: ¥ 1,300,000
11. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Junbo Wang
Title: Construction of autonomous IoT / M2M platform adapting to condition of network and users
Amount: ¥ 1,950,000
12. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Heo Younghyo
Title: Improving English approach towards disaster-driven decision-making supports
Amount: ¥ 520,000
13. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Yutaka Watanobe
Title: Online judge system using next generation programming language
Amount: ¥ 1,040,000
14. 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: ¥ 2,730,000

Projects

15. 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: ¥ 3,380,000

16. Category: Scientific Research (C)
Research Representative: John Brine
Title: Digital Storytelling for Computer Science Team Project Documentaries
Amount: ¥ 1,430,000

17. Category: Scientific Research (C)
Research Representative: Naomi Ogasawara
Title: Classification of sentences for evacuation advisory and order in natural disaster and their analysis in linguistic viewpoint
Amount: ¥ 1,430,000

18. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Lei Jing
Title: Research on charing by body heat and method for online immediate action recognition using unrestraint ring type device
Amount: ¥ 1,690,000

19. Category: Grant-in-Aid for Young Scientists (B)
Research Representative: Yukihide Kohira
Title: Development of design technology of multi-power digital integrated circuit enabling high speed data processing with low power consumption
Amount: ¥ 1,170,000

Contribution from outside the University

1. Category: Scientific Research (C)
Research Representative: Emiko Kaneko
Title: Verification of effectiveness of extensive reading for adults and construciton ofextensive reading education model as an outreach activity of uni-

versities

Distribution: The University of Kitakyushu Amount: ¥ 130,000

2. Category: Scientific Research (C)
Research Representative: Ian Wilson
Title: Development of learning method of English rhythm by bio-feedback based on acoustic and articulation database
Distribution: Kanazawa Medical University
Amount: ¥ 325,000
3. Category: Specially Promoted Research
Research Representative: Maxim Ryzhii
Title: Emergence of graphene terahertz laser
Distribution: Tohoku University
Amount: ¥ 2,600,000
4. Category: Scientific Research (C)
Research Representative: Xin Zhu
Title: Research on clinical effectiveness of induction cardiac electrogram in atrial fibrillation
Distribution: Tohoku University
Amount: ¥ 2,600,000
5. Category: Scientific Research (B)
Research Representative: Takeaki Sampe
Title: Role of seasonal transition of temperature structure in tropical and mid-/high-altitude region for formation and fluctuation of rain band and atmospheric environment
Distribution: The University of Tokyo
Amount: ¥ 910,000
6. Category: Scientific Research (B)
Research Representative: Chikatoshi Honda
Title: Creation of global map of the moon for clarification of geologic evolution history of the moon
Distribution: Japan Aerospace Exploration Agency
Amount: ¥ 3,218,800

Projects

7. Category: Scientific Research (A)
Research Representative: Emiko Kaneko
Title: Synthetic study for identification and application of English CEFR level standard characteristic features by learner corpus
Distribution: Tokyo University of Foreign Studies
Amount: ¥ 455,800

8. Category: Scientific Research (C)
Research Representative: Tsuneo Tsukahara
Title: LSI design technique for radio receiving with suppression of channel interference of adjacent channel using channel grouping
Distribution: Nippon Institute of Technology
Amount: ¥ 130,000

9. 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

10. Category: Scientific Research (B)
Research Representative: Yukihide Kohira
Title: Development of physical design technology compliant with next generation lithography technology
Distribution: Tokyo Institute of Technology
Amount: ¥ 455,000 and 845,000

11. Category: Scientific Research (B)
Research Representative: Konstantin Markov
Title: Research on discrimination prediction of sound data using time-space Gaussian process model
Distribution: The Institute of Statistical Mathematics
Amount: ¥ 650,000

Carry Over

1. Category: Scientific Research (C)
Research Representative: Ian Wilson
Title: Development of learning method of English rhythm by bio-feedback based on acoustic and articulation database
Distribution: Kanazawa Medical University
Amount: ¥ 320,000