

Poster Session

1. The Alzheimer's Disease-Related Cardiomyopathy Prevent β -Adrenergic Receptor-Stimulated Myocardial Hypertrophy in the 5XFAD Mouse Model
Cao Cheng
2. Sex differences in high-fat diet-induced obesity in rats
Sayaka Akieda-Asai, Yukari Date
3. Multilayer Nanoring Devices for NIR Plasmonic Biosensing
A. Gurkan Ozer, V.G. Truong, O. Elisseeva, S. Nic Chormaic
4. Development of Non-invasive detection method on amyloid imaging by using MR phase information
Nan Kurehana
5. Dynamics of heat shock protein 70 mRNA expression in leukocyte at intestinal ischemia-reperfusion injury in rat model
Yuka Mine, Fumihiko Fujita, Takehiko Murase, Izumi Yamaguchi,
Yusuke Inoue, Mitsuhsa Takatsuki, Kazuya Ikematsu, Susumu Eguchi
6. Ultrasonographic evaluation of therapeutic response in biologic DMARDs switchers: Kyushu multicenter rheumatoid arthritis ultrasound prospective observational cohort in Japan
A. Nishino, SY. Kawashiri, T. Yoshitama, N. Eiraku, N. Matsuoka, Y. Ueki,
A. Okada, H. Hamada, T. Hidaka, S. Nagano, T. Tsuru, K. Fujikawa, Y. Arinobu,
Y. Tada, Y. Nagata, A. Kawakami
7. Centromeric non-coding RNA controls cell division
Yukiko Cho
8. Role of LMTK1 in Cancer: Computational and Functional Analysis
Sandrine Burriel
9. Patients assessment of continuous glucose monitoring (CGM) for Self-control of adult patients with type 2 diabetes mellitus
Michiko Gushiken, Yukiko Omlor
10. Epithelial barrier disorganization and oral pain
R. U. Yoshimoto, R. Aijima, Y. Ohyama, J. Yoshizumi, T. Kiyoshima, M. A. Kido
11. Simultaneous detection of major food-poisoning bacteria by immunochromatography and surface plasmon resonance biosensor.
Hiroshi Kobayashi, Ken-ichi Honjoh, Takahisa Miyamoto
12. Recovery of heat-injured *Campylobacter jejuni* on plating media
Tomoe Okada, Kyoko Suda, Hiroshi Kobayashi
13. Floral thermogenesis in primitive seed plants
Yasuko Ito-Inaba
14. Payment for Ecosystem Services – a market-based mechanism designed to encourage the conservation of biodiversity and other natural resources in case of Aso, Kyushu Japan
H. Nomura, M. Yabe

15. Very long baseline interferometry observations of water and silicon-monoxide masers around evolved stars
Miyako Oyadomari
16. The EarthCare mission: Understanding the global Cloud-radiation distribution
K. Sato, H. Okamoto, S. Katagiri
17. Mechanotransduction and redox regulation of stem cells
T. Kuboki, F. Kantawong, S. Kidoaki
18. Towards: Characterizing the light-matter interactions of Rubidium vapour in a microbubble-type WGM resonator
Ratnesh Kumar Gupta, Cindy Liza Esporlas, Jonathan Ward, Sile Nic Chormaic
19. Pyrolysis of plastic wastes for synthesis of valuable carbon material
S. Oleszek, M. Grabda, E. Shibata, T. Nakamura, A. Buekens
20. Frequency comb generation at visible wavelengths in a silica microbubble resonator
Sho Kasumie
21. Engineering bright matter-wave solitons of dipolar condensates
M. J. Edmonds, T. Bland, R. Doran, N. G. Parker
22. Cold Rydberg Atoms near an Optical Nanofiber
Krishnapriya Subramonian Rajasree, Tridib Ray, Maria Langbecker, Kristoffer Karlsson, Sile Nic Chormaic
23. Selective excitation of higher order nanofiber modes and their interaction with cold atoms
Thomas Nieddu
24. Quantum walk and 2D phase
S. Sahar S. Hejazi
25. Solid body rotation of two-component Bose-Einstein condensates
Angela White, Tara Hennessy, Thomas Busch
26. Creating superfluid vortex rings in artificial magnetic fields
R. Sachdeva, J. Schloss, Th. Busch
27. Spatial adiabatic passage: interactions, particle separation, and shortcuts
A. Benseny, J. Gillet, A. Kiely, Y. Zhang, A. Ruschhaupt, Th. Busch
28. Controlling vortex rings in Bose-Einstein condensates using artificial gauge fields
James Schloss, Rashi Sachdeva, Lee O’Riordan, Thomas Busch
29. A compact optical nanofiber cavity for enhanced light-matter interactions
Wenfang Li, Jinjin Du, Viet Giang Truong, Sile Nic Chormaic
30. Thermodynamics of interacting heat engines
T. Fogarty, J. Li, S. Campbell, X. Chen, Th. Busch
31. Plasmonic Nanotweezers Based on Nanoring Structures for Micro- and Nanoparticle Trapping
Xue Han, Viet Giang, Truong, Sile Nic Chormaic
32. Microglia role in neuronal cell death in pinball eye (piy) zebrafish mutant
N. Ranawat, Y. Nishiwaki and I. Masai