Best Paper Award-winning Papers

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| --- | --- | --- | --- |
| **Year** | **Title** | **Author(s)\*** | **Pages** |
| **2011** | [Modulatory Effects of Capsaicin on *N*-diethylnitrosamine (DEN)-induced Mutagenesis in *Salmonella typhimurium* YG7108 and DEN-induced Hepatocarcinogenesis in *gpt* delta Transgenic Rats](https://www.jstage.jst.go.jp/article/jemsge/33/4/33_4_160/_pdf/-char/ja) | Naomi Toyoda-Hokaiwado, Yumiko Yasui, Makiko Takamune, Masami Yamada, Mina Muramatsu, Kenichi Masumura, Toshihiro Ohta, Takuji Tanaka, Takehiko Nohmi | 33(4): 160-166, 2011 |
| **2012** | [Novel Antimutagenic Proteins in the Edible Mushroom *Agrocybe cylindracea*](https://www.jstage.jst.go.jp/article/jemsge/34/1/34_1_9/_pdf/-char/ja) | Kasane Yoneda, Akiko Shiozawa, Aiko Kitahara, Eizo Takahashi, Sakae Arimoto, Keinosuke Okamoto, Tomoe Negishi | 34(1):  9-17, 2012 |
| **2013** | [Generation and Threshold Level of 8-OHdG as Oxidative DNA Damage Elicited by Low Dose Ionizing Radiation](https://www.jstage.jst.go.jp/article/jemsge/35/3/35_2013.006/_pdf/-char/ja) | Yun-Shan Li, Ming-Fen Song, Hiroshi Kasai, Kazuaki Kawai | 35 (3): 88-92, 2013 |
| **2014** | [An Easy-to-use Genotoxicity Assay Using EGFP-MDC1-expressing Human Cells](https://www.jstage.jst.go.jp/article/jemsge/36/1/36_2014.001/_pdf/-char/en) | Shun Matsuda, Ryo Matsuda, Yoko Matsuda, Shin-ya Yanagisawa, Masae Ikura, Tsuyoshi Ikura, Tomonari Matsuda | 36 (1): 17-28, 2014 |
| **2015†** | [Long-range transport of mutagens and other air pollutants from mainland East Asia to western Japan](https://genesenvironment.biomedcentral.com/track/pdf/10.1186/s41021-016-0045-9.pdf) | Souleymane Coulibaly, Hiroki Minami, Maho Abe, Tomohiro Hasei, Daichi Asakawa, Masanari Watanabe, Naoko Honda, Keiji Wakabayashi, Tetsushi Watanabe | 37: 25 |
| **2016** | [Mutagenic consequences of cytosine alterations site-specifically embedded in the human genome](https://genesenvironment.biomedcentral.com/track/pdf/10.1186/s41021-016-0045-9.pdf) | Akira Sassa, Yuki Kanemaru, Masamitsu Honma, Manabu Yasui | 38:17 |
| **2017** | [DNA polymerase kappa protects human cells against MMC-induced genotoxicity through error-free translesion DNA synthesis](https://genesenvironment.biomedcentral.com/track/pdf/10.1186/s41021-016-0067-3.pdf) | Yuki Kanemaru, Tetsuya Suzuki, Akira Sassa, Kyomu Matsumoto, Noritaka Adachi, Masamitsu Honma, Satoshi Numazawa, Takehiko Nohmi | 39:6 |
| **2018** | [Measurement of 8-hydroxyguanine as an oxidative stress biomarker in saliva by HPLC-ECD](https://genesenvironment.biomedcentral.com/track/pdf/10.1186/s41021-018-0095-2.pdf) | Kazuaki Kawai, Hiroshi Kasai, Yun-Shan Li, Yuya Kawasaki, Shintaro Watanabe | 40:5 |
| **2019** | [Live-cell imaging of macrophage phagocytosis of asbestos fibers under fluorescence microscopy](https://genesenvironment.biomedcentral.com/track/pdf/10.1186/s41021-019-0129-4.pdf) | Akio Kuroda | 41:14 |

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