
Contents

- GUEST EDITORIAL**
- 365 *Yuichi Otsuka, Luca Spogli, S. Tulası Ram, and GuoZhu Li*
Preface to the Special Issue on recent advances in the study of Equatorial Plasma Bubbles and Ionospheric Scintillation (doi: 10.26464/epp2021050)
- RESEARCH ARTICLES**
- 368 *H. Takahashi, P. Essien, C. A. O. B. Figueiredo, C. M. Wrasse, D. Barros, M. A. Abdu, Y. Otsuka, K. Shiokawa, and GuoZhu Li*
Multi-instrument study of longitudinal wave structures for plasma bubble seeding in the equatorial ionosphere (doi: 10.26464/epp2021047)
- 378 *K. K. Ajith, S. Tulası Ram, GuoZhu Li, M. Yamamoto, K. Hozumi, C. Y. Yatini, and P. Supnithi*
On the solar activity dependence of midnight equatorial plasma bubbles during June solstice periods (doi: 10.26464/epp2021039)
- 387 *P. Abadi, Y. Otsuka, HuiXin Liu, K. Hozumi, D. R. Martinigrum, P. Jamjareegulgarn, Le Truong Thanh, and R. Otadoy*
Roles of thermospheric neutral wind and equatorial electrojet in pre-reversal enhancement, deduced from observations in Southeast Asia (doi: 10.26464/epp2021049)
- 397 *Cristiano Max Wrasse, Cosme Alexandre Oliveira Barros Figueiredo, Diego Barros, Hisao Takahashi, Alexander José Carrasco, Luiz Fillip Rodrigues Vital, Láysa Cristina Araujo Resende, Fábio Egito, Geângelo de Matos Rosa, and Antonio Hélder Rodrigues Sampaio*
Interaction between Equatorial Plasma Bubbles and a Medium-Scale Traveling Ionospheric Disturbance, observed by OI 630 nm airglow imaging at Bom Jesus de Lapa, Brazil (doi: 10.26464/epp2021045)
- 407 *Kun Wu, JiYao Xu, YaJun Zhu, and Wei Yuan*
Occurrence characteristics of branching structures in equatorial plasma bubbles: a statistical study based on all-sky imagers in China (doi: 10.26464/epp2021044)
- 416 *FuQing Huang, JiuHou Lei, Chao Xiong, JiaHao Zhong, and GuoZhu Li*
Observations of equatorial plasma bubbles during the geomagnetic storm of October 2016 (doi: 10.26464/epp2021043)
- 427 *Yuichi Otsuka, Atsuki Shinbori, Takuya Sori, Takuya Tsugawa, Michi Nishioka, and Joseph D. Huba*
Plasma depletions lasting into daytime during the recovery phase of a geomagnetic storm in May 2017: Analysis and simulation of GPS total electron content observations (doi: 10.26464/epp2021046)
- 435 *LongChang Sun, JiYao Xu, YaJun Zhu, Wei Yuan, and XiuKuan Zhao*
Case study of an Equatorial Plasma Bubble Event investigated by multiple ground-based instruments at low latitudes over China (doi: 10.26464/epp2021048)
- 450 *Claudio Cesaroni, Luca Spogli, Giorgiana De Franceschi, Juliana Garrido Damaceno, Marcin Grzesiak, Bruno Vani, Joao Francisco Galera Monico, Vincenzo Romano, Lucilla Alfonsi, and Massimo Cafaro*
A measure of ionospheric irregularities: zonal velocity and its implications for L-band scintillation at low-latitudes (doi: 10.26464/epp2021042)
- REVIEW**
- 462 *Yi Liu, Chen Zhou, Tong Xu, Qiong Tang, ZhongXin Deng, GuanYi Chen, and ZhuangKai Wang*
Review of ionospheric irregularities and ionospheric electrodynamic coupling in the middle latitude region (doi: 10.26464/epp2021025)