

---

**SUBJECT INDEX TO VOLUME 61 (2016)**

---

**SPECIAL TOPIC: Advances in Artemisinin Study****EDITORIAL**

---

- 1(1) **Artemisinin and plant secondary metabolism**  
Xiao-Ya Chen • Zhihong Xu

**REVIEWS**

---

- 3(1) **Recent advances in biosynthesis of bioactive compounds intraditional Chinese medicinal plants**  
Lei Yang • Changqing Yang • Chenyi Li • Qing Zhao • Ling Liu • Xin Fang • Xiao-Ya Chen
- 18(1) **Transcriptional regulation of artemisinin biosynthesis in *Artemisia annua* L.**  
Qian Shen • Tingxiang Yan • Xueqing Fu • Kexuan Tang
- 26(1) ***Artemisia annua* glandular secretory trichomes: the biofactory of antimalarial agent artemisinin**  
Ling Xiao • Hexin Tan • Lei Zhang
- 37(1) **Development of artemisinin drugs in the treatment of autoimmune diseases**  
Yanwei Wu • Wei Tang • Jianping Zuo

**COMMENTARY**

---

- 42(1) ***Artemisia annua*, artemisinin, and the Nobel Prize: beauty of natural products and educational significance**  
De-Yu Xie

---

**SPECIAL TOPIC: Materials for Energy Conversion****EDITORIAL**

---

- 585(8) **Materials for energy conversion**  
Ned Djilali

**ARTICLES**

---

- 587(8) **The effect of nitrogen annealing on lithium ion intercalation in nickel-doped lithium trivanadate**  
Yaguang Liu • Cuiping Zhang • Chaofeng Liu • Huanqiao Song • Xihui Nan • Guozhong Cao
- 594(8) **Investigation of the hydrogen adsorbed density inside the pores of MOF-5 from path integral grand canonical Monte Carlo at supercritical and subcritical temperature**  
David Durette • Pierre Bénard • Renju Zacharia • Richard Chahine
- 601(8) **Determining the impact of rectangular grain aspect ratio on tortuosity–porosity correlations of two-dimensional stochastically generated porous media**  
A. Ebrahimi Khabbazi • J. Hinebaugh • A. Bazylak
- 612(8) **Characterization of different plasma-treated cobalt oxide catalysts for oxygen reduction reaction in alkaline media**  
Lisa M. Uhlig • Gustav Sievers • Volker Brüser • Alexander Dyck • Gunther Wittstock

---

**SPECIAL TOPIC: Plant Development and Reproduction****EDITORIAL**

---

- 825(11) **Plant development and reproduction**  
Dabing Zhang

**REVIEWS**

---

- 827(11) **The journey to glory: receptor-like kinases in pollen tube growth**  
Sen Chai • Furong Ge • Sha Li • Yan Zhang
- 832(11) **Pollen wall pattern in *Arabidopsis***  
Te Xu • Cheng Zhang • Que Zhou • Zhong-Nan Yang
- 838(11) **Transition of primary to secondary cell wall synthesis**  
Zheng Li • Alisdair R. Fernie • Staffan Persson

**ARTICLES**

---

- 847(11) **Stem cell lineage in body layer specialization and vascular patterning of rice root and leaf**  
Minhuan Zeng • Bo Hu • Jiqin Li • Guifang Zhang • Ying Ruan • Hai Huang • Hua Wang • Lin Xu
- 859(11) **Overexpression of the bacterial tryptophan oxidase *RebO* affects auxin biosynthesis and *Arabidopsis* development**  
Yangbin Gao • Xinhua Dai • Zuyu Zheng • Hiroyuki Kasahara • Yuji Kamiya • Joanne Chory • David Ballou • Yunde Zhao

---

**SPECIAL TOPIC: Modeling of Solid Oxide Fuel Cells****EDITORIAL**

---

- 1311(17) **Modeling of solid oxide fuel cells**  
Meng Ni

**NEWS & VIEWS**

---

- 1313(17) **Is 2D stereological method good enough for quantification of solid oxide fuel cell electrode microstructure?**  
Yanxiang Zhang • Jingbo Ma • Mufu Yan

**ARTICLES**

---

- 1317(17) **3D reconstruction size effect on the quantification of solid oxide fuel cell nickel–yttria-stabilized-zirconia anode microstructural information using scanning electron microscopy-focused ion beam technique**  
Zhenjun Jiao • Naoki Shikazono
- 1324(17) **Modelling of finger-like channelled anode support for SOFCs application**  
Bin Chen • Haoran Xu • Meng Ni
- 1333(17) **Solid oxide fuel cell interconnect design optimization considering the thermal stresses**  
Min Xu • Tingshuai Li • Ming Yang • Martin Andersson
- 1345(17) **Multiphysics modeling of solid-oxide iron–air redox battery: analysis and optimization of operation and performance parameters**  
Xinfang Jin • Kevin Huang

Download English Version:

<https://daneshyari.com/en/article/5788701>

Download Persian Version:

<https://daneshyari.com/article/5788701>

[Daneshyari.com](https://daneshyari.com)