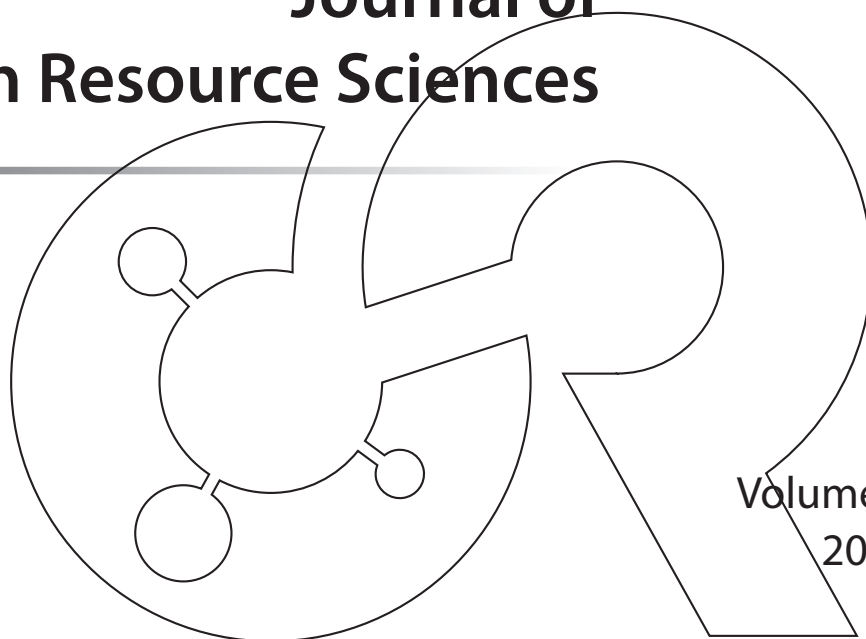


Journal of Novel Carbon Resource Sciences



Volume 2
2010

Editorial Board

Editor-in-Chief:

Seigi Mizuno

Editors:

Kazuhide Ito, Kana Moroga, Yasushi Okumura, Keiko Sasaki and Katsuhiko Tomooka

Journal of Novel Carbon Resource Sciences

Instructions for Authors

1. The following instructions prescribe requirements for submission of articles for Journal of Novel Carbon Resource Sciences (JNCRS), the Journal of the Global COE "Novel Carbon Resource Sciences" (GCOE-NCRS), Kyushu University.
2. Acceptable Articles: Unpublished papers, reviews or micro reviews and technical report written in English. Submission of papers or reviews written in Japanese should be acknowledged in each case by the editorial committee.
3. Qualification: Researchers, staff and students related to GCOE-NCRS, or those who have been introduced by researchers or staff related to GCOE-NCRS.
4. Manuscripts: Submitted papers or reviews should follow "Instructions for Manuscripts" which are prescribed separately.
5. Review Process: Referee system is adopted. Acceptance of articles is determined by the editorial committee on the basis of the review conducted by the referees delegated by the editorial committee.
6. Date of Acceptance: Date of acceptance shall be the date when the members of editorial committee have accepted the article.
7. Others: Other required matters for submission of articles shall be determined by the editorial committee.

CONTENTS

Phung Quoc Huy, Kyuro Sasaki, Yuichi Sugai, Maneeintr Kreangkrai and Tayfun Babadagli Numerical Simulation of CO₂ Enhanced Coal Bed Methane Recovery for a Vietnamese Coal Seam	1
Agung Tri Wijayanta, Alam Md. Saiful, Koichi Nakaso and Jun Fukai Detailed Reaction Mechanisms of Coal Volatile Combustion: Comparison between Without Soot and Soot Models	8
Alam Md. Saiful, Agung Tri Wijayanta, Koichi Nakaso and Jun Fukai Predictions of O₂/N₂ and O₂/CO₂ Mixture Effects during Coal Combustion using Probability Density Function	12
Kenjiro Hayashi, Seigi Mizuno and Satoru Tanaka LEED analysis of graphite films on vicinal 6H-SiC(0001) surface	17
Hideo Koide, Tomoko Seiichi, Kazuki Tamura, Woojong Jung, Hirofumi Nakayama, Shintaro Matsuda and Kana Moroga Possibility of Cooperation for a Low Carbon Society: Comparison of the Fukuoka and Busan Metropolitan Cities	21
(Micro Review) Carlo M. Orofeo, Hiroki Ago, Naoki Yoshihara and Masaharu Tsuji Methods to Horizontally Align Single-Walled Carbon Nanotubes on Amorphous Substrate	36
(Technical Report) Kreangkrai Maneeintr, Kyuro Sasaki and Yuichi Sugai Experiment and Numerical Simulation of Japanese Heavy Oil Recovery	41