

회원 해의논문 발간리스트

회원명	분야	논문제목	학술지명	권호	발간년월
		저자	DOI number	페이지	기타
김덕민	지하수	Underestimation of alkaline dosage and precipitate amount during water treatment: Role of inorganic carbon and use of PHREEQ-N-AMDTreat	Journal of Cleaner Production	433	2023.12.
		Kim, D.-M.*, Kwon, H.-L., Park, M.-S.	10.1016/j.jclepro.2023.139683	139683	-
김덕민	토양	Characteristics of soil contamination by potentially toxic elements in mine areas of Mongolia	Environmental Geochemistry and Health	46(1)	2024.01.
		Yoon, S., Kim, D.-M.*, Yu, S., Batsaikhan, B., Kim, T., Yun, S.-T.*	10.1007/s10653-023-01812-4	15	-
김덕민	토양	Synergistic effect from combined use of scrap-recycling slag and hydrated lime to stabilize Pb and Zn in highly contaminated soil	Environmental Science and Pollution Research	31(3)	2024.01.
		Kim, D.-M.*, Bang, S., Im, D.-G., Yoon, S.	10.1007/s11356-023-31527-z	4220-4237	-
김필곤	토양	Volatile organic compounds sampling and analysis using needle trap device	Journal of Chromatography Open	5	2024.01
		Ga-Yeong Jeong, Jun-Ho Kim, Yong-seok Hong, Pil-Gon Kim, In-Yong Eom*	https://doi.org/10.1016/j.jcoa.2023.100112	100112	-
옥용식	토양	A hidden demethylation pathway removes mercury from rice plants and mitigates mercury flux to food chains	Nature food	-	2024.01.04
		Wenli Tang, Xu Bai, Yang Zhou, Christian Sonne*, Mengjie Wu, Su Shiung Lam, Holger Hintelmann, Carl P. J. Mitchell, Alexander Johs, Baohua Gu, Luís Nunes, Cun Liu, Naixian Feng, Sihai Yang, Jörg Rinklebe, Yan Lin, Long Chen, Yanxu Zhang, Yanan Yang, Jiaqi Wang, Shouying Li, Qingru Wu, Yong Sik Ok, Diandou Xu, Hong Li, Xu-Xiang Zhang, Hongqiang Ren, Guibin Jiang, Zhifang Chai, Yuxi Gao*, Jiating Zhao* and Huan Zhong*	doi.org/10.1038/s43016-023-00910-x	72-82	-
옥용식	토양	Current status on utilizing a life cycle system perspective to evaluate renewable energy production systems for achieving UN SDGs	Resources, Conservation and Recycling	203	2024.04.01
		Alvin WL Ee, Jonathan TE Lee, Hailin Tian, Ee Yang Lim, Miao Yan, Yen Wah Tong, Jingxin Zhang, Adam TS Ng, Yong Sik Ok* and Ham Wei Kua*	doi.org/10.1016/j.resconrec.2023.107381	107381	-

옥용식	토양	A critical review of the interactions between rhizosphere and biochar during the remediation of metal(loid) contaminated soils	Biochar	5(87)	2023.12.11
		Chuanfang Fan, Yanshan Cui*, Qianru Zhang*, Naiyi Yin, Xiaolin Cai, Xiangzhou Yuan, Sachini Senadheera, Yoora Cho and Yong Sik Ok*	doi.org/10.1007/s42773-023-00278-y	-	-
옥용식	토양	Conversion of biochar into sulfonate-bearing solid acids used for the hydrolysis of tylosin: the effect of aromaticity and degree of condensation	Biochar	5(88)	2023.12.12
		Qianqian Xie, Xiao Yang, Binoy Sarkar, Xiaomin Dou*, Piumi Amasha Withana and Yong Sik Ok*	doi.org/10.1007/s42773-023-00277-z	-	-
옥용식	토양	Soil microplastic analysis: a harmonized methodology	Critical Reviews in Environmental Science and Technology	-	2024.01.16
		Piumi Amasha Withana, Sachini Supunsala Senadheera, Defu He, Michael S Bank, Cheng Gu, Sung Yeon Hwang and Yong Sik Ok*	doi.org/10.1080/10643389.2023.2301052	-	-
옥용식	토양	Machine learning based prediction and experimental validation of arsenite and arsenate sorption on biochars	Science of the Total Environment	904	2023.12.15
		Wei Zhang, Waqar Muhammad Ashraf, Sachini Supunsala Senadheera, Daniel S. Alessi, Filip M.G. Tack and Yong Sik Ok*	doi.org/10.1016/j.scitotenv.2023.166678	166678	-
옥용식	토양	Extractability and phytotoxicity of heavy metals and essential elements from plastics in soil solutions and root exudates	Science of the Total Environment	905	2023.12.20
		Katarzyna Jędruchiewicz, Aleksandra Bogusz, Marcin Chańko, Michael S. Bank, Daniel S. Alessi, Yong Sik Ok and Patryk Oleszczuk*	doi.org/10.1016/j.scitotenv.2023.166100	166100	-
옥용식	토양	Influence of biochar addition and plant management (cutting and time) on ryegrass growth and migration of As and Pb during phytostabilization	Science of The Total Environment	913	2024.02.25
		Jing Qiu*, Marcella Fernandes De Souza, Xiaolin Wang, Yong Sik Ok and Erik Meers	doi.org/10.1016/j.scitotenv.2023.169771	169771	-
옥용식	토양	Machine learning prediction and interpretation of the impact of microplastics on soil properties	Environmental Pollution	341	2024.01.15
		Piumi Amasha Withana, Jie Li, Sachini Supunsala Senadheera, Chuanfang Fan, Yin Wang and Yong Sik Ok*	doi.org/10.1016/j.envpol.2023.122833	122833	-

옥용식	토양	Regional and global hotspots of arsenic contamination of topsoil identified by deep learning	Communications Earth & Environment	5(1)	2024.01.03
		Mengting Wu, Chongchong Qi*, Sybil Derrible, Yosoon Choi, Andy Fourie and Yong Sik Ok*	doi.org/10.1038/s43247-023-01177-7	10	-
옥용식	토양	Impacts of microplastics on terrestrial plants: a critical review	Land Degradation and Development	-	2024.01.31
		Xiaoqi Sun, Piumi Amasha Withana, Kumuduni Niroshika Palansooriya, Meththika Vithanage, Xiao Yang, Sang-Ryong Lee, Michael S. Bank, Siming You and Yong Sik Ok*	doi.org/10.1002/ldr.5026	-	-
옥용식	토양	Navigating the Challenges of Environmental, Social, and Governance (ESG) Reporting: The Path to Broader Sustainable Development	Sustainability	16(2)	2024.01.10
		Shauhrat S. Chopra*, Sachini Supunsala Senadheera, Pavani Dulanja Dissanayake, Piumi Amasha Withana, Rajeev Chib, Jay Hyuk Rhee and Yong Sik Ok*	doi.org/10.3390/su16020606	606	-
옥용식	토양	Contrasting effects of food waste and its biochar on soil properties and lettuce growth in a microplastic-contaminated soil	Applied Biological Chemistry	67(1)	2024.01.10
		Kumuduni Niroshika Palansooriya, Piumi Amasha Withana, Yoonah Jeong, Mee Kyung Sang, Yoora Cho, Geonwook Hwang, Scott X Chang and Yong Sik Ok*	doi.org/10.1186/s13765-023-00851-w	1-16	-
옥용식	토양	Optimizing bioplastics translation	Nature Reviews Bioengineering	-	2024.01.18
		Lam Tan Hao, Sunghin Ju, Dong Ki Hwang, Dong Soo Hwang, Yong Sik Ok, Sung Yeon Hwang, Hyo Jeong Kim, Hyeonyeol Jeon*, Jeyoung Park*, Dongyeop X Oh* and Jun Mo Koo*	doi.org/10.1038/s44222-023-00142-5	1-16	-
장민	지하수	Understanding the synergistic effect of hydrated electron generation from argon plasma catalysis over Bi ₂ O ₃ /CeO ₂ for perfluorooctanoic acid dehalogenation: Mechanism and DFT study	Applied Catalysis B: Environmental	343	2024
		Choe Earm Choong, Minhee Kim, Jun Sup Lim, Young June Hong, Geon Joon Lee, Keun Hwa Chae, In Wook Nah, Yeomin Yoon, Eun Ha Choi, Min Jang*	https://doi.org/10.1016/j.apcatb.2023.123403	123403	-
진성욱	지하수	Water-rock interactions of uranium deposits: a field study and laboratory batch experiments	Applied Geochemistry	161	2024.01
		Cho, H., Kim, J., Lee, S.-S., Lee, K.-K., Jo, J., Shin, D., Ryu, J.-H., Jeon, S.-W.*	https://doi.org/10.1016/j.apgeochem.2023.105880	105880	-