

회원 해의논문 발간리스트

회원명	분야	논문제목	학술지명	권호	발간년월
		저자	DOI number	페이지	기타
박재우	수질	Green Synthesis and Characterization of LED-Irradiation-Responsive Nano ZnO Catalyst and Photocatalytic Mineralization of Malachite Green Dye	Water	14(20)	2022-11-07
		Brijesh Pare, Veer Singh Barde*, Vijendra Singh Solanki*, Neha Agarwal, Virendra Kumar Yadav, M. Mujahid Alam, Amel Gacem, Taghreed Alsufyani, Nidhal Ben Khedher, Jae-Woo Park, Sungmin Park and Byong-Hun Jeon*	10.3390/w14203221	pp.1-11	
		Synthesis and characterization of SSM@NiO/TiO ₂ p-n junction catalyst for bisphenol a degradation	Chemosphere	308(3)	Dec-22
		NaheeKim, Mumtaz Alic, Hassan Anwer*, Jae-WooPark*, Iqra Irfan	10.1016/j.chemosphere.2022.136425	pp.1-11	
		A Recent and Systemic Approach Towards Microbial Biodegradation of Dyes from Textile Industries	Water	14(19)	2022-10-22
		Heli Patel, Virendra Kumar Yadav*, Krishna Kumar Yadav Nisha Choudhary, Haresh Kalasariya, M. Mujahid Alam, Amel Gacem, Mohammed Amanullah, Hala A. Ibrahim, Jae-Woo Park, Sungmin Park and Byong-Hun Jeon*	10.3390/w14193163	pp.1-24	
		Development of an effective operation system in a magnesium-air desalination cell for electricity production with nitrogen and phosphorus removal	Desalination	545	Jan-23
		Asad Mahmood, Jung Hwan Kim*, Jae-Woo Park*	10.1016/j.desal.2022.116164	pp.1-11	
		Citric, succinic, and vanillic acid-functionalized magnetic-cored dendrimer for methylene blue adsorption	Journal of Environmental Science and Health, Part A Toxic/Hazardous Substances and Environmental Engineering	57(10)	2022-10-15
		Hyun-Kyung Kim, Hassan Anwer, Jae-Woo Park*	10.1080/10934529.2022.2130646	pp.902-912	
	대기	Carbon-integrated semiconductor photocatalysts for removal of volatile organic compounds in indoor environments	Chemical Engineering Journal	452(3)	2022-12-04
		Adnan Ahmad, Mumtaz Ali*, Abdullah G. Al-Sehemi, Ahmed A. Al-Ghamdi, Jae-Woo Park*, Hamed Algarni, Hassan Anwer*	10.1016/j.cej.2022.139436	pp.1-25	

박재우	수질	Thermosensitive poly(N-isopropylacrylamide)-grafted magnetic-cored dendrimers for benzene uptake	Chemosphere	307(3)	2022-10-19
		Ye-Lim Han, Hye-Ran Kim, Hyun-Kyung Kim, Jae-Woo Park*	10.1016/j.chemosphere.2022.135988	pp.1-10	
송호철	토양	Rice hull biochar enhances the mobilization and methylation of mercury in a soil under changing redox conditions: Implication for Hg risks management in paddy fields	Environment International	168	2022.10
		Ying Xing, Jianxu Wang, Christoph E.S. Kinder, Xing Yang, Michal Slany, Bing Wang, Hocheol Song, Sabry M. Shaheen, Peter Leinweber, Jörg Rinklebe*	10.1016/j.envint.2022.107484	107484	
	지하수	Removal of nanoplastics in water treatment processes: A review	Science of The Total Environment	845	2022.11
		M. Keerthana Devi, N. Karneagam*, S. Manikandan, R. Subbaiya, Hocheol Song, Eilhann E. Kwon, Binoy Sarkar, Nanthi Bolan, Woong Kim, Jörg Rinklebe*, M. Govarthanan*	10.1016/j.scitotenv.2022.157168	157168	
	토양	Mechanisms and influencing factors of yttrium sorption on paddy soil: Experiments and modeling	Chemosphere	307	2022.11
		Xiaoxiao Han, Lingqing Wang*, Yong Wang, Jun Yang, Xiaoming Wan, Tao Liang, Hocheol Song, Tamer A. Elbana, Jörg Rinklebe*	10.1016/j.chemosphere.2022.135688	135688	
	지하수	Mitigation of hazardous toluene via ozone-catalyzed oxidation using MnOx/Sawdust biochar catalyst	Environmental Pollution	312	2022.11
		Jin Sun Cha, Young-Min Kim, Im Hack Lee, Yong Jun Choi, Gwang Hoon Rhee, Hocheol Song, Byong-Hun Jeon, Su Shiung Lam, Moonis Ali Khan, Kun-Yi Andrew Lin, Wei-Hsin Chen, Young-Kwon Park*	10.1016/j.envpol.2022.119920	119920	
		Beneficial use of Fe-impregnated bentonite as a catalyst for pyrolysis of grass cut into syngas, bio-oil and biochar	Chemical Engineering Journal	448	2022.11
		Gihoon Kwon, Dong-Wan Cho, Eilhann E. Kwon, Jörg Rinklebe, Hailong Wang, Hocheol Song*	10.1016/j.cej.2022.137502	137502	
	토양	Abundance, spatial variation, and sources of rare earth elements in soils around ion-adsorbed rare earth mining areas	Environmental Pollution	313	2022.11
		Wanshu Li, Yiping Zuo, Lingqing Wang*, Xiaoming Wan, Jun Yang, Tao Liang, Hocheol Song, Christoph Weihrauch, Jörg Rinklebe	10.1016/j.envpol.2022.120099	120099	
		Release and mobilization of Ni, Co, and Cr under dynamic redox changes in a geogenic contaminated soil: Assessing the potential risk in serpentine paddy environments	Science of The Total Environment	850	2022.12
		Sabry M. Shaheen, Hsin-Yu Chen, Hocheol Song, Jörg Rinklebe*, Zeng-Yei Hseu*	10.1016/j.scitotenv.2022.158087	158087	

송호철	토양	Potentially toxic elements exposure biomonitoring in the elderly around the largest polymetallic rare earth ore mining and smelting area in China	Science of The Total Environment	853	2022.12
		Lijun Dai, Lingqing Wang*, Xiaoming Wan, Jun Yang, Yong Wang, Tao Liang, Hocheol Song, Sabry M. Shaheen, Vasileios Antoniadis, Jörg Rinklebe	10.1016/j.scitotenv.2022.158635	158635	
정상용	지하수	Inferences on metal pollution in the natural spawning zone of Bangladesh river and pollution management strategies	Environmental Monitoring Assessment	194:915	Nov. 2022
		Md. Wahidul Alam · Mohammad Mostafizur Rahman · Md. Simul Bhuyan · Venkatramanan Senapathi · Chung Sang Yong* · Sivakumar Karthikeyan · Selvam Sekar ·	https://doi.org/10.1007/s10661-022-10544-4		on line
		A review on global status of fresh and saline groundwater discharge into the ocean	Environmental Monitoring Assessment	194:916	Oct. 2022
		Selvam Sekar* · Muthukumar Perumal · Priyadarsi Debajyoti Roy · Moorthy Ganapathy · Venkatramanan Senapathi · Sang Yong Chung · Hussam Eldin Elzain · Manimaran Duraisamy · Jesuraja Kamaraj Moorthy Ganapathy · Venkatramanan Senapathi · Sang Yong Chung · Hussam Eldin Elzain · Manimaran Duraisamy · Jesuraja Kamaraj	https://doi.org/10.1007/s10661-022-10566-y		on line