

참여자 SCI/SCIE 연구실적(2021. 1. 1. ~ 2021. 12. 31)

주최자수 = 제1 + 교신

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공저자수+총저자수-주최자수

학술지명	논문명	ISSN (0000-0000)	해당논문DOI(Digital Object Identifier)	출판연도	학술지구분 (SCI/SCIE)	개재년월 (YYYYMM)	역할 (제1, 교신, 공저)
Archives of Biochemistry and Biophysics	Coptisine induces autophagic cell death through down-regulation of mTOR signaling	0003-9861	10.1016/j.abb.2020.108688	69(71)	SCIE(E)	202101	교신
Brain Sciences	Exposure to commercial cigarette smoke produces psychotropic effects in mice	2076-3425	10.3390/brainsci11010014	1(11)	SCIE(E)	202101	교신
INTERNATIONAL JOURNAL OF MOLECULAR MICROBIOLOGY	Molecular Characterization of Paracitricus chiosensis MA1	1422-0067	10.3390/ijms21010125	2(21)	SCIE(E)	202101	교신
Plants-based	Plants under the Attack of Aliens: Moving towards the Plants	2223-7747	10.3390/plants10010125	10(1)	SCIE(E)	202101	교신
International Journal of Molecular Environmental Pollution	Recent Advances of Microbiome-Associated Metabolites in Environmental Pollution	1422-0067	10.3390/ijms21031160	2(23)	SCIE(E)	202101	교신
EMBO Journal	Spatial patterning of chlorophyll a and water-quality mediated by the E3 ubiquitin ligase Pell1 regulates the metabolic activity of cyanobacteria	0269-7491	10.1016/j.emboj.2020.115701	26(80)	SCIE(E)	202101	교신
Plant Disease	The E3 ubiquitin ligase Pell1 regulates the metabolic activity of cyanobacteria	1460-2074	10.15252/emboj.2020104532	40(2)	SCIE(E)	202101	공저
Journal of Microbiology	NF-κB-inducing kinase maintains T cell metabolic fitness through regulation of mitochondrial metabolism	0191-2917	10.1094/PHYTO-06-20-1242-RE	10(51)	SCIE(E)	202101	교신
FRONTIERS IN MARINE SCIENCE	Functional and Structural characterization of Dinocystocystis	1225-8875	10.1016/j.jmvs.2020.103980	5(92)	SCIE(E)	202102	교신
ICES JOURNAL OF MARINE SCIENCE	Growth and Photoacclimation Strategies of Three Zostera Species in Response to Salinity Stress	2296-7745	10.3389/fmars.2021.594779	8(1)	SCIE(E)	202102	공저
ICES JOURNAL OF MARINE SCIENCE	Growth and reproductive responses of the seagrass Zostera marina to salinity stress	1054-3139	10.1093/icesjms/fsab031	78(3)	SCIE(E)	202102	교신
Plants-based	Mapping of a Major QTL, qBKT1 Z, for Baktana Disease Resistance in Zea mays	2223-7747	10.3390/plants10030434	10(3)	SCIE(E)	202102	공저
Nature Immunology	NF-κB-inducing kinase maintains T cell metabolic fitness through regulation of mitochondrial metabolism	1529-2908	10.1038/s41590-021-00892-7	22(4)	SCIE(E)	202102	공저
Journal of Water Process Engineering	Potential of versatile bacteria isolated from activated sludge for the treatment of organic pollutants	2214-7144	10.1016/j.jwpe.2020.103980	3(91)	SCIE(E)	202102	교신
Microbial Ecology	Spatial Variance of Species Distribution Predicts the Interactions between Species	0095-3628	10.1007/s00248-020-01603-9	81(2)	SCIE(E)	202102	교신
Materials	Urethane Dimethacrylate Influences the Cariogenic Properties of Streptococcus mutans	1996-1944	10.3390/ma114041015	14(4)	SCIE(E)	202102	공저
MOLECULES	Betulinic Acid Restricts Human Bladder Cancer Cell Proliferation	1420-3049	10.3390/molecules26051381	26(5)	SCIE(E)	202103	공저
International Journal of Molecular Microbiology	Dual Specificity Kinase DYRK3 Promotes Aggressiveness of Glioblastoma Cells	1422-0067	10.3390/ijms20062967	21(6)	SCIE(E)	202103	교신
Microbial Biotechnol	Identification and characterization of a novel thermophilic bacterium	1017-7825	10.4014/jmb.20.12.026	31(3)	SCIE(E)	202103	교신
Communications Biology	Progerin, an optimized progerin-lamin A binding inhibitor, reduces progerin-induced DNA damage	2399-3642	10.1038/s42003-021-01843-6	4(1)	SCIE(E)	202103	교신
Addiction Biology	Repeated nicotine exposure increases the intracellular inhibition of nicotinic acetylcholine receptors	1355-6215	10.1111/adb.12913	26	SCIE(E)	202103	교신
Microorganisms	Response of Pine Rhizosphere Microbiota to Foliar Treatments with Plant Growth Regulators	2076-2607	10.3390/microorganisms9040688	9(4)	SCIE(E)	202103	교신
ECOLOGICAL ENGINEERING	Assessment of restoration success in a transplanted seagrass bed	0925-8574	10.1016/j.ecolega.2021.106239	166(0)	SCIE(E)	202104	공저
Frontiers in Cell and Developmental Biology	Autophagic organelles in DNA damage response	1662-4543	10.3389/fcell.2021.666735	9(9)	SCIE(E)	202104	공저
Biochemical and Biophysical Research Communications	Beta-strand-mediated dimeric formation of the Ig-like domain of the protein tyrosine phosphatase SH-PTPase	0006-291X	10.1016/j.bbrc.2021.02.102	550(0)	SCIE(E)	202104	공저
BIOLOGICAL INVASIONS	Effective detection methods for Pectinella magnifica Lebour in the field	1387-3547	10.1007/s10530-020-02437-9	23(4)	SCIE(E)	202104	공저
Microbial Ecology	Effects of Plants on Metacommunities and Correlation Network	0095-3628	10.1007/s00248-020-01625-3	81(3)	SCIE(E)	202104	교신
Microorganisms	Genetic mutations that confer fluoride resistance modify the growth of Streptococcus mutans	2076-2607	10.3390/microorganisms9040849	9(4)	SCIE(E)	202104	교신
Scientific Reports	Human NRP1 is an intrinsic inhibitor of progerin, abundant in senescent cells	2045-2322	10.1038/s41598-021-08325-1	11(1)	SCIE(E)	202104	교신
International Journal of Molecular Microbiology	Non-TZ protein AIC3HS5/ZPWD3 is involved in seed germination	1422-0067	10.3390/ijms22094758	22(9)	SCIE(E)	202104	교신
INTERNATIONAL JOURNAL OF MOLECULAR MICROBIOLOGY	ROS-Mediated Anti-Tumor Effect of Coptidis Rhizoma against HepG2 Cells	1422-0067	10.3390/ijms22094758	22(9)	SCIE(E)	202104	교신
LANDSCAPE AND URBAN PLANNING	Secondary forest development during urbanization sustains biodiversity	0169-2046	10.1016/j.landurbplan.2020.104021	208(0)	SCIE(E)	202104	공저
Molecular Therapy	siRNAs from tonsil-derived mesenchymal stromal cells alleviate inflammation in a murine model of multiple sclerosis	1525-0016	10.1016/j.ymthe.2020.12.025	4(7)	SCIE(E)	202104	공저
JOURNAL OF ENVIRONMENTAL MICROBIOLOGY	Spatial distribution patterns of Eurasian otter (Lutra lutra) in the Tiber River	1726-2135	10.30802/jem.202003443	3(72)	SCIE(E)	202104	교신
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	Structural basis of the p53 DNA binding domain and its interaction with MDM2	0006-291X	10.1016/j.bbrc.2021.02.049	549(0)	SCIE(E)	202104	공저
International Journal of Molecular Microbiology	Structure and Activities of the NS1 Influenza Protein and Its Interaction with the Cellular Protein p70S6	1422-0067	10.3390/ijms22084242	22(8)	SCIE(E)	202104	교신
CELLS	Understanding KRAS and the Quest for Anti-Cancer Drugs	2073-4409	10.3390/cells10040842	10(4)	SCIE(E)	202104	교신
INTERNATIONAL JOURNAL OF MOLECULAR MICROBIOLOGY	Anti-Inflammatory Effect of Auranofin on Palmitic Acid Induced Inflammation	1422-0067	10.3390/ijms22115920	22(11)	SCIE(E)	202105	교신
Chemosphere	Bioleaching for environmental remediation of toxic metals: A review	0045-6535	10.1016/j.chemosphere.2021.131108	282(0)	SCIE(E)	202105	교신
Sensors and Actuators B: Chemical	Development of a SARS-CoV-2-derived receptor-binding domain-based aptamer sensor	0925-4005	10.1016/j.snb.2021.129663	334(0)	SCIE(E)	202105	교신
Front Microbiol.	Identification of the genes related to the glycogen metabolism in Streptococcus mutans	1664-302X	10.3389/fmicb.2021.661053	12(0)	SCIE(E)	202105	교신
ECOLOGICAL ENGINEERING	Joint effects of patch edges and habitat degradation on the diversity of plant species	0012-9658	10.1002/ecy.3316	102(5)	SCIE(E)	202105	공저
Process Biochemistry	Metabolic Phenotyping analysis of Graphene Oxide Nanoparticles	1359-5113	10.1016/j.procbio.2021.02.016	104(0)	SCIE(E)	202105	교신
International Journal of Molecular Microbiology	Molecular Characteristics of Amyloid Precursor Protein in Alzheimer's Disease	1422-0067	10.3390/ijms22094939	22(9)	SCIE(E)	202105	교신
Microorganisms	Gen-Sense Analysis Reveals Host-Specific Functional Genes in the Gut Microbiome	2076-2607	10.3390/microorganisms9061123	9(6)	SCIE(E)	202105	교신
Environmental Science-Nano	Preparation and characterization of multifunctional nanocomposites	2051-8153	10.1039/D1EN00032E	8(5)	SCIE(E)	202105	공저
International Journal of Molecular Microbiology	Revisiting platinum-based anticancer drugs to overcome drug resistance	1422-0067	10.3390/ijms22105111	22(10)	SCIE(E)	202105	교신
International Journal of Molecular Microbiology	Targeting Lactate Dehydrogenase A with Catechin Resensitizes HepG2 Cells to Gemcitabine	1422-0067	10.3390/ijms22105406	22(10)	SCIE(E)	202105	공저
Journal of Microbiology and Biotechnology	Indigenous Fungivorous Nematodes Affect the Biotransformation of Fungal Biomass	1017-7825	10.4014/jmb.2102.02003	31(6)	SCIE(E)	202106	제1, 교신
Biology-Based	Mechanobiology: A New Frontier in Biology	2079-7737	10.3390/biology10070570	10(7)	SCIE(E)	202106	교신
Fermentation-based	Microbial Composition of Fermented Korean Soy Paste (Cheonggongjang)	2311-5637	10.3390/fermentation7020093	7(2)	SCIE(E)	202106	교신
International Journal of Molecular Microbiology	Molecular Characteristics of RAGE and Advances in Small Molecule Inhibitors	1422-0067	10.3390/ijms22136904	22(13)	SCIE(E)	202106	교신
Sensors and Actuators B: Chemical	Permeabilization-free β-galactosidase-induction-based detection of DNA damage	0925-4005	10.1016/j.snb.2021.129768	337(0)	SCIE(E)	202106	공저
THE FASEB JOURNAL	The human β-globin enhancer LCR HS2 plays a role in fetal hemoglobin expression	0892-6638	10.1096/fj.202002337R	35(6)	SCIE(E)	202106	교신
ENVIRONMENTAL POLLUTION	Biological selenium removal and recovery of selenium nanoparticles from wastewater	0269-7491	10.1016/j.envpol.2021.117001	280(0)	SCIE(E)	202107	교신
Marine Drugs	Fucoidans and Bowel Health	1660-3397	10.3390/md19080436	19(8)	SCIE(E)	202107	제1저자
BIOSCIENCE REPORTS	Histone H3K4me1 strongly activates the DNase I hypersensitive sites	0144-8463	10.1042/BSR20210691	41(7)	SCIE(E)	202107	교신
International Journal of Environment	The Impact of the Affordable Care Act on Dental Care Access	1660-4601	10.3390/ijerph18157865	18(15)	SCIE(E)	202107	교신
Journal of Applied Microbiology	Comparison of five membrane filters to collect bioaerosols	1364-5072	10.1111/jam.14972	131(2)	SCIE(E)	202108	교신
International Journal of Molecular Microbiology	Effects of β-phenethylamine on psychomotor, rewarding, and cognitive functions	1422-0067	10.3390/ijms22179485	22(17)	SCIE(E)	202108	교신
THE FASEB JOURNAL	Histone H3K4me1 and H3K27ac play roles in nucleosome positioning	0892-6638	10.1096/fj.202100488R	35(8)	SCIE(E)	202108	교신
THE FASEB JOURNAL	Multiple CTCF sites cooperate with each other to maintain enhancer activity	0892-6638	10.1096/fj.202100508R	35(8)	SCIE(E)	202108	교신
International Journal of Environment	Performance evaluation of commercially available masks during the COVID-19 pandemic	1660-4601	10.3390/ijerph18157009	18(0)	SCIE(E)	202108	제1, 교신
FISH & SHELLFISH IMMUNOLOGY	A single amino acid variation of NV protein of viral haemorrhagic septicaemia virus	1050-4648	10.1016/j.fsi.2021.06.019	116(0)	SCIE(E)	202109	교신
International Journal of Molecular Microbiology	BEX1 and BEX4 induce GEM progression through regulate distinct calcium regulation of TRPM7 mechanosensitive channels	1422-0067	10.3390/ijms22189845	22(18)	SCIE(E)	202109	공저
Scientific Reports	Distinct calcium regulation of TRPM7 mechanosensitive channels	2045-2322	10.1038/s41598-021-97326-z	11(0)	SCIE(E)	202109	교신
Journal of Experimental & Clinical Reproductive Toxicology	Downregulated CLIP3 induces radioresistance by enhanced DNA damage response	1756-9966	10.1186/s13046-021-02077-4	40(1)	SCIE(E)	202109	교신
REPRODUCTIVE TOXICOLOGY	Establishment of a developmental neurotoxicity test by Sertoli cell injury	0890-6238	10.1016/j.reprotox.2021.07.004	104(0)	SCIE(E)	202109	공저
Science Advances	Microglia promote autoimmune inflammation via the novel pathway	2375-2548	10.1126/sciadv.abb0609	7(36)	SCIE(E)	202109	공저
Journal of Public Health Dentistry	The Health Care Utilization Model: Application to Dental Care	1732-7329	10.1111/jphd.12430	81(3)	SCIE(E)	202109	교신
ENVIRONMENTAL SCIENCE & TECHNOLOGY	Coastal sediment nutrient enrichment alters seaweeds β-glucanase activity	0013-936X	10.1021/acs.est.037782	55(22)	SCIE(E)	202110	교신
MOLECULES	Anticancer activity of continental acid in b-cell lymphoma	1420-3049	10.3390/molecules26225845	26(22)	SCIE(E)	202111	교신
Molecular plant-microbe interactions	Complete Genome Sequence Data of Four Burkholderia pseudomallei Strains	0894-0282	10.1094/MPMI-04-21-0090-A	34(11)	SCIE(E)	202111	교신
Foods	Evolution of Food Fermentation Processes and the Use of Microorganisms	2304-8158	10.3390/foods10112861	10(11)	SCIE(E)	202111	교신
RNA	Identification and Characterization of VapC Toxin-Antitoxin System	1555-8382	10.1265/rna.07896.121	27(11)	SCIE(E)	202111	교신
Cancers	Oncogenic KRAS: Signaling and Drug Resistance	2072-6694	10.3390/cancers12215599	12(22)	SCIE(E)	202111	공저
INTERNATIONAL JOURNAL OF MOLECULAR MICROBIOLOGY	Prenatal Octamethylcyclotetrasiloxane Exposure Impaired Brain Development	1422-0067	10.3390/ijms22312949	22(23)	SCIE(E)	202111	공저
Journal of Bacteriology	Regulation of the <i>lptV</i> Gene Encoding the Major Lipoteichoic Acid	0021-9193	10.1128/JB.00402-21	203(23)	SCIE(E)	202111	교신
Environmental Technology & Applied Ecology	Removal of bovine serum albumin and methylene blue by adsorption	2352-1864	10.1016/j.eti.2021.101880	24(0)	SCIE(E)	202111	제1, 교신
Water	Removal of various hazardous materials using a multifunctional adsorbent	2073-4441	10.3390/w13223302	13(22)	SCIE(E)	202111	교신
Molecular cancer research - MCR	miR-143-3p induction Promotes Tumor Differentiation via SOX2 Inhibition	1541-7798	10.1158/1541-7798.MCR-21-0373	N	SCIE(E)	202111	교신
Atmosphere	Viability of Bacillus subtilis cells in airborne bioaerosols	2073-4453	10.3390/atmos1111496	12(11)	SCIE(E)	202111	제1, 교신
Blood	DYRK1A mediates BAF1-induced noncanonical NF-κB activation	0006-4971	10.1182/blood.2021011247	138(23)	SCIE(E)	202112	공저
Microbial Biotechnol.	Enzymatic synthesis of resveratrol α-glucoside by amylosucrase	1017-7825	10.4014/jmb.2108.08034	31(12)	SCIE(E)	202112	교신
WATER RESEARCH	Implications of flow regulation for habitat conditions and microbial diversity	0043-1354	10.1016/j.watres.2021.117807	207(0)	SCIE(E)	202112	교신
Biological Plantarum	Loss-of-function of Arabidopsis F-box protein hyperosins1 affects growth and development	0031-9317	10.1111/bpp.13588	17(34)	SCIE(E)	202112	공저
Communications Biology	New chemical inhibitor against SCG1 methylation and its effect on cell growth	2399-3642	10.1038/s42003-021-02862-z	4(1)	SCIE(E)	202112	교신
Scientific Reports	Proposing a New Route to Solve Marine Debris Pollution	2045-2322	10.1038/s41598-021-03757-z	11(1)	SCIE(E)	202112	공저
Biochemical & Biophysical Research Communications	Proteasomal activator 28 gamma stabilizes hepatitis B virus core protein	0006-291X	10.1016/j.bbrc.2021.09.028	578(0)	SCIE(E)	202112	교신
Chemosphere	Simple screening of microplastics in bottled waters and their effects on human health	0045-6535	10.1016/j.chemosphere.2021.131406	285(0)	SCIE(E)	202112	제1, 교신