

Contents

- p.1** 이번 호의 우수 논문
‘ A Wearable Electrochemical Biosensor for Salivary Detection of Periodontal Inflammation Biomarkers: Molecularly Imprinted Polymer Sensor with Deep Learning Integration ’
- p.2** 의학연구원 소식: 김성수 교수 논문, 국제학술지 최다 인용 기록
- p.3** 의학연구원 학술 행사
- p.6** 2025년 10 ~ 12월 신규 의과대학 및 병원 연구자의 SCI급 논문 (166편)
- p.17** 2025년 10 ~ 12월 신규 치의학전문대학원 및 병원 연구자의 SCI급 논문 (22편)
- p.18** 2025년 10 ~ 12월 신규 한의학전문대학원 및 병원 연구자의 SCI급 논문 (23편)

이번 호의 논문

AP2M1 Amplification Orchestrates Notch-Mediated Chemoresistance in Hematopoietic Stem Cells of Acute Myeloid Leukemia Patients

교신저자 **오창규⁽¹⁾, 김윤학⁽²⁾**

(1)부산대학교 의과대학 생화학교실 부교수, (2)부산대학교 의과대학 해부학교실 교수

제 1저자(학내연구자): 의학연구원 이한송 연구원, 융합의과학과 이채린 연구원

참여저자(학내연구자): 안소울, 유연이, 권은정, 김효민, 문성익, 임동민, 김기훈, 허혜진, 백승은, 이선영, 최은영, 고태식, 이동준

급성 골수성 백혈병(AML)은 골수 내 조혈 줄기세포의 이상 증식으로 발생하는 치명적인 혈액암으로, 기존 화학요법에 대한 강한 내성과 높은 재발률이 치료의 큰 걸림돌이 되고 있습니다. 특히 항암제 내성을 유도하는 정확한 분자 기전에 대한 이해가 부족하여, 이를 극복할 수 있는 새로운 진단 및 치료 타겟 발굴이 시급한 실정입니다.

본 연구팀은 단일세포 전사체 분석(scRNA-seq)과 다양한 분자생물학적 기법을 통해 세포 내 이음 작용 조절 단백질인 AP2M1 이 AML의 항암제 내성을 조절하는 핵심 인자임을 규명하였습니다. AML 환자의 조혈 줄기세포에서 AP2M1 이 비정상적으로 과발현되어 있으며, 이것이 Notch1 신호 전달 경로를 활성화함으로써 암세포의 사멸을 억제하고 줄기세포 특성을 강화한다는 사실을 확인하였습니다.

특히 이번 연구는 포유류 실험 동물을 대체할 수 있는 차세대 비동물 시험법(NAMs, New Approach Methodologies)으로서 제브라피쉬 배아(Zebrafish embryo) 모델의 우수한 가치를 입증하였다는 점에서 큰 의의가 있습니다. 연구팀은 제브라피쉬 배아 모델에 인간 AML 유전자를 이식하여 질환 모델을 성공적으로 구축하였으며, 이를 통해 타겟 유전자인 AP2M1의 발현 차이에 따른 조혈 줄기세포의 변화와 항암제 내성 반응을 정밀하게 분석하였습니다. 이는 제브라피쉬 배아가 인간의 혈액암 발병 메커니즘을 효과적으로 모사할 수 있는 신뢰도 높은 질환 모델임을 보여주는 결과입니다.

이번 연구 결과는 AP2M1을 활용한 새로운 AML 치료 전략 수립의 가능성을 제시하였을 뿐만 아니라, 동물 복지를 고려한 윤리적이고 효율적인 연구 모델로서 제브라피쉬 배아의 활용 범위를 넓히는 데 기여하였습니다.

본 연구 결과는 2025년 10월, 재료 및 생명과학 분야의 세계적 권위지인 Advanced Science (Impact Factor 14.3)에 게재되었습니다.

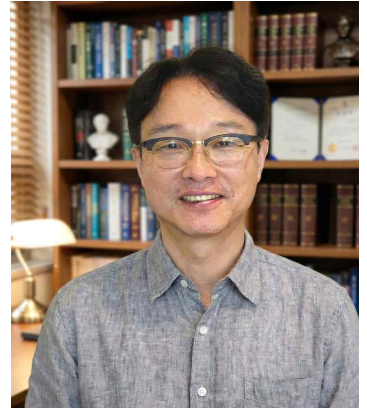
의학연구원 소식

김성수 교수 논문, 국제학술지 최다 인용 기록

의사 공감 연구의 고전으로 자리매김

김성수

부산대학교 의과대학 인문사회학교실 교수



의과대학 인문사회학교실 김성수 교수의 연구 성과가 국제적으로 다시 한 번 주목받고 있다. 김 교수가 2004년 발표한 논문이 보건의료 분야 국제학술지 Evaluation & the Health Professions 47년 역사상 가장 많이 인용된 논문으로 확인되었다.

해당 논문 「The Effects of Physician Empathy on Patient Satisfaction and Compliance (의사 공감이 환자 만족도와 순응도에 미치는 영향)」은 Google Scholar 기준 1,560회, Web of Science 기준 690회의 인용을 기록했다. 클래리베이트(Clarivate)의 Web of Science Core Collection 분석 결과, 이 논문은 1978년 창간된 Evaluation & the Health Professions 전 기간 논문 중 인용 수 1위를 차지했다. 또한 ‘의사 공감(Physician Empathy)’ 연구 분야 전체에서도 JAMA, American Journal of Psychiatry 게재 논문에 이어 상위 3위에 오르며 학문적 영향력을 입증했다.

이 연구는 구조방정식 모델을 활용해 환자가 인지하는 의사의 공감이 정보 교환, 전문성 인식, 대인 신뢰, 파트너십이라는 매개 요인을 통해 환자 만족도와 치료 순응도에 영향을 미치는 경로를 체계적으로 규명한 것이 특징이다. 의료 커뮤니케이션을 정량적·구조적으로 분석한 선도적 연구로 평가받으며, 발표 이후 20년이 지난 현재까지도 해당 분야의 기초 연구이자 고전적 참고 문헌으로 꾸준히 인용되고 있다.

한편 김성수 교수는 국제적 연구 성과에 그치지 않고, 국내 의료 현장에서 활용 가능한 측정 도구 개발에도 지속적으로 기여해 왔다. 2005년 발표한 한국형 건강정보이해능력 측정 도구(KHLAT) 개발 논문은 KCI 103회, Google Scholar 150회 인용을 기록했으며, 현재 국내에서 가장 널리 활용되는 건강정보이해능력 평가 도구로 자리 잡았다. 김성수 교수는 20년간 개발한 의료 커뮤니케이션 측정 도구 5종(의사 공감 척도, 일반인 자가 공감 척도, 건강정보이해능력 척도 2개 버전, 유전체 의료정보이해능력 측정 도구)을 웹사이트(healthliteracyempathy.netlify.app)를 통해 무료로 공개하고 있다.

이번 성과는 환자 중심 의료와 의료 커뮤니케이션의 중요성을 학문적으로 확장해 온 김성수 교수의 연구가 국내를 넘어 국제 학계에서도 장기적으로 높은 가치를 인정받고 있음을 보여주는 사례로 평가된다.

의학연구원 학술 행사

2025 의학연구원 국제 심포지엄 개최 (2025년 11월 6일)

2025

International Symposium of MRI

“Vascular Biology & Translational Research”

◎ **Time:** November 6th(Thu), 2025. 15:00-18:00

◎ **Venue:** Integrated Administrative Building 116



Organized by
Dongjun Lee (PNU Med)

Time	Title	Speaker
15:00-15:20	Registration	
15:20-15:30	Opening address	Dong Hyun Shon Vice Dean, MRI
15:30-15:40	Welcome Remarks	Won Ho Cho Dean, PNU School of Medicine
15:40-16:40	Session I	Chaird by Hyun Sung
15:40-16:10	Neutrophil CRACR2A promotes neutrophil recruitment in sterile inflammation and ischemic stroke	Jingu Lee/Korea PNU School of Medicine
16:10-16:40	Role of periostin and its signaling in the development of pulmonary hypertension	Jinsong Bian/China Southern University of Science and Technology
16:40-16:50	Coffee Break	
16:50-17:50	Session II	Chaird by Hyunsu Lee
16:50-17:20	CRISPR-Cas9-based gene therapy strategies for conquering genetic disorders	Jihyeon Yu/Korea PNU School of Medicine
17:20-17:50	Endothelial heterogeneity in organogenesis and tissue repair	Yoshiaki Kubota/Japan Keio University
17:50-18:00	Closing Remarks	Sang Mo Kwon Director, BK21-FOUR

【주최】



부산대학교
의학연구원

MOCafe
Medical Ocean Cafe



부산대학교 의과대학
Grand 융합의과학 교육 연구단

문의: 서형주, 051-510-8105, myjudel@naver.com

의학연구원 학술 행사

9th 메디칼 오션 카페 심포지엄 개최 (2025년 11월 14일)

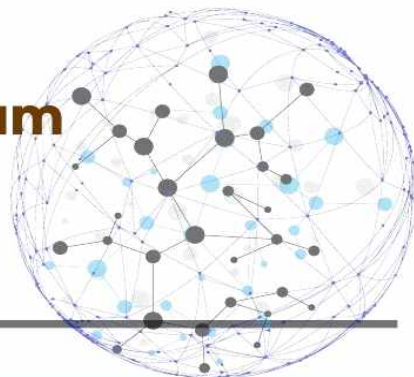
9th

Medical Ocean Cafe Symposium

“Medical Ocean Research with AI”

◎ 시간: 2025년 11월 14일(금) 14:00-18:00

◎ 장소: 간호대학 대강당



사회: 송치홍 교수

Time	Title	Speaker
14:00-14:30	Registration	
14:30-14:40	Opening address	배순식 의학연구원장
14:40-16:10	Session I: 해양바이오기술의 현황	좌장: 성현 교수
14:40-15:10	Novel Marine Microbial Natural Products for Drug Discovery & Development	신희재 책임연구원 한국해양과학기술원
15:10-15:40	Acquisition of Marine Bioresources from the High Seas and Screening for Biological Potency	김윤재 책임연구원 한국해양과학기술원
15:40-16:10	Exploration and Utilization of Marine Bioresources	이종민 교수 부경대학교
16:10-16:20	Coffee Break	
16:20-17:50	Session II: 인공지능을 이용한 의료기술 개발	좌장: 이현수 교수
16:20-16:50	Developing interpretable machine learning frameworks for drug toxicity, drug approval, and drug response prediction	김상욱 교수 POSTECH
16:50-17:20	ADME/T prediction models for drug candidate molecules	김동섭 교수 KAIST
17:20-17:50	AI-Driven Structure-Based Drug Discovery	신윙희 교수 고려대학교
17:50-18:00	Lucky Draw and Closing Remark	손동현 의학연구부원장

【주최】



부산대학교
의학연구원

MOCafe
Medical Ocean Cafe



부산대학교 의과대학
Grand 융합의과학 교육 연구단

문의: 서형주, 051-510-8105, myjudel@naver.com

의학연구원 학술 행사

의학연구원 차세대 의료기술 개발 세미나 시리즈

TOPIC: METABOLIC DISEASE

비만 및 대사질환 치료제 개발 현황 및 미래 전략

- 연 자 : 임세영 팀장 [유한양행]
- 일 시 : 2025년 11월 26일(수) 오후 4시
- 장 소 : 통합행정실 116호 세미나실



TOPIC: CANCER

Lung Cancer Organoids: Scientific Validation and Clinical Application

- 연 자 : 정재욱 교수 [충남대학교 의과대학]
- 일 시 : 2025년 12월 10일(수) 오후 4시
- 장 소 : 양산부산대학교병원 의생명창의연구동 집중세미나실



TOPIC: NEUROLOGICAL DISEASE

The New Frontier of Neuromodulation: From Sound to Molecular Precision

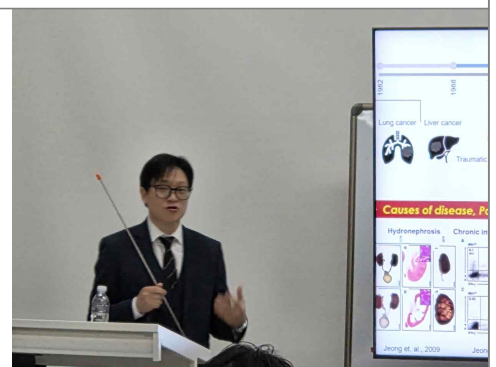
- 연 자 : 한정호 교수 [대구경북과학기술원 뇌과학과]
- 일 시 : 2026년 1월 21일(수) 오후 4시
- 장 소 : 통합행정실 116호 세미나실



TOPIC: PRECISION MEDICINE

Single Cell Multiomics Reveals EGFR Variant-Dependent Tumor-Immune Microenvironment in Non-Small-Cell Lung Cancer

- 연 자 : 정현우 교수 [독일 막스플랑크 분자생의학 연구소]
- 일 시 : 2026년 2월 2일(월) 오후 4시
- 장 소 : 통합행정실 116호 세미나실



TOPIC: MOLECULAR STRUCTURE

Cryo-EM structures of human neuronal gap junction channel

- 연 자 : 이스나 박사 [기초과학연구원]
- 일 시 : 2026년 2월 25일(수) 오후 4시 30분
- 장 소 : 통합행정실 116호 세미나실



2025년 10월 ~ 12월 신규 부산대학교 의과대학 및 병원 연구자 SCIE 논문 (총 166편)

백승은; 허혜진; 고태식; 오창규[교신저자]; 김기훈; 김윤학[교신저자]; 이동준; 정기선[교신저자]; 권은정; 이한송[제1저자]; 유연이; 임동민; 김호민; 문성익; 최은영; 안소율; 이채린; 이선영. AP2M1 Amplification Orchestrates Notch-Mediated Chemoresistance in Hematopoietic Stem Cells of Acute Myeloid Leukemia Patients. ADVANCED SCIENCE 2025. [총 저자수 29]

고태식; 김윤학[교신저자]; 임동민[제1저자]; 강정모. Recent advances in theranostic nanomaterials for overcoming traumatic brain injury. JOURNAL OF NANOBIO TECHNOLOGY 2025;23(1). [총 저자수 8]

성현[교신저자]; 부 다이 트랑[제1저자]. Endoplasmic reticulum in the axon: Insights into structural dynamics and implications in neurodegeneration. NEUROBIOLOGY OF DISEASE 2025;216. [총 저자수 2]

윤식[교신저자]; 오세옥; 홍영미; 이동준; 황선영; 김유나; 라즈봉시라타[제1저자]; 김지은; 이진의; 이수린. A Robust Marine Collagen Peptide-Agarose 3D Culture System for In Vitro Modeling of Hepatocellular Carcinoma and Anti-Cancer Therapeutic Development. MARINE DRUGS 2025;23(10). [총 저자수 11]

권력준[제1저자]; 김태화[교신저자]; 손수민; 류완호[교신저자]; 미잔모하마드알. Combined Protein, Probiotics, and Exercise Therapy for Sarcopenia: A Comprehensive Review. CELLS 2025;14(17). [총 저자수 5]

조규섭[교신저자]; 박지환; 김성동; 이근익[제1저자]; 문수진. Stem Cells and Cell-Free Therapies for Olfactory Epithelium Regeneration: Insights from Experimental Models. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025;26(18). [총 저자수 5]

윤식; 오세옥; 김관희[교신저자]; 손용해; 이동준[교신저자]; 권문주[제1저자]; 김재성[제1저자]; 박동하; 강나경. HSP90 Inhibition Disrupts 27-Hydroxycholesterol-Induced Inflammatory Signaling in Monocytic Cells. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025;26(20). [총 저자수 11]

김윤학[교신저자]; 유연이; 이해슬[제1저자]. Identification of circulating miRNA alterations in diabetes patients excluding periodontitis effects: insights into target gene downregulation in diabetic complications. ANNALS OF MEDICINE 2025;57(1). [총 저자수 6]

김기훈[제1저자]; 김윤학[교신저자]; 유석동; 황성빈[제1저자]; 문현오[제1저자]; 박용희[제1저자]. Global prevalence of autoimmune diseases in turner syndrome: a systematic review and meta-analysis. ANNALS OF MEDICINE 2025;57(1). [총 저자수 9]

이상돈[교신저자]; 박현준; 정재민[제1저자]. Molecular Mechanisms of Testis Damage and Target Drug Development in the Ischemic-Reperfusion Injury of Acute Testicular Torsion: A Pediatric Urological Perspective. The World Journal of Men's Health 2025;43(4):784-806. [총 저자수 3]

송승환[교신저자]; 오준혁; 이하린; 박종환; 이수진[제1저자]; 성민지. Bioelectrical impedance analysis to assess body water status during fluid infusion in a rat model of extracorporeal membrane oxygenation. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 10]

이석환; 오세준; 권한조[제1저자]; 이재경; 최성원[교신저자]; 김지아[제1저자]. Optical coherence tomography angiography findings in patients with sudden sensorineural hearing loss. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 6]

김관희[교신저자]; 손용해; 이동준[교신저자]; 박동하[제1저자]. Paroxetine suppresses 27-hydroxycholesterol-induced responses in THP-1 human monocytic cells by regulating the AKT/mTORC1 pathway. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 4]

이영민[교신저자]; 심환욱[제1저자]. Cerebral oxygenation responses to obstructive sleep apnea in cognitively normal older adults: a study using simultaneous polysomnography and functional near-infrared spectroscopy. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 5]

이선민; 조우현; 신경화[교신저자]; 이대섭[제1저자]; 김태화[제1저자]; 여혜주[교신저자]. Role of the QuantiFERON-Monitor in Assessing the Immune Status of Patients with Acute Respiratory Failure in Adult Intensive Care Units: A Prospective, Observational Study. Annals of Laboratory Medicine 2025;45(6):591-600. [총 저자수 6]

이정섭[교신저자]; 문은수; 고태식[교신저자]; 신명준; 조윤재; 박종환; 라이팅후[제1저자]; 강정모; 이종원. Validation of Phase Angle Cutoff Values Derived From Bioelectrical Impedance Analysis for Sarcopenia Screening in Community-Dwelling Older Korean Adults. JOURNAL OF THE AMERICAN MEDICAL DIRECTORS ASSOCIATION 2025;26(12). [총 저자수 12]

이수봉; 김서린[제1저자]; 최병현; 김일영; 이동원; 예병민; 이동원[교신저자]; 김영숙; 김민정; 현제민; 김수지. Obesity exacerbates ischemia-reperfusion injury and senescence in murine kidneys and perirenal adipose tissues. Kidney Research and Clinical Practice 2025;44(6):916-927. [총 저자수 11]

최병관; 이재일[교신저자]; 신명준; 허엽; 조정수; 박종환[교신저자]; 김승미[제1저자]. Development of machine learning models with explainable AI for frailty risk prediction and their web-based application in community public health. FRONTIERS IN PUBLIC HEALTH 2025;13. [총 저자수 9]

김문범; 고현창[교신저자]; 김병수; 원유미[제1저자]. Hereditary hypotrichosis simplex with SNRPE gene mutation. INDIAN JOURNAL OF DERMATOLOGY VENEREOLOGY & LEPROLOGY 2025;91(5):661-663. [총 저자수 4]

추기석[교신저자]; 박찬규; 이해윤[제1저자]; 박귀상; 옥지윤. Deep learning-based detection of ascending aortic dilatation on chest radiographs: A diagnostic study. EUROPEAN JOURNAL OF RADIOLOGY 2025;192. [총 저자수 8]

김광하[교신저자]; 주동찬[제1저자]. Fexuprazan for the Prevention of Nonsteroidal Anti-Inflammatory Drug-Induced Peptic Ulcer: A New Player in the Gastroprotection Landscape. GUT AND LIVER 2025;19(5):633-634. [총 저자수 2]

김광하[교신저자]; 전해경[제1저자]. Natural History of Gastric Subepithelial Tumors: Long-Term Outcomes and Surveillance Strategies. JOURNAL OF CLINICAL MEDICINE 2025;14(18). [총 저자수 2]

이승준[교신저자]; 정석진[제1저자]; 박경원. Comparative Analysis of Bone Resection Volume and Lateral Overhang in Four Closed-Wedge High Tibial Osteotomy Techniques—A 3D-CT Computational Simulation Study of Eleven Knees. JOURNAL OF CLINICAL MEDICINE 2025;14(20). [총 저자수 5]

성은영; 송상현[교신저자]; 김다운[제1저자]. Diabetic retinopathy Is associated with histologic severity of diabetic kidney disease and systemic inflammation. ACTA DIABETOLOGICA 2025. [총 저자수 3]

남경원[교신저자]; 김건호; 김민재[제1저자]; 수브라타 바타차르지. Intravenous pole-integrated automated urinary status-monitoring technique using image-based artificial intelligence: a simulation study. BIOMEDICAL ENGINEERING LETTERS 2025. [총 저자수 5]

한인호; 신명준[교신저자]; 이도원; 홍정민; 박태성[제1저자]; 박종환. Wearable Technology in Diving: A Review of Heart Rate and Oxygen Saturation Monitoring for Enhanced Safety and Performance. HEALTHCARE 2025;13(18). [총 저자수 7]

나용진; 김승철; 주종길[교신저자]; 이현주; 이슬; 윤형준; 유은희[제1저자]. Obstetric outcomes following artificial and natural cycle frozen embryo transfer in patients with and without endometriosis: a national cohort study. BMC PREGNANCY AND CHILDBIRTH 2025;25(1). [총 저자수 7]

이영민; 이병대; 문은수[교신저자]; 고태식; 신명준; 서화규; 임현주; 김경원[제1저자]; 박종환. Predicting Suicidal Ideation in Community-based Older Adults Using Self-report Questionnaires with Machine Learning. CLINICAL PSYCHOPHARMACOLOGY AND NEUROSCIENCE 2025;23(4):590-600. [총 저자수 10]

이정규; 이상엽; 이유현; 탁영진[교신저자]; 권력준; 조영혜; 박은주; 이승훈; 김규리; 이영인; 최정인; 이새롬; 손수민; 라영진; 김보민[제1저자]. Geriatric health changes during the COVID-19 pandemic: impacts on body composition and vascular aging. JOURNAL OF GERIATRIC CARDIOLOGY 2025;22(8):753-756. [총 저자수 15]

임승진[교신저자]; 김아름; 배문숙[제1저자]; 김슬기; 유예지. Comparison between osteoarticular tuberculosis and nontuberculous mycobacterial infection: a retrospective observational cohort study. INFECTIOUS DISEASES 2025. [총 저자수 5]

김서린[제1저자]; 김일영[교신저자]; 김영숙. Intermittent fasting mitigates kidney fibrosis following ischemia-reperfusion injury by suppressing cellular senescence. BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 2025;783. [총 저자수 3]

이승훈[교신저자]; 김규리[제1저자]. Social support and subjective care burden among the family caregivers of terminally ill cancer patients. BMJ SUPPORTIVE & PALLIATIVE CARE 2025. [총 저자수 4]

조호성[제1저자]; 이수진[교신저자]. Outcomes of tracheostomy after cardiac surgery through median sternotomy. JOURNAL OF THORACIC DISEASE 2025;17(9):6905-6914. [총 저자수 2]

김윤성; 김태연; 권력준[교신저자]; 장주연[제1저자]; 류화성; 김태화[교신저자]. The efficacy of bedside percutaneous cholecystostomy in critically ill patients: comparison with cholecystostomy performed in angiography suite. LANGENBECKS ARCHIVES OF SURGERY 2025;410(1). [총 저자수 6]

이영민; 이병대; 문은수[교신저자]; 박제민; 정희정[제1저자]; 서화규; 임현주; 김경원. Exploration of Stress-Coping Behaviors in Patients With Mood Disorders Using Cluster Analysis. PSYCHIATRY INVESTIGATION 2025;22(10):1209-1216. [총 저자수 8]

김미현; 엄중섭[교신저자]; 김수한; 성하영[제1저자]. Prognostic Impact of ALK Rearrangements in Resected NSCLC: A Systematic Review and Meta-analysis. ANTICANCER RESEARCH 2025;45(10):4519-4534. [총 저자수 4]

손동욱; 이상원; 이준석; 김창현; 성순기; 이수현[교신저자]; 이치형; 김세운[제1저자]. Prediction of Angle Loss after L4/5 Oblique Lumbar Interbody Fusion : Development of a Risk Stratification Model. 대한신경외과학회지 2025;68(6):724-735. [총 저자수 8]

김수홍[교신저자]; 강아영[제1저자]. A single-center retrospective cohort study of laparoscopic versus open excision of choledochal cysts in children: experience from a national children's hospital. Annals of Surgical Treatment and Research 2025;109(6):377-383. [총 저자수 2]

신용범; 신명준[교신저자]; 윤진아; 김상훈; 장명훈; 이병주; 박태성[제1저자]; 이재현. Augmented Reality-Based Exercise for Older Adults: A Randomized Controlled Trial on Physical Function and Mobility. JOURNAL OF AGING AND PHYSICAL ACTIVITY 2025. [총 저자수 8]

김도형[교신저자]; 박종명; 손봉수; 손주형[제1저자]; 김선주. Outcomes of conservative management for chylothorax following minimally invasive lung cancer surgery. JOURNAL OF CARDIOTHORACIC SURGERY 2025;20(1). [총 저자수 5]

김영대; 이민기; 김진미; 이광하[교신저자]; 손정민; 류완호[제1저자]; 장호진. Association between health insurance benefit extension policy and long-term outcomes in ventilated pneumonia patients: Analysis of a nationwide dataset. MEDICINE 2025;104(38). [총 저자수 7]

설영미[교신저자]; 김동욱A; 이상현[제1저자]. Preoperative risk factors for early recurrence and relapse-free survival after R0 resection of gallbladder cancer. MEDICINE 2025;104(44). [총 저자수 3]

이상민[제1저자]; 강석웅[교신저자]; 김경백[제1저자]. Arthroscopic coracoclavicular ligament reconstruction using allograft and TightRope in a patient with severe distal clavicle bone loss: A 5-year follow-up case report. MEDICINE 2025;104(45). [총 저자수 3]

송승환[교신저자]; 이하린; 이해원; 이수용; 이수진[제1저자]. Outcomes of heart transplantation using ECMO-supported donation in brain dead donors. GENERAL THORACIC AND CARDIOVASCULAR SURGERY 2025. [총 저자수 6]

배용찬[교신저자]; 박경희; 박수정; 이현승; 이치현[제1저자]; 정유진. Unilateral Craniofacial Microsomia with Severe Tessier No. 7 Cleft and Mandibular Agenesis: A Rare Case Report. CLEFT PALATE CRANIOFACIAL JOURNAL 2025. [총 저자수 6]

유학선[교신저자]; 박미경; 최서영; 정유진[제1저자]; 한동규. Strain-dependent immune responses reveal a critical role of IL-17A in defense against Balamuthia mandrillaris. Parasites, Hosts and Diseases 2025;63(4):371-377. [총 저자수 6]

황보리; 김영하[제1저자]; 고준경[교신저자]. Endovascular Management of Common Femoral Artery Occlusion Caused by Suture-mediated Vascular Closure Devices: A Single-Center Experience. VASCULAR AND ENDOVASCULAR SURGERY 2025. [총 저자수 3]

박영목; 윤명희; 노병관[교신저자]; 송수빈[제1저자]. Favorable Outcome After ABO-Incompatible Living Donor Liver Transplant With High-Titer Isoagglutinin Rebound: A Case Report. EXPERIMENTAL AND CLINICAL TRANSPLANTATION 2025;23(10):671-675. [총 저자수 4]

김원택; 박달; 남지호; 전호상; 김동운[제1저자]; 김동현; 기용간[교신저자]; 주지현. Therapeutic dose effects of target-volume changes during head and neck radiotherapy. INTERNATIONAL JOURNAL OF RADIATION RESEARCH 2025;23(3). [총 저자수 8]

김경립[제1저자]; 곽종혁[교신저자]. Development of a Preclinical PET/MRI DOI Detector Using Different Types of Scintillators for Operation in a Magnetic Field. Journal of Magnetics 2025;30(3):442-447. [총 저자수 3]

김원택; 박달; 남지호; 전호상; 김동운[제1저자]; 김동현; 기용간[교신저자]; 주지현. Study to improve reproducibility and accuracy of DIBH for breast cancer radiotherapy: A laser-based self-monitoring system. INTERNATIONAL JOURNAL OF RADIATION RESEARCH 2025;23(3):659-664. [총 저자수 8]

문유석[교신저자]. The soil nematode exposome: Unraveling the impacts of particulate plastics from agroecosystems to one health. SCIENCE OF THE TOTAL ENVIRONMENT 2025;1003. [총 저자수 2]

김태균[교신저자]. Analysis of interaction effect between within- and between-subject factors in repeated measures analysis of variance for longitudinal data. Korean Journal of Anesthesiology 2025;78(5):418-428. [총 저자수 3]

조아름[제1저자]. Enhancing postoperative recovery with multimodal prehabilitation: the journey begins before surgery. Korean Journal of Anesthesiology 2025;78(5):401-417. [총 저자수 5]

문유석[교신저자]. Editorial: Mucosal microbiota immunomodulation of the gut-lung axis. FRONTIERS IN IMMUNOLOGY 2025;16. [총 저자수 4]

한성용[제1저자]; 이종현. Comparison of clinical outcomes for single- and double-balloon enteroscope-assisted endoscopic retrograde cholangiopancreatography in patients with surgically altered anatomy. WORLD JOURNAL OF GASTROENTEROLOGY 2025;31(41). [총 저자수 5]

김정일; 최경운; 최영진; 이인숙[제1저자]; 송유선. Dynamic Contrast-Enhanced MRI in the Evaluation of Soft Tissue Tumors and Tumor-Like Lesions: Technical Principles and Clinical Applications. Korean Journal of Radiology 2025;26(11):1054-1074. [총 저자수 9]

문유석[교신저자]. Lactiplantibacillus plantarum LM1001 Supplementation Attenuates Muscle Atrophy and Function Decline in Aged Mice. NUTRIENTS 2025;17(19). [총 저자수 12]

김기형[제1저자]. Loss of Zonula Occludens-1 (ZO-1) Enhances Angiogenic Signaling in Ovarian Cancer Cells. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025;26(17). [총 저자수 10]

정봉광[교신저자]. Molecular detection of Toxoplasma gondii in wild oysters and seawater on the southeast coast of South Korea. FOOD MICROBIOLOGY 2026;134. [총 저자수 5]

송지연; 임선희[제1저자]. Clinical outcomes among children with primary nephrogenic diabetes insipidus. CLINICAL KIDNEY JOURNAL 2025;18(11). [총 저자수 15]

김지민[제1저자]; 김상수; 천용일; 신성찬; 김보현; 김미진; 강신우[제1저자]. Diagnostic Models for Predicting Follicular Thyroid Carcinomas Using Circulating Plasma MicroRNAs. CANCERS 2025;17(21). [총 저자수 8]

김지민[제1저자]; 천용일; 신성찬; 권하늬. Myosin light chain kinase 2 and Myomesin 2 are related to the stiffness of vocal fold lamina propria in aging rats and humans. BIOGERONTOLOGY 2025;27(1). [총 저자수 8]

김진미[제1저자]; 김다운. Dietary patterns associated with the new onset of chronic kidney disease using clustering algorithm. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 9]

목정하[제1저자]. A Prospective Cohort Study on the Usage, Safety, and Efficacy of Delamanid in Patients With Pulmonary Multidrug-Resistant Tuberculosis in South Korea. OPEN FORUM INFECTIOUS DISEASES 2025;12(11). [총 저자수 8]

이지원A[제1저자]. Tracing Metastatic Evolutionary Patterns in Lung Adenocarcinoma: Prognostic Dissection Based on a Multi-state Model. Cancer Research and Treatment 2025;57(4):1019-1029. [총 저자수 5]

송상현[단독]. How should kidney injury in Fabry disease be assessed and monitored?. Kidney Research and Clinical Practice 2025;44(5):702-704. [총 저자수 1]

이재홍[제1저자]. Role of the Right Ventricle Overhaul Procedure in Comprehensive Management for Pulmonary Atresia With Intact Ventricular Septum — A Magnetic Resonance Imaging-Based Study. CIRCULATION JOURNAL 2025;89(10):1672-1683. [총 저자수 11]

최동휘[제1저자]. RecipeBuild: Learning to Build Recipe Ideas Using Language Model-Based Recipe Contextual Modeling. IEEE ACCESS 2025;13172051-172061. [총 저자수 4]

박종환[교신저자]; 라이팅후. Longitudinal association of intensity-specific physical activity and sedentary behavior with dynapenia among older Taiwanese adults. EUROPEAN REVIEW OF AGING AND PHYSICAL ACTIVITY 2025;22(1). [총 저자수 5]

엄중섭[교신저자]. Adjuvant chemotherapy before osimertinib in EGFR-mutated stage IB lung adenocarcinoma: a clinical dilemma. TRANSLATIONAL LUNG CANCER RESEARCH 2025;14(9):3542-3552. [총 저자수 17]

이승은; 여혜주; 허성철[교신저자]; 김윤아. Electrical impedance tomography-based temporal signals correlate with quantitative computed tomography-based spatial variables in asthma subjects: a pilot study. FRONTIERS IN PHYSIOLOGY 2025;16. [총 저자수 6]

목정하[제1저자]; 김새롬. Nationwide coverage of molecular drug susceptibility testing in patients with pulmonary multidrug/rifampicin-resistant tuberculosis in South Korea: a retrospective cohort study (2015-2021). BMJ OPEN RESPIRATORY RESEARCH 2025;12(1). [총 저자수 6]

김기훈[제1저자]. Standardized Incidence Ratio of Melanoma by Industry Groups in Korea. Safety and Health at Work 2025;16(4):414-420. [총 저자수 6]

우현영[제1저자]; 허정. Liver Stiffness Measurements After Oral Antivirals Effectively Predict the Risk of HCC in Patients With Chronic Hepatitis C. JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY 2025;40(10):2568-2579. [총 저자수 22]

김진아; 조재욱[제1저자]. Impact of Bedtime Digital Media Use on Sleep Across Age Groups: Insights From a Nationwide Survey in South Korea. JOURNAL OF CLINICAL NEUROLOGY 2025;21(6):565-574. [총 저자수 7]

최병현[제1저자]. Tacrolimus-Sirolimus Combined Exposure and Acute Rejection in Kidney Transplant Recipients Undergoing Early Conversion to Sirolimus: A Multicenter Retrospective Cohort Threshold Analysis. JOURNAL OF CLINICAL MEDICINE 2025;14(21). [총 저자수 8]

김관희; 이상엽; 손용해; 권력준[교신저자]; 조영혜; 박은주; 이영인; 최정인; 이새롬; 손수민[교신저자]. Real-world evidence on the additional cancer risk reduction of ezetimibe: a 10-year nationwide retrospective cohort study emulating a target trial. JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY 2025;151(10). [총 저자수 15]

최병관; 조재욱; 김지영; 이가현[교신저자]. Predicting oxcarbazepine-induced hyponatremia in adult epilepsy patients: A multicenter machine learning analysis using real-world CDM data. SEIZURE-EUROPEAN JOURNAL OF EPILEPSY 2025;133:167-174. [총 저자수 8]

이명준[제1저자]. Factors Associated With the Response to Exercise in Patients With Parkinson's Disease. Journal Of Movement Disorders 2025;18(4):308-316. [총 저자수 5]

이민형; 최수홍; 윤진아[교신저자]; 공인주; 엄주리; 김예지. Comparing the direct effect of lymphatic dynamic transport after lower-level laser therapy in healthy volunteers: a randomized controlled trial. LASERS IN MEDICAL SCIENCE 2025;40(1). [총 저자수 8]

이명준; 김근영; 박경준[제1저자]; 김지현. Family Income Is Associated With Regional Brain Glucose Metabolism in Middle-Aged Males. EUROPEAN JOURNAL OF NEUROSCIENCE 2025;62(9). [총 저자수 7]

김철향[제1저자]. Comparison of log file-based and measurement-based QA for detecting MLC positional errors and evaluating dosimetric impacts of MLC defects. JOURNAL OF APPLIED CLINICAL MEDICAL PHYSICS 2025;26(12). [총 저자수 3]

하홍구[교신저자]; 강병진; 김경환. Comparative effectiveness of androgen receptor pathway inhibitor treatment intensification for metastatic hormone-sensitive prostate cancer in real-world patients. INVESTIGATIVE AND CLINICAL UROLOGY 2025;66(6):516-525. [총 저자수 8]

하홍구; 김경환[제1저자]. Treatment strategies for cisplatin-ineligible metastatic bladder cancer: Emerging therapies and future perspectives. Investigative and Clinical Urology 2025;66(6):471-481. [총 저자수 6]

김태남[교신저자]; 남종길. Emerging technologies and clinical translation of urine-based liquid biopsy in urological cancers. GENES & GENOMICS 2025;47(12):1239-1251. [총 저자수 6]

김휘택[교신저자]; 김학상. Torsional Malalignment Syndrome: The Hidden Role of Medial Tibial Slope in Knee Varus and the Potential of PETS Treatment for Correction. JOURNAL OF PEDIATRIC ORTHOPAEDICS 2025. [총 저자수 2]

유학선[교신저자]. Microarray-based characterization of airway inflammation induced by environmental Acanthamoeba exposure versus the ovalbumin-alum model. Parasites, Hosts and Diseases 2025;63(4):327-339. [총 저자수 2]

백혜진[교신저자]. Multimodal Imaging and Clinical Implications of Collagenous Fibroma in the Juxtaforaminal Premaxillary Fat Pad Mimicking Locoregional Tumor Recurrence: A Case Report and Literature Review. CURRENT MEDICAL IMAGING 2025;21. [총 저자수 6]

이한철. Therapy for Atrial Fibrillation in Patients with Drug-Eluting Stents. NEW ENGLAND JOURNAL OF MEDICINE 2025. [총 저자수 50]

허정. Elebsiran and PEG-IFN α for chronic hepatitis B infection: a partially randomized, open-label, phase 2 trial. NATURE MEDICINE 2025. [총 저자수 33]

김아롱. A multimodal whole-slide foundation model for pathology. NATURE MEDICINE 2025;31(11):3749-3761. [총 저자수 29]

오준혁. Temporal modulation of antiplatelet therapy in high-risk patients undergoing complex percutaneous coronary intervention: the TAILORED-CHIP randomized clinical trial. EUROPEAN HEART JOURNAL 2025. [총 저자수 29]

최정천. Optical coherence tomography-guided stent optimization for complex coronary lesions: the OCCUPI trial. EUROPEAN HEART JOURNAL 2025. [총 저자수 30]

김운학. Illuminating the brain: Advanced fluorescent probes for neurotransmitter-based biomarkers in neurological diseases. COORDINATION CHEMISTRY REVIEWS 2026;549. [총 저자수 6]

황기원. Long-Term Antithrombotic Therapy in Patients With Atrial Fibrillation and Prior PCI: Insights From EPIC-CAD Trial. JACC-JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY 2025;86(12):940-943. [총 저자수 29]

배경남. Planet-wide performance of a skin disease AI algorithm validated in Korea. NPJ DIGITAL MEDICINE 2025;8(1). [총 저자수 16]

김관희. Myeloid cAMP Reduction Shifts Rhinovirus-Induced Airway Inflammation From Neutrophilic to Eosinophilic by Suppressing M1-Interstitial Macrophages. ALLERGY 2025;80(11):3055-3076. [총 저자수 10]

손경모. Indocyanine green fluorescence predicts biliary complications in living donor liver transplantation: a prospective cohort study. INTERNATIONAL JOURNAL OF SURGERY 2025;111(9):6114-6122. [총 저자수 11]

김관희. The gut microbiota limits systemic inflammation during neurotrophic viral CNS infection by priming tonic type I interferon signaling. JOURNAL OF NEUROINFLAMMATION 2025;22(1). [총 저자수 7]

박권오; 오상보. Gemcitabine and Cisplatin Plus Polymeric Micellar Paclitaxel and Survival in Advanced Biliary Tract Cancer A Randomized Clinical Trial. JAMA NETWORK OPEN 2025;8(10). [총 저자수 15]

정나연. Prognostic Value of A/T/N Biomarkers: Comparing Plasma and Imaging Modalities in Alzheimer Disease. CLINICAL NUCLEAR MEDICINE 2025. [총 저자수 26]

조한진. Blood pressure threshold and outcomes after successful endovascular thrombectomy. INTERNATIONAL JOURNAL OF STROKE 2025. [총 저자수 39]

오소연. Identifying predictive markers of head and neck squamous cell carcinoma in an umbrella trial (KCSG HN 15-16 TRIUMPH trial). ESMO OPEN 2025;10(10). [총 저자수 26]

김가기. Teclistamab versus B-cell maturation antigen-targeting chimeric antigen receptor T-cell therapy in multiple myeloma: a comparative effectiveness analysis. HAEMATOLOGICA 2025;110(10):2498-2502. [총 저자수 8]

김은주. CT-derived brain volumes and plasma p-Tau217 for risk stratification of amyloid positivity in early-stage Alzheimer's disease. ALZHEIMERS RESEARCH & THERAPY 2025;17(1). [총 저자수 20]

윤정필. Sevoflurane or remimazolam anaesthesia and emergence agitation after nasal surgery in adults: A randomised clinical trial. EUROPEAN JOURNAL OF ANAESTHESIOLOGY 2025;42(12):1085-1093. [총 저자수 6]

김지민; 이진춘; 방수영; 천용일; 성의숙; 신성찬; 이민형. Ferrostatin-1 Prevents Salivary Gland Dysfunction in an Ovariectomized Rat Model by Suppressing Mitophagy-Driven Ferroptosis. ANTIOXIDANTS 2025;14(9). [총 저자수 12]

서형일. Effect of double layer polyglycolic acid felt for reducing pancreatic fistula after pancreatoduodenectomy: Results of a multicenter randomized control trial (PLANET-PJ trial). ANNALS OF SURGERY 2025. [총 저자수 34]

허성철. Multiscale simulation of respiratory airflow using physiologically consistent geometry and boundary conditions in OpenFOAM. COMPUTERS IN BIOLOGY AND MEDICINE 2025;198. [총 저자수 6]

이정섭. Tunable heat transfer and flow structure modification in Rayleigh-Bénard convection with sinusoidal sidewall oscillation and classical configuration. THERMAL SCIENCE AND ENGINEERING PROGRESS 2026;69. [총 저자수 4]

오상보. Prediction of metastasis-free survival in patients with localized prostate adenocarcinoma using primary tumor and lymph node radiomics from pre-treatment PSMA-PET/CT scans. RADIOTHERAPY AND ONCOLOGY 2025;212. [총 저자수 10]

이지원A; 정연주. Artificial Intelligence-Driven Drafting of Chest X-Ray Reports: 2025 Position Statement From the Korean Society of Thoracic Radiology Based on an Expert Survey. Korean Journal of Radiology 2025;26(11):1100-1108. [총 저자수 23]

김현태; 박혜진. Efficacy and safety of low-molecular-weight collagen peptides in knee osteoarthritis: a randomized, double-blind, placebo-controlled trial. FRONTIERS IN NUTRITION 2025;12. [총 저자수 7]

신용일; 고성화. Pragmatic multicenter randomized controlled study on early supported discharge after stroke in Korea: the KOMPACT study. ANNALS OF PHYSICAL AND REHABILITATION MEDICINE 2025;68(8). [총 저자수 11]

박성준. Polystyrene nanoplastics increase migration in normal lung cells while inducing differential cytotoxicity in lung cancer cells. TOXICOLOGY 2026;519. [총 저자수 3]

이현수. Characterization of Streptococcus mitis subsp. carlssonii isolated from human vagina: prevalence, phenotypic, and genomic insights. FRONTIERS IN MICROBIOLOGY 2025;16. [총 저자수 14]

황기원. Off-label underdosing of edoxaban antithrombotic therapy for patients with atrial fibrillation and stable coronary artery disease: findings from the EPIC-CAD trial. HEART 2025. [총 저자수 22]

이정섭. Convolutional autoencoder-augmented sparse identification of noisy nonlinear fluid dynamics from unlabelled data. PHYSICS OF FLUIDS 2025;37(9). [총 저자수 6]

이연주. Perianal Disease Modifiers Are Associated With Less Severe Luminal Disease Activity in Children With Crohn's Disease at Diagnosis. INFLAMMATORY BOWEL DISEASES 2025. [총 저자수 20]

김아름. Shift from Streptococcus pneumoniae to Klebsiella pneumoniae: a 15-year nationwide study of bacterial meningitis in Korea. INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES 2025;161. [총 저자수 21]

조교진. Genomic surveillance for community-acquired pneumonia of unknown etiology in children. INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES 2025;161. [총 저자수 18]

조한진. Switching to rosuvastatin plus ezetimibe in statin-treated stroke patients with low-density lipoprotein cholesterol levels above 70 mg/dL (SWITCH): a prospective observational study. LIPIDS IN HEALTH AND DISEASE 2025;24(1). [총 저자수 19]

박현준. Areas of Controversy and Confusion in Male Infertility: A Call for Clarity. WORLD JOURNAL OF MENS HEALTH 2025. [총 저자수 25]

이승은; 조은정. Treatable traits in chronic cough: a prospective evaluation for predicting cough persistence. ERJ OPEN RESEARCH 2025;11(4). [총 저자수 23]

조우현. Optimal time and volume of fluid resuscitation in patients with sepsis: a nationwide multicenter cohort study. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 33]

박성욱; 양욱태. Factors associated with shock-refractory prehospital cardiac arrest. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 110]

이현수. Pangenome analysis of Lactobacillus mulieris strains reveals distinct subspecies clusters with defined ecological adaptations. MICROBIOLOGY SPECTRUM 2025;13(11). [총 저자수 14]

송상현. Effects of hospitalization before hemodialysis on mortality in dialysis patients. BMC GERIATRICS 2025;25(1). [총 저자수 19]

박권오. Pemetrexed Maintenance versus Observation in Patients with Advanced Urothelial Carcinoma Who Completed First-Line Platinum-Based Chemotherapy without Disease Progression (PREMIER, KCSG GU16-05). Cancer Research and Treatment 2025;57(4):1167-1177. [총 저자수 11]

오소연. A Prospective, Single-Cohort, Open, Multi-center, Observational Study of Sublingual Fentanyl for Breakthrough Cancer Pain: Effectiveness, Safety, and Tolerability in Korean Cancer Patients. Cancer Research and Treatment 2025;57(4):1231-1239. [총 저자수 14]

임선희. Dietary management of pediatric patients with kidney disease: recommendations by The Korean Society of Pediatric Nephrology and The Korean Society of Clinical Nutrition. KIDNEY RESEARCH AND CLINICAL PRACTICE 2025;44(6):863-874. [총 저자수 21]

오소연. Differential Efficacy of Alpelisib by PIK3CA Mutation Site in Head and Neck Squamous Cell Carcinoma: An Analysis from the KCSG HN 15-16 TRIUMPH Trial. Cancer Research and Treatment 2025;57(4):968-980. [총 저자수 15]

이상현. A Phase III Randomized Controlled Trial Evaluating the Efficacy and Safety of Azilsartan Medoxomil and Amlodipine Combination Therapy in Patients With Mild-to-Moderate Essential Hypertension Inadequately Controlled on Monotherapy. CLINICAL THERAPEUTICS 2025. [총 저자수 10]

차광수. Efficacy and Safety of Fimasartan, Atorvastatin, and Ezetimibe Combination Therapy in Patients With Hypertension and Dyslipidemia: A Randomized, Double-Blind, Multicenter, Therapeutic Confirmatory, Phase III Clinical Trial. CLINICAL THERAPEUTICS 2025;47(11):1028-1036. [총 저자수 26]

차광수. Efficacy and Safety of Rosuvastatin/Amlodipine FDC in Patients With Hypertension and Dyslipidemia: A Multicenter, Prospective, Observational Study. CLINICAL THERAPEUTICS 2025;47(12):1104-1112. [총 저자수 20]

이창형. Feasibility Study of a Thruster-Based Wearable Robot for Aquatic Knee Exercise. IEEE ACCESS 2025;13162176-162190. [총 저자수 4]

김정훈. Quality Matters: Effect of High-Quality Early Palliative Care in Advanced Cancer. JOURNAL OF PAIN AND SYMPTOM MANAGEMENT 2025. [총 저자수 17]

이재민. The Gaucher Earlier Diagnosis Consensus point-scoring system for children and young adults: a retrospective and prospective evaluation in Korea. ORPHANET JOURNAL OF RARE DISEASES 2025;20(1). [총 저자수 17]

조정수. Prognostic factors affecting mortality in elderly, low body mass index, and poor performance status groups with lung cancer: analysis of the 2016 Korean Association of Lung Cancer Registry (KALC-R) database. TRANSLATIONAL LUNG CANCER RESEARCH 2025;14(9):3589-3606. [총 저자수 23]

하지영. Development and validation of a deep learning-based algorithm for quantifying bronchiolitis obliterans in paediatric computed tomography. BRITISH JOURNAL OF RADIOLOGY 2025. [총 저자수 9]

김한솔. Toward personalized therapeutic drug monitoring of ustekinumab in Crohn's disease: influence of previous exposure to biologics. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY 2025;18. [총 저자수 8]

이봉은. Impact of Enhanced Dietary Education Program on Gastrointestinal Symptoms in Patients With Functional Gastrointestinal Disorders: A Multicenter Prospective Pilot Study. Journal of Neurogastroenterology and Motility 2025;31(4):447-461. [총 저자수 15]

박상일. Electron and proton FLASH beam dosimetry using unified alanine, EBT-XD, and HD-V2 Gafchromic film dosimeters. MEDICAL PHYSICS 2025;52(10). [총 저자수 12]

김광하. Comparative Efficacy of Potassium-Competitive Acid Blocker-Based Triple Therapy with Tegoprazan versus Vonoprazan for Helicobacter pylori Eradication: A Randomized, Double-Blind, Active-Controlled Pilot Study. GUT AND LIVER 2025;19(5):696-705. [총 저자수 7]

윤기태. Temporal Dynamics and Treatment Outcomes of Hepatitis C Virus/Human Immunodeficiency Virus Coinfection: A Multicenter Retrospective Study from South Korea. Gut and Liver 2025;19(6):868-877. [총 저자수 18]

한성용. Early Oral Refeeding in Patients with Post-Endoscopic Retrograde Cholangiopancreatography Pancreatitis: A Randomized Controlled Trial. Gut and Liver 2025;19(6):900-908. [총 저자수 10]

이승현. Environmental noise exposure and a new biomarker of Alzheimer's disease: A pilot study. JOURNAL OF ALZHEIMERS DISEASE 2025. [총 저자수 6]

김윤학. Association of Clopidogrel Genetic Polymorphism With Efficacy and Safety for Ischemic Stroke or Transient Ischemic Attack: A Systematic Review and Updated Meta-Analysis. JOURNAL OF CLINICAL NEUROLOGY 2025;21(6):514-526. [총 저자수 9]

남종길; 김경환. Demonstrating the non-inferiority of robotic radical cystectomy for cT3-cT4 urothelial carcinoma in the era of neoadjuvant chemotherapy: a propensity score-matched analysis. JOURNAL OF ROBOTIC SURGERY 2025;19(1). [총 저자수 18]

김승철. Glycosylated Hemoglobin Levels in the Third Trimester for Predicting Adverse Pregnancy and Neonatal Outcomes in Women with Pre-Gestational Diabetes: A Multi-Center Retrospective Cohort Study in South Korea. JOURNAL OF CLINICAL MEDICINE 2025;14(18). [총 저자수 18]

김동현. Efficacy of Herbal Medicine Therapy Combined With Palliative Chemotherapy in Unresectable Advanced NSCLC: A Systematic Review and Meta-Analysis. INTEGRATIVE CANCER THERAPIES 2025;24. [총 저자수 8]

신용일. An open-source compact stimulator for various transcranial and transcutaneous electrical stimulation in preclinical research. BIOMEDICAL ENGINEERING LETTERS 2025. [총 저자수 6]

조아름. The impact of multimodal prehabilitation on patient activation before surgery: a cohort study. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES 2025;39(9):6139-6148. [총 저자수 9]

신호진; 김도영; 정기선. Survival Benefits of Early Treatment With Blinatumomab in Adult Patients With Relapsed/Refractory B-Cell Acute Lymphoblastic Leukemia. CLINICAL LYMPHOMA MYELOMA & LEUKEMIA 2025;25(12):e1160-e1172.e8. [총 저자수 19]

송지연. Factors influencing serum uric acid levels and their impact on cardiovascular risk in patients with pediatric chronic kidney disease. PEDIATRIC NEPHROLOGY 2025. [총 저자수 16]

김소희. Lung Microphysiological System Validates Novel Cell Therapy for Acute Respiratory Distress Syndrome. ADVANCED BIOLOGY 2025. [총 저자수 12]

박수은. A Multicenter Study on Symptomatic Neonatal Herpes Simplex Virus Infection in Korea From 2008 to 2017. Journal of Korean Medical Science 2025;40(42):1-8. [총 저자수 15]

박수은. Hospital-Based Surveillance of Pediatric Invasive Pneumococcal Diseases, 2016-2023 in Korea: Serotype Trends and Vaccination Policy. Journal of Korean Medical Science 2025;40(40). [총 저자수 22]

이한철. High-Intensity Statin versus Upfront Equivalent-Dose Combination of Moderate-Intensity Statin with Ezetimibe Following Acute Myocardial Infarction (ROSUZET-AMI): protocol of a multicentre, open-label, randomised non-inferiority trial. BMJ OPEN 2025;15(11). [총 저자수 21]

변정희; 이해림. Arrhythmic Risk and Clinical Features in Catecholaminergic Polymorphic Ventricular Tachycardia: Results From a Multicenter Study in Korea. AMERICAN JOURNAL OF CARDIOLOGY 2025;254:119-126. [총 저자수 26]

손경모. Efficacy of preoperative immunonutrition in malnourished patients undergoing colorectal cancer surgery: a study protocol for a multicenter randomized clinical trial. TRIALS 2025;26(1). [총 저자수 9]

박진섭. Impact of obesity on palpation-guided distal radial access for coronary procedures: subgroup analysis of the multicenter, prospective KODRA registry. CARDIOLOGY JOURNAL 2025. [총 저자수 20]

강아름; 이민진. Impact of Mobile App-Based Self-Monitoring Engagement on Self-Care Self-Efficacy, Health Behaviors, and Hemoglobin A1c Among Patients With Type 2 Diabetes Mellitus: A Secondary Analysis of a Randomized Controlled Trial. WESTERN JOURNAL OF NURSING RESEARCH 2025;47(12):1180-1192. [총 저자수 4]

이승현. Bidirectional genetic associations between chronotype and shift work: A Mendelian randomization study. CHRONOBIOLOGY INTERNATIONAL 2025;42(12):1736-1743. [총 저자수 7]

김수용. Effects of Pilates and cervical stabilization exercises on neck alignment, neck function, and balance in individuals with forward head posture: A randomized controlled trial. ISOKINETICS AND EXERCISE SCIENCE 2025;33(4):302-312. [총 저자수 4]

2025년 10월 ~ 12월 신규 부산대학교 치의학전문대학원 및 병원 연구자 SCIE 논문 (총 22편)

권용훈; 장혜옥[교신저자]; 신운철; 박소영[제1저자]; 김우일. Application of Amino Acid-Based Carbon Dots for the Treatment of Oral Bacteria and Oral Cancer Cells In Vitro Using a Dental Light-Curing Unit via ROS-Mediated Therapy. NANOMATERIALS 2025;15(21). [총 저자수 6]

김규천; 황대석[교신저자]; 장윤서; 장훈[제1저자]. Plasma-activated medium induces apoptosis of oral squamous cell carcinoma through the MAPKs pathway. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 4]

황대석[교신저자]; 장윤서; 자이스왈 엠 샤리아[제1저자]. Therapeutic potential of no-ozone cold plasma-activated saline in osteosarcoma through mitochondrial and MAPK pathway modulation. SCIENTIFIC REPORTS 2025;15(1). [총 저자수 3]

장혜옥[제1저자]; 배수경; 김다솔[교신저자]; 주지민. Effects of Eucommia ulmoides Oliver Extracts on Odontoblast Differentiation in Human Dental Pulp Stem Cells. CURRENT ISSUES IN MOLECULAR BIOLOGY 2025;47(10). [총 저자수 5]

김인령[교신저자]; 이은경[제1저자]. A Single-Nucleus Transcriptomic Atlas of Human Supernumerary Tooth Pulp Reveals Lineage Diversity and Transcriptional Heterogeneity Using PCA-Based Analysis. APPLIED SCIENCES-BASEL 2025;15(18). [총 저자수 2]

권용훈[교신저자]; 장혜옥[교신저자]; 유미현; 박소영[제1저자]; 김우일. Reactive Oxygen Species-Mediated Oral Cancer Cells Treatment Using Photosensitizer-Combined Carbon Dots via Apoptosis-Ferroptosis Synergistic Therapy. APPLIED SCIENCES-BASEL 2025;15(19). [총 저자수 6]

김용일[교신저자]; 김성식; 최윤경[제1저자]; 김성훈; 백승은; 김기연[교신저자]. Iterative finite element analysis of clear aligner-induced bodily canine movement under alveolar bone loss conditions. 대한치과교정학회지 2025;55(6):487-494. [총 저자수 6]

김형식[교신저자]; 오수정[교신저자]; 박희정[제1저자]. Organoid-based modeling and regenerative strategies for salivary gland dysfunction. The Korean Journal of Physiology & Pharmacology 2025;29(6):683-698. [총 저자수 4]

정태성; 신종현[교신저자]; 이은경; 박소영; 서원빈[제1저자]. Panoramic Assessment of Root Development in Immature Maxillary Incisors After Treatment with Prefabricated Functional Appliances. CHILDREN-BASEL 2025;12(10). [총 저자수 5]

김현철[교신저자]; 곽상원[교신저자]; 이소망[제1저자]. Laboratory Evaluation of the Physicochemical Properties of Novel Pre-Mixed Putty-Type Bioceramic Materials. AUSTRALIAN ENDODONTIC JOURNAL 2025. [총 저자수 4]

황대석; 이재열[교신저자]; 류지혜; 문치호; 김규범; 배정환[제1저자]. Virtual Surgical Planning in Orthognathic Surgery. JOURNAL OF CRANIOFACIAL SURGERY 2025;36(8):e1452-e1457. [총 저자수 6]

김형식[제1저자]. The multifaceted role of YAP in the tumor microenvironment and its therapeutic implications in cancer. EXPERIMENTAL AND MOLECULAR MEDICINE 2025;57(10). [총 저자수 2]

박혜련[교신저자]; 김현주; 오정민. Identification of circulating miRNA alterations in diabetes patients excluding periodontitis effects: insights into target gene downregulation in diabetic complications. ANNALS OF MEDICINE 2025;57(1). [총 저자수 6]

김현철[교신저자]. Investigation of Static versus Dynamic Cyclic Fatigue Resistance in NiTi Endodontic Instruments with Different Alloy Treatments at Body Temperature. JOURNAL OF ENDODONTICS 2025. [총 저자수 7]

오정민[교신저자]; 김영재. Polystyrene nanoplastics increase migration in normal lung cells while inducing differential cytotoxicity in lung cancer cells. TOXICOLOGY 2026;519. [총 저자수 3]

이재열[교신저자]; 배문경; 김형준[교신저자]; 류지혜; 금보람. Cancer-associated fibroblast-derived interleukin-6 as a key driver of epithelial-mesenchymal transition and metastasis in oral squamous cell carcinoma. JOURNAL OF DENTAL SCIENCES 2025. [총 저자수 6]

김규천[교신저자]. Effects of Platelet-Rich Fibrin Treated with No-Ozone Cold Plasma on the Alkaline Phosphatase in Rat Bone Marrow Cells: An In Vitro Study. APPLIED SCIENCES-BASEL 2025;15(17). [총 저자수 2]

김규천[교신저자]. Potential of Sambucus williamsii var. coreana Extract as a Safe and Effective Antimicrobial Agent for Periodontal Applications. APPLIED SCIENCES-BASEL 2025;15(18). [총 저자수 3]

손성애; 박정길; 김재훈[교신저자]; 신형석. Development of a Quantitative Method to Assess Dental Students' Manual Dexterity in Tooth Cavity Preparation. EUROPEAN JOURNAL OF DENTAL EDUCATION 2025. [총 저자수 6]

김재훈[제1저자]. Ubiquitous-Based Testing in Dental Education: Insights From the Unified Theory of Acceptance and Use of Technology. JOURNAL OF DENTAL EDUCATION 2025. [총 저자수 2]

김동현[단독]. Cigarette smoke as a superspreading vector of SARS-CoV-2, measles virus, and influenza virus: A hypothesis on virus-laden aerosol formation and transport. MEDICAL HYPOTHESES 2025;203. [총 저자수 1]

김현철. Thermal Behaviour of Teeth With Internal Root Resorption During Obturation and Enhancing Thermal Simulations: A Finite-Element Analysis. INTERNATIONAL DENTAL JOURNAL 2025;75(6). [총 저자수 5]

2025년 10월 ~ 12월 신규 부산대학교 한의학전문대학원 및 병원 연구자 SCIE 논문 (총 23편)

허인[교신저자]; 박선영[제1저자]; 이상현. Efficacy and safety of low-molecular-weight collagen peptides in knee osteoarthritis: a randomized, double-blind, placebo-controlled trial. FRONTIERS IN NUTRITION 2025;12. [총 저자수 7]

구성태[교신저자]; 하기태; 김승태; 비슈누몰라 칼라 칸티 사이 신드후리[제1저자]; 구민재; 전승현. Electroacupuncture Alleviates Neuropathic Pain by Inhibiting Spinal CCL2-Driven Microglial Activation. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025;26(18). [총 저자수 6]

윤영진; 박장경[교신저자]; 김수빈[제1저자]. Shaofu Zhuyu Decoction for Treating Endometriosis: A Systematic Review and Meta-Analysis. PHARMACEUTICALS 2025;18(9). [총 저자수 4]

김병주[교신저자]; 최나리[제1저자]; 최우균. Therapeutic effects of Poncirus fructus on colonic dysfunction and visceral pain in a zymosan-induced irritable bowel syndrome mouse model through interstitial cells of Cajal and ion channel modulation. FRONTIERS IN PHARMACOLOGY 2025;16. [총 저자수 10]

하기태[교신저자]; 양은선[제1저자]; 박원영; 천세윤[제1저자]; 김태경; 메쉬람 스나할 찬드라칸트. Ilimaquinone-induced lipophagy diminishes lipid accumulation via AMPK activation. BMB Reports 2025;58(9):415-423. [총 저자수 11]

신병철[교신저자]; 손자연[한의학과/제1저자]. Pharmacopuncture for patients with psychological stress caused by traffic accidents: A pragmatic randomized controlled pilot trial. Integrative Medicine Research 2026;15(1). [총 저자수 14]

김지환; 박소정[교신저자]; 진예진; 김동현; 박미선; 권종하[제1저자]. Efficacy of Herbal Medicine Therapy Combined With Palliative Chemotherapy in Unresectable Advanced NSCLC: A Systematic Review and Meta-Analysis. INTEGRATIVE CANCER THERAPIES 2025;24. [총 저자수 8]

정태욱[교신저자]; 최희정[제1저자]; 박미주. The Anti-atopic Perilla Seed Oil and Ethanol Extract on TNF- α /IFN- γ -Stimulated inflammatory Responses in Human HaCaT Keratinocytes. MOLECULAR BIOTECHNOLOGY 2025. [총 저자수 10]

김병주[교신저자]; 최우균[제1저자]. Apoptosis in Human Gastric Cancer Cells is Triggered by Petasites japonicus Extract via ROS-Dependent MAPK Pathway Activation. BIOCELL 2025. [총 저자수 2]

김병주[교신저자]; 최나리[제1저자]; 최우균. Efficacy of Traditional Herbal Medicine, Bojungikki-Tang (Hochuekkito, Bu-Zhong-Yi-Qi-Tang), in Irritable Bowel Syndrome: Mechanisms Involving TRP and NaV Channels. PHARMACOGNOSY MAGAZINE 2025. [총 저자수 6]

김지환[제1저자]. Multiscale Interactome-Guided Discovery Candidate Herbs and Active Ingredients Against Hyperthyroidism by Biased Random Walk Algorithm. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025;26(19). [총 저자수 6]

박지수[제1저자]. Suprahyoid Muscle Strengthening Using a Novel Exercise Device in Older Adults With Oral Hypofunction: A Randomised Placebo-Controlled Trial. JOURNAL OF ORAL REHABILITATION 2025. [총 저자수 3]

박지수[제1저자]. Personalised Masticatory Training Using a Visual Biofeedback-Assisted Digital Device for Improving Oral Function in Older Adults With Oral Frailty. JOURNAL OF ORAL REHABILITATION 2025. [총 저자수 5]

채한[제1저자]. Biopsychological pattern underlying the psychosomatic symptoms of patients with Hwabyung from a universal perspective. BIOPSYCHOSOCIAL MEDICINE 2025;19(1). [총 저자수 5]

김남권[교신저자]; 김린애; 오명진. Lower LEDD and Polypharmacy Rates Beyond the Honeymoon Period in Patients With Parkinson's Disease Integrative Western-Korean Medicine Interventions: A CARE-Compliant Case Series. PARKINSONS DISEASE 2025;2025(1). [총 저자수 12]

박지수[제1저자]. Tongue-Strengthening Exercise in Older Adults With Sarcopenic Dysphagia: A Randomised Controlled Trial. GERODONTOLOGY 2025. [총 저자수 3]

신상우; 이해윤[교신저자]. Nationwide cross-sectional survey on the necessity of including a clinical skills assessment in the national licensure examination for Doctors of Korean Medicine. MEDICINE 2025;104(45). [총 저자수 9]

유지은[제1저자]. The Impact of Duration Since Cancer Diagnosis and Anxiety or Depression on the Utilization of Korean Medicine. INTERNATIONAL JOURNAL OF MENTAL HEALTH PROMOTION 2025;27(9):1353-1367. [총 저자수 4]

김지환. Evaluating current status of network pharmacology for herbal medicine focusing on identifying mechanisms and therapeutic effects. JOURNAL OF ADVANCED RESEARCH 2025;76799-815. [총 저자수 11]

이재웅. Myeloid-Specific STAT3 Deletion Aggravates Liver Fibrosis in Mice Fed a Methionine- and Choline-Deficient Diet via Upregulation of Hepatocyte-Derived Lipocalin-2. CELLS 2025;14(19). [총 저자수 10]

박장경. Anticancer Activity of Snake Venom Against Breast Cancer: A Scoping Review. TOXINS 2025;17(10). [총 저자수 4]

정한술; 박수정. Real-world evidence on the additional cancer risk reduction of ezetimibe: a 10-year nationwide retrospective cohort study emulating a target trial. JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY 2025;151(10). [총 저자수 15]

신병철. An open-source compact stimulator for various transcranial and transcutaneous electrical stimulation in preclinical research. BIOMEDICAL ENGINEERING LETTERS 2025. [총 저자수 6]