

令和8年度新潟大学優秀論文表彰 対象論文一覧

論文表題	新潟大学所属の主要な著者	DOI	雑誌名	※優秀論文大賞
Durvalumab, carboplatin, and etoposide in patients who are treatment-naïve with extensive-stage small-cell lung cancer and poor performance status (NEJ045A): a single-arm phase 2 trial	渡部 聡(医歯学総合病院) 才田 優(医歯学総合病院)	10.1016/S2213-2600(25)00240-1	LANCET RESPIRATORY MEDICINE	
Lipofuscin accumulation in aging and neurodegeneration: a potential “timebomb” overlooked in Alzheimer’s disease	DOUGNON Tchetonougbo Godfried(脳研究所) 松井 秀彰(脳研究所)	10.1186/s40035-025-00529-x	TRANSLATIONAL NEURODEGENERATION	
Long-Term Clinical Landscapes of Spinal Hypertrophic Pachymeningitis With Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis	河内 泉(医歯学系) 中島 章博(医歯学総合病院)	10.1212/WNL.00000000000213420	Neurology	
Wnt/ β -catenin Promotes Cementum Apposition in Periodontal Regeneration	加来 賢(医歯学系) 小野 喜樹(医歯学系)	10.1177/00220345241286490	JOURNAL OF DENTAL RESEARCH	
Relation between resting amygdala activity and cardiovascular events in patients with cardiac sarcoidosis	大槻 総(医歯学総合病院) 島田 斉(脳研究所)	10.1007/s00259-025-07266-3	EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	
Hierarchical RIME algorithm with Multiple Search Preferences for Extreme Learning Machine Training	余 俊(自然科学系)	10.1016/j.aej.2024.09.109	Alexandria Engineering Journal	
A novel method for generating chimeric antigen receptor-transduced primary human natural killer cells by the use of multiple cytokines and anti-CD2 and anti-NKp46 stimulatory antibodies	久保 暢大(医歯学総合病院)	10.1016/j.biopha.2025.118505	Biomedicine & Pharmacotherapy	
On boundedness and moduli spaces of K-stable Calabi-Yau fibrations over curves	橋詰 健太(自然科学系)	10.2140/gt.2025.29.1619	Geometry & Topology	
6,21-Diaza-m-benziporphyrins and 6,21-Diaza-m-pyriporphyrins with meso-N-Substituents: Synthesis and Evaluation of Antiaromatic Characters	俣野 善博(自然科学系)	10.1021/acs.orglett.5c02644	Organic Letters	
Enhanced Crested Ibis Algorithm: Performance Validation in Benchmark Functions, Engineering Problem, and Application in Brain Tumor Detection	余 俊(自然科学系)	10.1016/j.eswa.2025.128231	Expert Systems With Applications	
Inhibition of formyl peptide receptor-1-mediated cell death as a therapy for lethal cutaneous drug reactions in preclinical models	木村 春奈(医歯学総合病院) 長谷川 瑛人(医歯学総合病院) 阿部 理一郎(医歯学系)	10.1038/s41467-025-63744-0	NATURE COMMUNICATIONS	
Secretory leucocyte protease inhibitor regulates bone metabolism and inflammation in experimental mouse periodontitis	寺尾 豊(医歯学系) 笹川 花梨(医歯学総合病院)	10.1038/s42003-025-08197-3	COMMUNICATIONS BIOLOGY	

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Rare nonsynonymous germline and mosaic de novo variants in Japanese patients with schizophrenia	渡部 雄一郎(医歯学総合病院)	10.1111/pcn.13758	PSYCHIATRY AND CLINICAL NEUROSCIENCES
Behavioral and molecular insights into anxiety in ube3a and fmr1 zebrafish models of autism spectrum disorders	DOUGNON Tchetonougbo Godfried(脳研究所) 松井 秀彰(脳研究所)	10.1038/s41398-025-03741-5	TRANSLATIONAL PSYCHIATRY
Chemical Digestion-Assisted Proteomics Reveals the Extracellular Matrix Profile of Human Periodontal Ligament and its Alterations in Cultured Cell-Derived Extracellular Matrix	加来 賢(医歯学系) 土橋 梓(医歯学総合病院)	10.1016/j.mcpro.2025.101460	MOLECULAR & CELLULAR PROTEOMICS
Cross-sectional and Longitudinal Associations Between Family History of Type 2 Diabetes Mellitus, Hypertension, and Dyslipidemia and Their Prevalence and Incidence: Toranomon Hospital Health Management Center Study (TOPICS24)	曾根 博仁(医歯学系) 池田 和泉(医歯学系)	10.1016/j.mayocp.2024.10.020	Mayo Clin Proc
Interactive Effects of COVID-19 Infection and Psychological Factors on Oral Health-Related Quality of Life in Myanmar	Kaung Myat Thwin(医歯学系)	10.1111/joor.13928	JOURNAL OF ORAL REHABILITATION
Recent advances in the diagnosis and treatment of Stevens-Johnson syndrome/toxic epidermal necrolysis	濱 菜摘(医歯学系)	10.1016/j.alit.2025.05.008	ALLERGOLOGY INTERNATIONAL
Effect of deterioration of swallowing functions on the frailty status in older adults: a longitudinal cohort study	長谷川 陽子(医歯学総合病院)	10.1186/s12877-025-05896-8	BMC geriatrics
Concordance Between Pharmaceuticals and Medical Devices Agency Review and Ministry of Health, Labour and Welfare Decision Among New Drug Applications in Japan.	田中 基嗣(医歯学総合病院) 宮澤 誠(医歯学総合病院)	10.1002/cpt.3485	Clinical Pharmacology & Therapeutics
Protists exhibit community-level adaptation and functional redundancy under gradient soil salinity	Asiloglu Rasit(自然科学系)	10.1016/j.scitotenv.2025.179606	Science of The Total Environment
Deriving Human Intestinal Organoids with Functional Tissue-Resident Macrophages All From Pluripotent Stem Cells	富永 顕太郎(医歯学系)	10.1016/j.jcmgh.2024.101444	Cellular and Molecular Gastroenterology and Hepatology
Impact of adult attachment style on bonding mediated by depression and anxiety across the perinatal period	渡部 雄一郎(医歯学総合病院) 福井 直樹(医歯学系)	10.1016/j.jad.2025.119763	JOURNAL OF AFFECTIVE DISORDERS
Highly stable and efficient photoelectrochemical water oxidation at an anisotropically crystallized monoclinic WO3 film with predominant growth of the (202) plane	坪ノ内 優太(自然科学系) 八木 政行(自然科学系)	10.1039/d5ta01249j	JOURNAL OF MATERIALS CHEMISTRY A

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Persistent body-weight change on achalasia and peroral endoscopic myotomy: a multicenter cohort study	佐藤 裕樹(医歯学系) 高橋 一也(医歯学総合病院)	10.1007/s00535-024-02205-9	Journal of Gastroenterology
Designing borate-based lithium ionic liquids with high lithium ionic conductivity	梅林 泰宏(自然科学系)	10.1016/j.molliq.2025.128984	Journal of Molecular Liquids
Role of the Insulin Receptor in Mediating Cytosolic Delivery of Proteins by a Modified Cell-Penetrating Peptide	奥田 明子(医歯学系) 須貝 景斗(医歯学総合病院)	10.3390/ph18121885	Pharmaceuticals
Near-Infrared Photoimmunotherapy in Brain Tumors-An Unexplored Frontier	梶田 学(脳研究所)	10.3390/ph18050751	Pharmaceuticals
The African turquoise killifish (<i>Nothobranchius furzeri</i>): A model of age-related diseases and declining regenerative capability across multiple organs	大塚 堯慶(脳研究所) 松井 秀彰(脳研究所)	10.1016/j.mad.2025.112087	MECHANISMS OF AGEING AND DEVELOPMENT
Effects of Freeze-Dried Sake Lees and Rice Koji Extract on Osteoporosis in a Postmenopausal Mouse Model	柿原 嘉人(医歯学系)	10.3390/nu17193077	Nutrients
Association of changes in the type 2 diabetes and MASLD/related SLD status with risk of developing cardiovascular disease	松林 泰弘(医歯学総合病院) 藤原 和哉(医歯学系)	10.1111/dom.16196	DIABETES OBESITY AND METABOLISM
Surjective Isometries on Function Spaces with Derivatives	三浦 毅(自然科学系)	10.1007/s00009-025-02892-5	Mediterranean Journal of Mathematics
Semistable reduction for complex analytic spaces	橋詰 健太(自然科学系)	10.1090/tran/9365	Transactions of the American Mathematical Society
Minimal Model Program for Normal Pairs along log Canonical Locus	橋詰 健太(自然科学系)	10.1017/fms.2025.10092	Forum of Mathematics, Sigma
Risk of lung injury with immune checkpoint inhibitors after talc pleurodesis: A retrospective study	渡部 聡(医歯学総合病院) 野崎 幸一郎(医歯学系)	10.1016/j.lungcan.2025.108590	LUNG CANCER
The diagnostic value of comprehensive next-generation sequencing for genetic mutations in suspected lung cancer cases with negative pathological cytology	渡部 聡(医歯学総合病院)	10.1016/j.lungcan.2025.108505	LUNG CANCER

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Impacts of dental checkups on oral function among Japanese older adults	Kaung Myat Thwin (医歯学系) 竹原 祥子 (医歯学系)	10.1038/s41598-025-02206-5	SCIENTIFIC REPORTS
Parechovirus-A3 Infection in Neonates and Young Infants from the Pre-Coronavirus Disease 2019 Pandemic Period to the Post-Restriction Era from the Pediatric Parechovirus Surveillance Group in Japan	相澤 悠太 (医歯学系)	10.1093/jpids/piaf100	Journal of the Pediatric Infectious Diseases Society
Effects of radiative corrections on Starobinsky inflation	金田 邦雄 (人文・社会科学系)	10.1103/8cx9-c642	PHYSICAL REVIEW D
Early prevention of carrageenan-induced peripheral/spinal inflammation suppresses microglial hyperreactivity in the trigeminal spinal subnucleus caudalis and alleviates chronic facial nociception	山本 徹 (医歯学総合病院)	10.1016/j.heliyon.2024.e41602	Heliyon
Privatization Versus Managerial Delegation: Revisiting Delegation in a Mixed Duopoly	濱田 弘潤 (人文・社会科学系)	10.1002/mde.4488	Managerial and Decision Economics
Advances in Local Drug Delivery for Periodontal Treatment: Present Strategies and Future Directions	中島 麻由佳 (医歯学系) 多部田 康一 (医歯学系)	10.3390/biom15060903	BIOMOLECULES
Association of Medication Profiles, Including Polypharmacy, Guideline-Directed Medical Therapy, and Potentially Inappropriate Medications, With All-Cause Mortality in Older Adults With Heart Failure, With or Without Frailty and Disability	関谷 祐香 (医歯学総合病院) 藤木 伸也 (医歯学系)	10.1253/circj.CJ-25-0200	Circulation journal
A simple algorithm to derive virtual non-contrast electron density from dual-energy computed tomography data for radiotherapy treatment planning	齋藤 正敏 (医歯学系)	10.1002/mp.17648	Medical Physics
Cooperation of GlycoPOST and UniCarb-DR towards a comprehensive glycomics data repository workflow	高橋 悠志 (医歯学系)	10.1007/s00216-024-05673-3	ANALYTICAL AND BIOANALYTICAL CHEMISTRY
Lipemia and its associations with liver disease and dyslipidemia: a cross-sectional study	大澤 まみ (医歯学系)	10.1186/s12944-025-02845-7	LIPIDS IN HEALTH AND DISEASE
Prevalence and Clustering of Lifestyle Risk Factors for Chronic Diseases Among Middle-Aged Migrants in Japan	Abeywickrama Hansani Madushika (医歯学系)	10.3390/healthcare13212781	Healthcare (Basel)
Causes of applying Long-Term Care Insurance certification for patients with heart failure with systolic dysfunction	藤木 伸也 (医歯学系)	10.1111/ggi.70052	Geriatr Gerontol Int