令和8年度「インパクト論文賞」受賞論文リスト（2026年11月）

ハイインパクト論文賞：2報

氏名	所属	論文掲載誌	論文タイトル
三浦　郁修	熱帯医学・グローバルヘルス研究科	Science Translational Medicine	Modeling lesion transition dynamics to clinically characterize patients with clade I mpox in the Democratic Republic of the Congo
向井　英史	医歯薬学総合研究科（薬学系）	Journal of Controlled Release	Tumor-stromal opening via S. typhimurium VNP20009 administration for complete inhibition of refractory tumor growth with liposomal anticancer drugs

インパクト論文賞：110報

氏名	所属	論文掲載誌	論文タイトル
岸川　直哉	医歯薬学総合研究科（薬学系）	Sensors and Actuators B- Chemical	Chitosan-alizarin nanoflower as an unprecedented hydrogen peroxide-independent peroxidase mimicking chemiluminescent label for the detection of COVID-19 in non-enzymatic nanoflower linked immunosorbent assay (NF-LISA)
上田　太郎	総合生産科学研究科（工学系）	Sensors and Actuators B- Chemical	Effects of structure and thickness of Ce0.9Pr0.1O2 electrodes of YSZ-based gas sensors on VOC-sensing properties
藤岡　貴浩	総合生産科学研究科（工学系）	Desalination	Surface-tuning of polyamide nanofiltration membranes via controlled solvent activation and graphene oxide coating
ブアバー　サンドリン	総合生産科学研究科（工学系）	Desalination	Pre-coagulation of surface water for mitigating membrane fouling during submerged nanofiltration
カン　ヒョリム	熱帯医学研究所	eClinicalMedicine	Age-specific chikungunya outbreak response immunisation strategies in Brazil: a modelling study
ガルシアノボパチ	総合生産科学研究科（工学系）	Energy	Influence of high-resolution bathymetry coverage area on the accuracy of ocean models for tidal current energy applications
蒋　宇静	総合生産科学研究科（工学系）	Computer-Aided Civil and Infrastructure Engineering	Automated detection system of metro tunnel lining crack using dynamic snake convolution
吉田　教明	医歯薬学総合研究科（歯学系）	Progress in Orthodontics	Biomechanical effect of combined use of mini-screws and aligners in preventing uncontrolled tipping of the incisor and mesial tipping of the molar: a three-dimensional finite element study
赤澤　祐子	医歯薬学総合研究科（医学系）	Modern pathology	Intratumoral Fibrotic Features Are Associated With Lymph Node Metastasis and Recurrence in Patients With Advanced Colon Cancer
兵頭　健生	総合生産科学研究科（工学系）	Chemical Engineering Journal	Highly sensitive and selective room temperature triethylamine gas sensor based on novel BiOCl/ZnO heterojunction
大嶺　聖	総合生産科学研究科（工学系）	Chemical Engineering Journal	Wind-driven sustainable carbonizer-derived activated grass and paper carbons: Efficient scavengers of fluoride from leachate and aqueous solutions
有馬　弘晃	熱帯医学研究所	Tropical Medicine and Health	Seroprevalence and associated behavioral factors of Toxoplasma gondii infection among pregnant women in Pokhara Valley, Nepal
日達　真美	熱帯医学研究所	Tropical medicine and health	The association between 2017 American College of Cardiology/American Heart Association guideline for hypertension and neonatal outcomes in Kenya: a retrospective study
増田　研	熱帯医学・グローバルヘルス研究科	Tropical Medicine and Health	Barriers and facilitators for treatment-seeking among women with genital fistula: A facility-based qualitative study in Bangladesh
清水　皓己	熱帯医学・グローバルヘルス研究科	Tropical medicine and health	Clinical characteristics and outcomes of paediatric acute lymphoblastic leukaemia in a tertiary hospital in Tanzania: a single-centre observational study
平坂　勝也	海洋未来イノベーション機構	International Journal of Biological Macromolecules	Valorization of agar extracted from Gelidium elegans via ultrasound-assisted extraction as potential film packaging by optimizing the incorporation of chitosan and curcumin
吉澤　研介	教育学部（研究科）	Journal of Differential Equations	Classification and stability of penalized pinned elasticae
北村　拓也	総合生産科学研究科（工学系）	Journal of Fluid Mechanics	On the normalised energy dissipation rate in homogeneous isotropic turbulence
髙橋　孝輔	医歯薬学総合研究科（医学系）	Digestive Endoscopy	How often does a mixed type intraductal papillary mucinous neoplasm on imaging indicate pathological involvement of the main pancreatic duct?
玉熊　佑紀	放射線総合センター	Radiation Physics and Chemistry	Monte Carlo simulation to optimize measurement geometry of continuous air monitor with Si semiconductor detector
梅田　雅孝	病院	Arthritis & Rheumatology	Hypoxia Promotes the Expression of ADAM9 by Tubular Epithelial Cells, Which Enhances Transforming Growth Factor β1 Activation and Promotes Tissue Fibrosis in Patients With Lupus Nephritis
梅田　雅孝	病院	Arthritis & Rheumatology	ADAM9 Promotes Glycolysis in Th17 Cells and Autoimmunity Through Activation of IGF-1 Signaling
岸川　直哉	医歯薬学総合研究科（薬学系）	Antioxidants	Application of Ferric–Graphene Quantum Dot Complex for Evaluation and Imaging of Antioxidants in Foods Based on Fluorescence Turn-Off–On Strategy
中川　啓	総合生産科学研究科（環境科学系）	Journal of Hydrology	Deep groundwater in the Kumamoto area affected by nitrate nitrogen with source origin by sterols
遠藤　彰	熱帯医学・グローバルヘルス研究科	BMC Medicine	Evaluating the Effectiveness of International Travel Controls to Identify MPXV-Infected Travelers: a simulation study
大塚　瑞奈	医歯薬学総合研究科（医学系）	American Journal of Hematology	Exploring the Clinical Diversity of Castleman Disease and TAFRO Syndrome: A Japanese Multicenter Study on Lymph Node Distribution Patterns
リナ　マダニヤズ	熱帯医学・グローバルヘルス研究科	Environment International	Projected compound effects of population aging and climate warming on emergency ambulance demand in Japan
韓　程燕	総合生産科学研究科（水産学系）	Aquaculture	Effects of ammonia on the survival, life cycle, reproduction, and egg viability of the minute rotifer Proales similis

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氏名	所属	論文掲載誌	論文タイトル
稲岡　健ダニエル	熱帯医学研究所	Communications Biology	Development of tolerance to bedaquiline by overexpression of trypanosomal acetate: succinate CoA transferase in Mycobacterium smegmatis
ブアバー　サンドリン	総合生産科学研究科（工学系）	Water Research X	Real-time detection of 3–8-μm microbial particles in sand filter effluent as a surrogate indicator of Cryptosporidium parvum oocysts
賀来　敬仁	医歯薬学総合研究科（医学系）	Emerging Microbes & Infections	Long-term impact of molecular epidemiology shifts of methicillin-resistant Staphylococcus aureus on severity and mortality of bloodstream infection
ラミ　クリス	医歯薬学総合研究科（医学系）	Respirology	Enhancing Interstitial Lung Disease Diagnoses Through Multimodal AI Integration of Histopathological and CT Image Data
バルアラガル　ヴェンマティマラン	海洋未来イノベーション機構	Macromol	A Review of Marine Algae as a Sustainable Source of Antiviral and Anticancer Compounds
松島　肇	病院	Liver Transplantation	Predictive value of controlled attenuation parameter in living liver donors for graft outcomes in corresponding recipients
中山　智喜	総合生産科学研究科（環境科学系）	Journal of Environmental Management	Performance valuation of a newly developed portable FAIMS instrument for atmospheric trace gas detection
李　桃生	原爆後障害医療研究所	Reproductive Medicine and Biology	The effect of ionizing radiation on testicular interstitial stromal cells
日宇　健	医歯薬学総合研究科（医学系）	Pharmaceutics	Targeted Delivery of VEGF-siRNA to Glioblastoma Using Orientation-Controlled Anti-PD-L1 Antibody-Modified Lipid Nanoparticles
西田　孝洋	医歯薬学総合研究科（薬学系）	Pharmaceutics	Development and Antitumor Evaluation of Doxorubicin-Loaded Two-Layered Sheets for Local Chemotherapy via Direct Drug Application to the Tumor Surface
町田 祥	病院	Investigative Ophthalmology and Visual Science	Glucagon-Like Peptide 1 Receptor Agonist Stimulation Inhibits Laser-Induced Choroidal Neovascularization by Suppressing Intraocular Inflammation
大貝　猛	総合生産科学研究科（工学系）	Journal of Materials Research and Technology	Enhancement of coercivity in cobalt nanowire arrays electrodeposited from aqueous solutions containing citric acid
小池　玄文	病院	European Radiology	Predictive factors of early mortality in patients with type A aortic dissection: association between pulmonary artery adventitial hematoma and type A aortic dissection.
齊藤　信夫	熱帯医学研究所	One Health	LFD implementation uncovers hidden rabies burden: Pre- and post-implementation analysis and comparison with non-implementation sites in the Philippines
李　桃生	原爆後障害医療研究所	Journal of Physiology and Biochemistry	Elevated hydrostatic pressure dysregulates lipid metabolism of hepatocytes
大貝　猛	総合生産科学研究科（工学系）	Journal of Alloys and Compounds	Mechanical properties of Cu-Ni alloy thick films electrodeposited from aqueous solution containing pyrophosphate as a complexing agent
村田　良介	海洋未来イノベーション機構	Biological Research	Relationship between seawater temperature, brain GnRH-like peptide expression, and gonadal development in wild bigfin reef squid (Sepioteuthis lessoniana)
中島　誉也	病院	Critical Care Medicine	Phenotypes of Functional Decline or Recovery in Sepsis ICU Survivors: Insights From a 1-Year Follow-Up Multicenter Cohort Analysis
瓜田　幸幾	総合生産科学研究科（工学系）	Carbon	Enhanced O2 selectivity of carbon molecular sieves by electrochemical oxidation for air separation
高園　貴弘	医歯薬学総合研究科（医学系）	Infectious Diseases and Therapy	Effects of Broad-Spectrum Antimicrobials on Patients with Community-Acquired Pneumonia with Low Risk for Drug-Resistant Pathogens: Historical Cohort Study in Japan
藤岡　貴浩	総合生産科学研究科（工学系）	Separation and Purification Technology	Micro-nanobubbles for removing membrane foulants from the surface of nanofiltration membranes in drinking water applications
下木原　俊	医歯薬学総合研究科（保健学科）	Frontiers in Digital Health	Mapping cognitive diversity in older adults through community-based digital screening via mobile devices: a cross-sectional latent class analysis
山口　敦子	総合生産科学研究科（水産学系）	Journal of Sea Research	Potential application of otolith Sr:Ca ratios as indicators of brown-algae feeding histories in herbivorous fishes
松本　桂太郎	医歯薬学総合研究科（医学系）	Biofabrication	Bio-3D printing with smooth muscle cells derived from human iPSCs via neural crest and its application for the tracheal regeneration
吉川　禄助	熱帯医学研究所	PLoS Neglected Tropical Diseases	Crimean-Congo hemorrhagic fever virus NSm protein inhibits the type I interferon signaling by binding to STAT2
Sarunporn Tandhavanant	熱帯医学研究所	PLoS Neglected Tropical Diseases	Genetic variation of hemolysin co-regulated protein 1 affects the immunogenicity and pathogenicity of Burkholderia pseudomallei
Gregory N. Nishihara	海洋未来イノベーション機構	Journal of Applied Phycology	Interactive effects of CO2 concentration and temperature on photosynthesis and growth of cultivated Ulva prolifera germling clusters
原　勇紀	医歯薬学総合研究科（医学系）	Breast Cancer	Macroscopic morphology of breast carcinoma: associations with biological subtypes and pathological features
松下　祐樹	医歯薬学総合研究科（歯学系）	Journal of Bone and Mineral Research	Early determination of the dorsal-ventral axis in endochondral ossification in mice
谷口　寛和	病院	Lung Cancer	Pemetrexed plus platinum as second-line treatment for patients with pleural mesothelioma treated with nivolumab plus ipilimumab
荒木　智徳	病院	Scientific Reports	Relationship between neutropenia caused by nanoliposomal irinotecan/fluorouracil/leucovorin and treatment outcomes in the NAPOLEON-2 study (NN-2301)
ダオ　ティゴックアン	総合生産科学研究科（工学系）	Scientific Reports	Insights into the formation of Au@Pt dendritic core–shell nanoparticles with the aid of ultrasonication
武田　和明	病院	Scientific Reports	Multicentre retrospective observational study for development and validation of MAC prognostic score model
星　友矩	熱帯医学研究所	Scientific Reports	Ecological overview of hard ticks (Ixodida: Ixodidae) in Nagasaki prefecture of western Japan during winter 2021–2022
佐藤　克也	医歯薬学総合研究科（保健学科）	Scientific Reports	A noninvasive test for human prion disease using hair roots and scalp

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氏名	所属	論文掲載誌	論文タイトル
中村　恭菜	医歯薬学総合研究科（医学系）	Scientific Reports	α7 nicotinic acetylcholine receptor agonist attenuates lipopolysaccharide-induced acute kidney injury in mice by reducing CCL2 expression in macrophages
島田　翔	熱帯医学研究所	Scientific Reports	Characterization of Mycobacterium antarcticum sp. nov., a psychrotolerant member of the genus Mycobacterium isolated from Antarctic soil
深堀　範	病院	Scientific Reports	Elevated plasma level of PAI-1 is associated with severe COVID-19
川元　康嗣	病院	Scientific Reports	Evaluation of automated streaking patterns in urine culture for clinical workflow optimization
山本　耕介	医歯薬学総合研究科（薬学系）	Advanced Synthesis & Catalysis	TfOH-Mediated Iodocarbocyclization of Alkenyl Sulfonamides with Iodoarenes
小野寺　玄	総合生産科学研究科（工学系）	Advanced Synthesis & Catalysis	Gold-Catalyzed Conia-Ene Reaction of Malonate Derivatives Bearing An Alkyne Moiety by Using a Phosphine–Borane Ligand
福井　翔一	病院	RMD Open	Distinct clinical outcomes based on multiple serum cytokine and chemokine profiles rather than autoantibody profiles and ultrasound findings in rheumatoid arthritis: a prospective ultrasound cohort study
佐々木　龍	病院	Liver International	Efficacy and Safety of Atezolizumab Plus Bevacizumab for Patients With Hepatocellular Carcinoma and Child–Pugh Class B
浦田　秀造	高度感染症研究センター	Antiviral Research	Mode of antiviral action of the galactose-specific lectin, AJLec, on the Junin virus propagation
平野　裕子	医歯薬学総合研究科（保健学科）	Frontiers in Psychology	Factors associated with the mask-wearing behavior of university students in Japan: a cross-sectional study of the post-mask-mandate period
西田　孝洋	医歯薬学総合研究科（薬学系）	RSC Pharmaceutics	Predicting absorption of compounds from an in vivo liver surface based on molecular weight or in vitro release using a dialysis membrane in combination with lipophilicity
吉澤　研介	教育学部（研究科）	Journal of the London Mathematical Society. Second Series	Variational stabilization of degenerate p-elasticae
Lamiaa Yaser Helmy Mohamed	医歯薬学総合研究科（医学系）	Frontiers Immunology	Morphological and quantitative CT features of anterior mediastinal lesions in TAFRO syndrome and idiopathic multicentric Castleman disease
遠藤　友志郎	医歯薬学総合研究科（医学系）	Frontiers in Immunology	Mediterranean fever gene variants may prevent the development of lupus nephritis in Japanese patients with systemic lupus erythematosus
藤田　優子	医歯薬学総合研究科（歯学系）	Nutrients	Speed eating is associated with poor mental health among adolescents and young adults: a cross-sectional study
大嶺　聖	総合生産科学研究科（工学系）	Sustainable Materials and Technologies	Immobilization of microorganisms using carbon carriers – Promoting the reduction of Cr (VI) in the cement leachate
重橋　周	医歯薬学総合研究科（医学系）	Gastric Cancer	Prognostic and predictive factors for the efficacy and safety of trastuzumab deruxtecan in HER2-positive gastric or gastroesophageal junction cancer
森　亮一	原爆後障害医療研究所	EMBO Reports	Novel integrated multiomics analysis reveals a key role for integrin beta-like 1 in wound scarring
福井　翔一	病院	Journal of Autoimmunity	Treatment outcomes stratified by interferon profile and autoantibodies in rheumatoid arthritis
グアン　チャイユー	総合生産科学研究科（工学系）	IEEE Transactions on Antennas and Propagation	Compact Crossed-Dipole Antenna Design With Wide Axial Ratio Bandwidth and Unidirectional Gain for 5G Sub-6 GHz Applications
松永　妃都美	原爆後障害医療研究所	Progress in Disaster Science	Bipolarization in the acceptance of reusing contaminated soil generated by the Fukushima Daiichi Nuclear Power Station accident of 2011
松永　妃都美	原爆後障害医療研究所	Progress in Disaster Science	Migration behaviors and place-based recovery after the Fukushima disaster: A comparative study of current residents, regular visitors, and non-visitors
佛坂　由可	病院	Angle Orthodontist	Importance of the early phase of orthodontic force application in the induction of root resorption
田中　貴子	医歯薬学総合研究科（保健学科）	Healthcare	Effectiveness of Physical and Therapy Interventions for Non-ICU Hospitalized Pneumonia Patients: A Systematic Review of Randomized Controlled Trials
北村　峰昭	病院	Renal Failure	Pre-dialysis medical social worker support and survival in patients with kidney failure: impact on unplanned dialysis, hospitalization, and prognosis
近藤　英明	病院	Journal of Physiological Anthropology	Loneliness, insomnia symptoms, social jetlag, and vitamin D deficiency in relation to mental health problems in Japanese female university students: a cross-sectional study
瓜田　幸幾	総合生産科学研究科（工学系）	Applied Surface Science	Tuning carbon black surface morphology via controlled thermal treatment atmosphere
井山　慶大	病院	Frontiers in Medicine	A novel training program for enhancing paramedics' electrocardiogram interpretation skills: pre–post-evaluation
麓　伸太郎	医歯薬学総合研究科（薬学系）	European Journal of Pharmaceutics and Biopharmaceutics	One-step formation of plasmid DNA–loaded lipid–inorganic salt nanoparticles optimized via two-step design of experiments
中川　啓	総合生産科学研究科（環境科学系）	Heliyon	Integrated assessment and classification of inland water chemistry in New Zealand
古賀　智裕	病院	Rheumatology (Oxford)	M694I variant of MEFV drives pathogenesis of familial Mediterranean fever through enhanced Th17 cell differentiation
小池　雄太	病院	Allergology International	Dysbiosis of the human skin mycobiome in patients receiving systemic IL-23 inhibitors
原口　雅史	医歯薬学総合研究科（医学系）	Cell Reports	Transmission of maternal oral pathobionts to the infant gut predisposes offspring to exacerbated enteritis

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氏名	所属	論文掲載誌	論文タイトル
日吉　大貴	熱帯医学研究所	Microbial Genomics	Genomic and pathogenicity analyses to identify the causative agent from multiple serogroups of non-O1, non-O139 Vibrio cholerae in foodborne outbreaks
小佐井　康介	医歯薬学総合研究科（薬学系）	Frontiers in Cellular and Infection Microbiology	Direct detection of Gram-negative bacilli and extended-spectrum β-lactamase producers in positive blood culture specimens using MALDI-TOF MS
山口　敦子	総合生産科学研究科（水産学系）	Estuarine, Coastal and Shelf Science	Growth and year-class dynamics of the Japanese silver pomfret Pampus punctatissimus: Correlation between salinity and recruitment
バンカタラ-マン シバサンカ	総合生産科学研究科（工学系）	Reactive and Functional Polymers	Modified polystyrene waste in the adsorptive removal of crystal violet and Cu (II) ion from aqueous medium – Groundwater applicability, modelling and characterization studies
白川　誠司	総合生産科学研究科（環境科学系）	Journal of Organic Chemistry	Enantio- and Diastereoselective Synthesis of Tricyclic Lactones Bearing Three Quaternary Stereocenters
真木　俊英	研究開発推進機構	The Journal of Organic Chemistry	Oxygen-Independent Activatable Photosensitizers Based on the Control of Intersystem Crossing with a Tetrad-BODIPY Scaffold
松尾　友紀	医歯薬学総合研究科（歯学系）	International Journal of Molecular Sciences	An Osteoblast-Specific Enhancer and Subenhancer Cooperatively Regulate Runx2 Expression in Chondrocytes
尾立　哲郎	医歯薬学総合研究科（歯学系）	International Journal of Molecular Sciences	Ferroptosis Inhibition Enhances Osteoblast Activity: The Role of Liproxstatin-1 and Coenzyme Q10
嶋村　美加	パンデミック総合研究センター	International Journal of Molecular Sciences	Challenges and Revisions in Diagnostic Criteria: Advancing Early Detection of Prion Diseases
毛利　浩太	医歯薬学総合研究科（薬学系）	ACS Applied Materials & Interfaces	Positron Emission Tomography-Based Pharmacokinetics of mRNA–Lipid Nanoparticles: A Study Quantifying the ApoE and Macrophage Contribution
日吉　大貴	熱帯医学研究所	mBio	African Salmonella enterica serovar Typhimurium ST313 isolates prevent reactive oxygen species production by human neutrophils via elevated PgtE expression
東家 亮	医歯薬学総合研究科（医学系）	Radiation Oncology	Craniocaudal spread patterns of retropharyngeal lymph node metastasis in patients with hypopharyngeal carcinoma
重橋　周	医歯薬学総合研究科（医学系）	JCO Precision Oncology	Prognostic Indicators of Preoperative Fluorouracil, Leucovorin, Oxaliplatin, and Docetaxel Efficacy in Locally Advanced Gastroesophageal and Gastric Cancer: Integrating Biomarker Analysis and Clinicopathological Factors
スー　ミャット　ハン	熱帯医学・グローバルヘルス研究科	Influenza and Other Respiratory Viruses	Phylogenetic Study of Local Patterns Influenza A(H3N2) Virus Transmission in a Semi-Isolated Population in a Remote Island in Japan Between 2011 and 2013