

令和2年度新潟大学優秀論文表彰 対象者一覧

所属部局	職名	氏名	DOI	論文標題	学術誌名
自然科学系 (工学部)	准教授	Selvan Bellan	10.1016/j.ces.2018.10.111	Thermal performance of a 30 kW fluidized bed reactor for solar gasification: A CFD-DEM study	CHEMICAL ENGINEERING JOURNAL
			10.1016/j.ces.2018.09.012	Heat transfer and particulate flow analysis of a 30 kW directly irradiated solar fluidized bed reactor for thermochemical cycling	CHEMICAL ENGINEERING SCIENCE
自然科学系 (工学部)	教授	八木 政行	10.1016/j.energy.2019.02.072	Facile fabrication and nanostructure control of mesoporous iridium oxide films for efficient electrocatalytic water oxidation	ENERGY
			10.1021/acs.inorgchem.9b01623	Critical Hammett Electron-Donating Ability of Substituent Groups for Efficient Water Oxidation Catalysis by Mononuclear Ruthenium Aquo	INORGANIC CHEMISTRY
			10.1021/acs.suschemeng.9b04467	Characterization and Mechanism of Efficient Visible-Light-Driven Water Oxidation on an in Situ N-2-Intercalated WO ₃ Nanorod Photoanode	ACS SUSTAINABLE CHEMISTRY & ENGINEERING
			10.1039/c9se00731h	Facile and sustainable fabrication of transparent mesoporous IrO _x films formed by nanoparticle assembly for efficient electrocatalytic water oxidation	SUSTAINABLE ENERGY & FUELS
自然科学系 (工学部)	准教授	郷右近 展之	10.1016/j.energy.2018.10.036	Development of a 5kW(th) internally circulating fluidized bed reactor containing quartz sand for continuously-fed coal-coke gasification and a beam-down solar concentrating system	ENERGY
			10.1016/j.energy.2019.01.081	Thermochemical behavior of perovskite oxides based on La _x Sr _{1-x} (Mn, Fe, Co)O _{3-δ} and Ba _y Sr _(1-y) CoO _(3-δ) redox system for thermochemical energy storage at high temperatures	ENERGY
医歯学系(保)	講師	奥田 明子	10.1021/acs.biomac.8b01299	Oligoarginine-Bearing Tandem Repeat Penetration-Accelerating Sequence Delivers Protein to Cytosol via Caveolae-Mediated Endocytosis	BIOMACROMOLECULES
自然科学系 (工学部)	特任准教授	Zaki N. Zahran	10.1002/cssc.201802795	Recent Advances in the Development of Molecular Catalyst-Based Anodes for Water Oxidation toward Artificial	CHEMSUSCHEM
大学院医歯学総合 研究科(医)	特任教授	丸山 弘樹	10.1038/gim.2018.31	Effectiveness of plasma lyso-Gb3 as a biomarker for selecting high-risk patients with Fabry disease from multispecialty clinics for genetic analysis	GENETICS IN MEDICINE
自然科学系 (理学部)	准教授	劉 雪峰	10.1137/18M	GUARANTEED EIGENVALUE BOUNDS FOR THE STEKLOV EIGENVALUE PROBLEM	SIAM JOURNAL ON NUMERICAL

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医歯学系（医）	教授	神吉 智丈	10.3389/fpls.2019.01479	Regulatory Mechanisms of Mitochondrial Autophagy: Lessons From Yeast	FRONTIERS IN PLANT SCIENCE
			10.1167/iovs.19-27184	Glaucoma-Associated Mutations in the Optineurin Gene Have Limited Impact on Parkin-Dependent Mitophagy	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE
医歯学系（医）	特任助教	古川 健太郎	10.3389/fpls.2019.01479	Regulatory Mechanisms of Mitochondrial Autophagy: Lessons From Yeast	FRONTIERS IN PLANT SCIENCE
医歯学総合病院 皮膚科	助教	濱 菜摘	10.1016/j.jaip.2019.05.002	Galectin-7 as a potential biomarker of Stevens-Johnson syndrome/toxic epidermal necrolysis: identification by targeted proteomics using causative drug-exposed peripheral blood cells	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY -IN PRACTICE
自然科学系 （工学部）	准教授	戸田 健司	10.1016/j.jallcom.2019.02.295	Mild condition synthesis without high temperature process of Eu ²⁺ -doped barium orthosilicate nanophosphor via Water-Assisted Solid-State Reaction (WASSR) method	JOURNAL OF ALLOYS AND COMPOUNDS
			10.1016/j.jallcom.2019.05.155	Blue-light-pumped wide-band red emission in a new Ce ³⁺ -activated oxide phosphor, BaCa ₂ Y ₆ O ₁₂ :Ce ³⁺ : Melt synthesis and photoluminescence study based on crystallographic analyses	JOURNAL OF ALLOYS AND COMPOUNDS
災害・復興科学研究 所	教授	片岡 香子	10.1111/sed.12629	From sink to volcanic source: Unravelling missing terrestrial eruption records by characterization and high-resolution chronology of lacustrine volcanic density flow deposits, Lake Inawashiro-ko, Fukushima, Japan	SEDIMENTOLOGY
医歯学系（医）	助教	小林 大樹	10.1074/mcp.RA118.001014	Identification of a Specific Translational Machinery via TCTP-EF1A2 Interaction Regulating NF1-associated Tumor Growth by Affinity Purification and Data-independent Mass Spectrometry Acquisition (AP-DIA)	MOLECULAR & CELLULAR PROTEOMICS
自然科学系 （工学部）	教授	馬場 暁	10.1021/acsa	Fabrication of Miniature Surface Plasmon Resonance Sensor Chips by Using Confined Sessile Drop Technique	ACS APPLIED MATERIALS & INTERFACES
自然科学系 （理学部）	教授	西川 周一	10.1093/pcp/pcz148	Development of a Heat-Inducible Gene Expression System Using Female Gametophytes of Arabidopsis thaliana	PLANT AND CELL PHYSIOLOGY

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大学院医歯学総合研究科（医）	特任准教授	藤原 和哉	10.1016/j.metabol.2019.153991	Risk of coronary artery disease according to glucose abnormality status and prior coronary artery disease in Japanese men	METABOLISM-CLINICAL AND EXPERIMENTAL
			10.1210/jc.2019-00168	Relationship Between Number of Multiple Risk Factors and Coronary Artery Disease Risk With and Without Diabetes Mellitus	JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM
			10.1167/iovs.19-26749	Overt Proteinuria, Moderately Reduced eGFR and Their Combination Are Predictive of Severe Diabetic Retinopathy or Diabetic Macular Edema in Diabetes	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE
			10.1161/JAHA.118.010627	Pulse Pressure is a Stronger Predictor Than Systolic Blood Pressure for Severe Eye Diseases in Diabetes Mellitus	JOURNAL OF THE AMERICAN HEART
大学院医歯学総合研究科（医）	特任助教	北澤 勝	10.1016/j.metabol.2019.153991	Risk of coronary artery disease according to glucose abnormality status and prior coronary artery disease in Japanese men	METABOLISM-CLINICAL AND EXPERIMENTAL
医歯学系齶蝕学分野	准教授	竹中 彰治	10.1016/j.joen.2019.06.004	A Horizontal Sequential Cutting Method to Estimate the Effectiveness of Dentin Disinfection by Using Confocal Laser Scanning Microscopy	JOURNAL OF ENDODONTICS
自然科学系（理学部）	教授	浅賀 岳彦	10.1007/JHEP	Resonant leptogenesis at TeV-scale and neutrinoless double beta decay	JOURNAL OF HIGH ENERGY PHYSICS
大学院医歯学総合研究科（医）	特任准教授	若杉 三奈子	10.1093/ndt/gfy253	Functional impairment attenuates the association between high serum phosphate and mortality in dialysis patients: a nationwide cohort study	NEPHROLOGY DIALYSIS TRANSPLANTATION
研究推進機構超域学術院	助教	凌 一葦	10.1016/j.csbj.2019.07.011	The Human Gut Microbiome is Structured to Optimize Molecular Interaction Networks	COMPUTATIONAL AND STRUCTURAL BIOTECHNOLOGY JOURNAL
医歯学系（医）	助教	山下 俊一	10.1167/iovs.19-27184	Glaucoma-Associated Mutations in the Optineurin Gene Have Limited Impact on Parkin-Dependent Mitophagy	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE
医歯学系（医）	特任助教	井上 敬一	10.1167/iovs.19-27184	Glaucoma-Associated Mutations in the Optineurin Gene Have Limited Impact on Parkin-Dependent Mitophagy	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE

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日本酒学センター	特任助教	山本 正彦	10.1167/iovs.19-26749	Overt Proteinuria, Moderately Reduced eGFR and Their Combination Are Predictive of Severe Diabetic Retinopathy or Diabetic Macular Edema in Diabetes	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE
			10.1161/JAHA.118.010627	Pulse Pressure is a Stronger Predictor Than Systolic Blood Pressure for Severe Eye Diseases in Diabetes Mellitus	JOURNAL OF THE AMERICAN HEART
脳研究所	助教	須貝 章弘	10.1016/j.nbd.2019.104534	Non-genetically modified models exhibit TARDBP mRNA increase due to perturbed TDP-43 autoregulation	NEUROBIOLOGY OF DISEASE
大学院医歯学総合研究科 (医)	特任准教授	細島 康宏	10.3390/nu11122919	Rice Endosperm Protein Administration to Juvenile Mice Regulates Gut Microbiota and Suppresses the Development of High-Fat Diet-Induced Obesity and Related Disorders in	NUTRIENTS
医歯学総合病院 総合周産期母子医療センター(産科 婦人科)	助教	石黒 竜也	10.1016/j.stemcr.2019.08.015	ALDH-Dependent Glycolytic Activation Mediates Stemness and Paclitaxel Resistance in Patient-Derived Spheroid Models of Uterine Endometrial Cancer	STEM CELL REPORTS
医歯学系 (医)	教授	五十嵐 道弘	10.1186/s13041-019-0510-z	Phosphorylation sites of microtubule-associated protein 1B (MAP 1B) are involved in axon growth and	MOLECULAR BRAIN
			10.1186/s13041-019-0476-x	Evolutionary analysis of proline-directed phosphorylation sites in the mammalian growth cone identified using phosphoproteomics	MOLECULAR BRAIN
医歯学総合病院 呼吸器・感染症内科	講師	渡部 聡	10.1016/j.lungcan.2019.01.005	Necitumumab plus gemcitabine and cisplatin versus gemcitabine and cisplatin alone as first-line treatment for stage IV squamous non-small cell lung cancer: A phase Ib and randomized, open-label, multicenter, phase 2 trial in	LUNG CANCER
大学院医歯学総合研究科 (医)	特任助教	吉田 陽子	10.1038/s41598-019-40325-y	Peptide vaccine for semaphorin3E ameliorates systemic glucose intolerance in mice with dietary obesity	SCIENTIFIC REPORTS
医歯学系 小児歯科学分野	准教授	齊藤 一誠	10.1038/s41598-018-37291-2	Repeated human deciduous tooth-derived dental pulp cell reprogramming factor transfection yields multipotent intermediate cells with enhanced iPS cell formation capability	SCIENTIFIC REPORTS
医歯学系摂食嚥下リハビリテーション学分野	教授	井上 誠	10.1038/s41598-019-42422-4	Effect of attention on chewing and swallowing behaviors in healthy humans	SCIENTIFIC REPORTS
自然科学系 (工学部)	准教授	三俣 哲	10.3390/ijms20122879	Chain Structure in a Cross-Linked Polyurethane Magnetic Elastomer Under a Magnetic Field	INTERNATIONAL JOURNAL OF MOLECULAR
医歯学系 (医)	特任助教	矢野 佳芳	10.3390/ijms20051010	An RNA Switch of a Large Exon of Ninein Is Regulated by the Neural Stem Cell Specific-RNA Binding Protein, Qki5	INTERNATIONAL JOURNAL OF MOLECULAR