

学術番号	所属 研究室	発表日	発表の時間	論文タイトル (書籍の場合は章の番号とタイトル)	著者	雑誌名、書籍	号数 (volume)	ページ	論文の 発表年	doi
2022041041	松本	2025/10/29	13:25-13:50	Optimal state estimation for cavity optomechanical systems	Witlief Wicczorek,et al.	<i>PHYSICAL REVIEW LETTERS</i>				
2022041008	町田	2025/10/29	13:50-14:15	Heat Transport as a Probe of Electron Scattering by Spin Fluctuations : The Case of Antiferromagnetic CeRhIn ₅	Johnpierre Paglione et al.	<i>Physical Review Letters</i>	94	216602	2005	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.94.216602
2022041009	町田	2025/10/29	14:15-14:40	Anomalous Hall effect from inter-superlattice scattering in a noncollinear antiferromagnet	Lilia S. Xie, et al.	<i>Nature Communications</i>	16	5711	2025	https://doi.org/10.1038/s41467-025-61211-4
2022041040	田中	2025/10/29	14:50-15:15	Fano-resonant asymmetric metamaterials for ultrasensitive spectroscopy and identification of molecular monolayers	Chihhui Wu ,et al.	<i>Nature Materials</i>	11	69-75	2011	DOI: 10.1038/nmat3161
2022041004	西坂	2025/10/29	15:15-15:40	Tug-of-war as a cooperative mechanism for bidirectional cargo transport by molecular motors	Melanie J.I. Muller , Stefan Klumpp , and Reinhard Lipowsky	<i>PNAS</i>	105	4609-4614	2008	10.1073/pnas.0706825105
2022041002	平野	2025/10/29	15:40-16:05	Real-time demonstration of high bitrate quantum random number generation with coherent laser light	T. Symul; S. M. Assad; P. K. Lam	<i>Applied Physics Letters</i>	98	231103	2011	10.1063/1.3597793
2022041014	平野	2025/10/29	16:05-16:30	Microsatellite-based real-time quantum key distribution	Yang Li, et al.	<i>Nature</i>	640	47-54	2025	https://doi.org/10.1038/s41586-025-08739-z
2022041001	理論	2025/11/5	13:20-13:45	Theoretical aspects of superconductivity in very high magnetic fields						
2021041002	理論	2025/11/05	13:45-14:10	Minimal model for stem-cell differentiation	Yusuke Goto, Kunihiko Kaneko	<i>Physical Review E</i>	88	32718	2013	10.1103/PhysRevE.88.032718
2022041010	町田	2025/11/5	14:10-14:35	Thermal conductivity measurement under hydrostatic pressure using the 3v method	C. W. Chub et al.	<i>SCIENTIFIC INSTRUMENTS</i>	75	4578-4585	2004	DOI: 10.1063/1.1805771
2022041031	松本	2025/11/05	14:35-15:00	Ultra-low-loss tapered optical fibers with minimal lengths	Ryutaro Nagai, Takao Aoki	<i>Optics Express</i>	22	28427-28436	2014	https://doi.org/10.1364/OE.22.028427
2022041022	平野	2025/11/5	15:10-15:35	Long-Distance Continuous-Variable Quantum Key Distribution over 202.81 km of Fiber	Yichen Zhang, et al.	<i>Physical Review Letters</i>	125	10502	2020	https://doi.org/10.1103/PhysRevLett.125.010502
2022041018	平野	2025/11/5	15:35-16:00	Continuous-variable quantum key distribution at 10 GBaud using an integrated photonic-electronic receiver	Adnan A. E. Hajomer, et al.	<i>Optica</i>	11	1197-1204	2024	https://doi.org/10.1364/OPTICA.530080
2022041026	渡邊	2025/11/5	16:00-16:25	From a Bouncing Compound Drop to a Double Emulsion	D.Terwagne,T.Gilet,N.Vandewalle,and S.Dorbolo	<i>Langmuir</i>	26	11680-11685	2010	10.1021/la101096q
2022041701	渡邊	2025/11/5	16:25-16:50	Microwave processing of regolith – a 1D-printing cavity for enabling lunar construction technology	Lucas Thiébaud,Aidan Cowley	<i>EUCASS</i>	917	13009	2019	10.13009/EUCASS2019-917
2022041020	西坂	2025/11/12	13:20-13:45	Large variability in the motility of spiroplasmas in media of different viscosities	J.F.Boudet , et al.	<i>SCIENTIFIC REPORTS</i>	8	17138	2018	DOI:10.1038/s41598-018-35326-2
2022041044	松本	2025/11/12	13:45-14:10	Quantum control of a nanoparticle optically levitated in cryogenic free space	Felix Tebbenjohanns,et al.	<i>Nature</i>	595	378-382	2021	https://doi.org/10.1038/s41586-021-03617-w
2022041021	町田	2025/11/12	14:10-14:35	Realization of nodal-ring semimetal in pressurized black phosphorus	Kazuto Akiba, et al.	<i>PHYSICAL REVIEW</i>	109	201103	2024	DOI: 10.1103/PhysRevB.109.L201103
2022041025	町田	2025/11/12	14:35-15:00	Annealing effects on transport and magnetic properties of perovskite- type Vanadium oxide	Akio Fukushima,et al	<i>Journal of physical society of Japan</i>	63	409-412	1994	
2022041035	平野	2025/11/12	15:10-15:35	Long-distance coherent quantum communications in deployed telecom networks	Mirko Pittaluga, et al.	<i>Nature</i>	640	911–917	2025	https://doi.org/10.1038/s41586-025-08801-w
2018041031	平野	2025/11/12	15:35-16:00	Independent-optical-frequency-comb-powered 546-km field test of twin-field quantum key distribution	Lai Zhou, et al.	<i>PHYSICAL REVIEW APPLIED</i>	22	64057	2024	https://doi.org/10.1103/PhysRevApplied.22.064057
2022041003	渡邊	2025/11/12	16:00-16:25	Surrogate Models for the Magnitude of Convection in Droplets Levitated through EML, ADL, and ESL Methods	Takuro USUI et al.	<i>IJMSA</i>	40	400302	2023	10.15011/jasma.40.400302
2022041033	渡邊	2025/11/12	16:25-16:50	Liquid metal actuation by electrical control of interfacial tension	Collin B. Eaker, Michael D. Dickey	<i>Applied Physics Reviews</i>	3	31103	2016	https://doi.org/10.1063/1.4959898
2022041027	理論	2025/11/19	13:20-13:45	Strong deflection of massive particles in spherically symmetric spacetimes	Fabiano Feleppa , Valerio Bozza , and Oleg Yu.	<i>Physical Review D</i>	111	44018	2025	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.111.044018
2022041029	理論	2025/11/19	13:45-14:10	Pattern Formation in Precipitation Reactions: The Liesegang Phenomenon	Hideki Nakata, Masaki Iatani, István Lagzi	<i>Langmuir</i>	36	481-497	2020	10.1021/acs.langmuir.9b03092
2022041034	理論	2025/11/19	14:10-14:35	Periapsis shifts in dark matter distribution around a black hole	Takahisa Igata,Tomohiro Harada, Hiromi	<i>Int. J. Mod. Phys. D</i>	32	2350105	2023	10.1142/S0218271823501055

2022041036	理論	2025/11/19	14:35-15:00	Non-Abelian statistics and topological quantum information processing in 1D wire networks	Jason Alicea,et al	<i>Nature</i>	7	412-417	2011	10.1038/NPHYS1915
2022041038	町田	2025/11/19	15:10-15:35	Magneto-Seebeck effect in bismuth	Felix Spathelf ,et al.	<i>PHYSICAL REVIEW</i>	105	235116	2022	DOI: 10.1103/PhysRevB.105.235116
2021041005	松本	2025/11/19	15:35-16:00	Charge-Induced Force Noise on Free-Falling Test Masses:Results from LISA Pathfinder	M. Armano et al.	<i>Phys. Rev. Lett.</i>	118	171101	2017	DOI:10.1103/PhysRevLett.118.171101
2022041037	渡邊	2025/11/19	16:00-16:25	Thermal conductivity model for powdered materials under vacuum based on experimental studies	N. Sakatani, et al.	<i>AIP ADVANCES</i>	7	15310	2017	doi:10.1063/1.4975153
2022041043	渡邊	2025/11/19	16:25-16:50	The dynamic interfacial oxygen potential between iron-carbon droplets and oxidizing slag	Kezhan GU,et al.	<i>TMS and ASM</i>	48	2595	2017	DOI: 10.1007/s11663-017-1000-2
2020041032	理論	2025/11/26	13:20-13:45	Persistent Entanglement in Arrays of Interacting Particles	H. J. Briegel and R. Raussendorf	<i>Phys. Rev. Lett.</i>	86	910	2001	10.1103/PhysRevLett.86.910
2022041006	理論	2025/11/26	13:45-14:10	Theoretical Base of the PUCK-Model with Application to Foreign Exchange Markets						
2021041004	理論	2025/11/26	14:10-14:35	The theory of relativity and cosmology	Fumitaka Sato	<i>SAIENSU - SHA Co.,Ltd.</i>				
2022041045	町田	2025/11/26	14:35-15:00	Magnetic anisotropy of CeCoSi under high magnetic field	T. Kanda,et al.	<i>PHYSICAL REVIEW</i>	109	174402	2024	DOI: 10.1103/PhysRevB.109.174402
2022041012	松本	2025/11/26	15:10-15:35	Sub-Femto-g Free Fall for Space-Based Gravitational Wave Observatories:LISA Pathfinder Results	M.Armano,H.Audley,G.Auger,J.T. Baird,M.Born,D.Bortoluzzi,N.Brandt <i>et al</i>	<i>PHYSICAL REVIEW LETTERS</i>	116	231101-1-9	2016	DOI: 10.1103/PhysRevLett.116.231101
2020041019	松本	2025/11/26	15:35-16:00	Measurements of temporal and spatial variation of surface potential using a torsion pendulum and a scanning conducting probe	Hang Yin, at al.	<i>PHYSICAL REVIEW D</i>	90	122001	2014	10.1103/PhysRevD.90.122001
2022041017	平野	2025/11/26	16:00-16:25	Broadband generation and tomography of non-Gaussian states for ultra-fast optical quantum processors	Akito Kawasaki, <i>et al.</i>	<i>Nature Communications</i>	15	9075	2024	https://doi.org/10.1038/s41467-024-53408-w
2019041023	平野	2025/11/26	16:25-16:50	100-Gbit/s Integrated Quantum Random Number Generator Based on Vacuum Fluctuations	Cedric Bruynsteen. et al.	<i>PRX Quantum</i>	4	11	2023	doi:10.1103/PRXQuantum.4.010330
2021041019	理論	2025/12/3	13:20-13:45	Optics in the Schwarzschild spacetime	Andrej Čadež* and Uroš Kostić	<i>Phys. Rev. D</i>	72	104024	2005	10.1103/PhysRevD.72.104024
2021041022	理論	2025/12/3	13:45-14:10	The theory of relativity and cosmology	Fumitaka Sato	<i>SAIENSU - SHA Co.,Ltd.</i>				
2021041030	理論	2025/12/3	14:10-14:35	Deterministic Nonperiodic Flow	Edward N Lorenz	<i>Massachusetts Institute of Technology</i>				
2022041019	松本	2025/12/3	14:35-15:00	Magnetic-Induced Force Noise in LISA Pathfinder Free-Falling Test Masses	M. Armano et al.	<i>Physical Review Letters</i>	134	71401	2025年	Magnetic-Induced Force Noise in LISA Pathfinder Free-Falling Test Masses
2020041040	西坂	2025/12/3	15:10-15:35	Refined Mechanism of Mycoplasma mobile Gliding Based on Structure, ATPase Activity, and Sialic Acid Binding of Machinery	Miyuki S. Nishikawa, et al.	<i>mBio</i>	10	2161-2129	2019	https://doi.org/10.1128/mbio.02846-19
2022041005	渡邊	2025/12/3	15:35-16:00	Hydroxylation and Hydrogen Diffusion in Lunar Samples: Spectral Measurements During Proton Irradiation	Li Hsia Yeo et al.	<i>Journal of Geophysical Research: Planets</i>	130	e2024JE008334	2025	10.1029/2024JE008334
2022041011	渡邊	2025/12/3	16:00-16:25	Spontaneous stratification in granular mixtures	Hernan A, et al.	<i>Nature</i>	386	379-382	1997	