学籍番号	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)	ﾍﾟｰｼﾞ	論文の発表年	doi
2023041009	平野	2026/10/21	13:20-13:45	Homodyne-based quantum random number generator at 2.9 Gbps secure against quantum side-information	Gehring, T et al.	*nature communications*	**12**	605	2021	doi.org/10.1038/s41467-020-20813-w
2023041013	理論	2026/10/21	13:45-14:10	Random matrix approach to cross correlations in financial data	Vasiliki Plerou et al.	*PHYSICAL REVIEW E*	**65**	66126	2002	DOI: 10.1103/PhysRevE.65.066126
2023041031	松本	2026/10/21	14:10-14:35	Q factor measurements on prototype fused quartz pendulum suspensions for use in gravitational wave detectors	S. Rowan. et,al	*Physics Letters A*	**233**	303-308	1997	doi: 10.1016/S0375-9601(97)00507-0
2023041003	松本	2026/10/21	14:35-15:00	Differential optical shadow sensor for sub-nanometer displacement measurement and its application to drag-free satellites	Andreas Zoellner et al.	*Optics EXPRESS*	**25**	25201-25211	2017	https://doi.org/10.1364/OE.25.025201
2023041005	西坂	2026/10/21	15:15-15:40	Coordination of gene expression with size enables Esherichia coli to efficiently maintain motility across conditions	Tomoya Honda et al.	*PNAS*	**119**	e2110342119	2022	https://doi.org/10.1073/pnas.2110342119
2022041013	西坂	2026/10/21	15:40-16:05	Mucin Promotes Bacterial Swarming by Making the Agar Surface More Slippery	Christopher Pawul	*Langmuir*	**52**	27307～27313	2024	https://doi.org/10.1021/acs.langmuir.4c03395
2023041047	渡邉	2026/10/21	16:05-16:30	Reduction of Ilmenite with Hydrogen	Y.Zhao , F.Shadman	*Industrial & Engineering Chemistry Research*	**30**	2080-2087	1991	doi:10.1021/ie00057a005
2023041055	渡邉	2026/10/21	16:30-16:55	Empirical chemical pseudopotential theory of molecular and metallic bonding	G. C. Abell	*Physical Review B*	**31**	6184-6196	1985	doi:10.1103/PhysRevB.31.6184
2023041041	渡邉	2026/10/28	13:20-13:45	Accuracy of Microwave Cavity Perturbation Measurements	Richard G. Carter	*IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*	**49**	918-923	2001	doi:10.1109/22.920149
2023041012	渡邉	2026/10/28	13:45-14:10	UV–Vis–NIR Reflectance Spectra of Ilmenite Mixtures: Implications for Estimation of TiO2 Content in Lunar Mare Regions	Moe Matsuokaaa and Satoru Yamamoto	*The Planetary Science Journal*	**7**	48	2026	https://doi.org/10.3847/PSJ/ae3746
2023041019	理論	2026/10/28	14:10-14:35	The precession of particle spin in spherical symmetric spacetimes	Xiankai Pang, Qingquan Jiang, Yunchuan Xiang, Gao-Ming Deng	*European Physical Journal C*	**85**	193-207	2025	doi:https://doi.org/10.1140/epjc/s10052-025-13894-8
2022041015	田中	2026/10/28	14:35-15:00	Controlling the Wet-Etch Directionality in Nanostructured Silicon	Zainul Aabdin et al.	*ACS Applied Electronic Materials*	**4**	5191～5198	2022	DOI： 10.1021/acsaelm.2c00824
2023041001	町田	2026/10/28	15:10-15:35	Giant quantum oscillations in thermal transport in low-density metals via electron absorption of phonons	Baptiste Bermond et al.	*PNAS*	**122**	e2408546122	2025	https://doi.org/10.1073/pnas.2408546122
2023041002	町田	2026/10/28	15:35-16:00	Observation of the Kondo screening cloud	Ivan V. Borzenets. et al.	*Nature*	**579**	210-213	2020	https://doi.org/10.1038/s41586-020-2058-6
2023041007	平野	2026/10/28	16:00-16:25	Source-Device-Independent Ultrafast Quantum Random Number Generation	Davide G. Marangon, Giuseppe Vallone, and Paolo Villoresi	*Phisical Review Letters*	**118**	21404312	2017	https://doi.org/10.1103/PhysRevLett.118.060503
2023041011	平野	2026/10/28	16:25-16:50	High-rate continuous-variable quantum key distribution over 100 km fiber with composable security	HENG WANG. et al.	*OPTICA*	**12**	1657-1667	2025	https://doi.org/10.1364/OPTICA.566359
2023041008	町田	2026/11/11	13:20-13:45	Measurement of phonon angular momentum	H. Zhang.et.all	*nature physics*	**21**	1387-1391	2025	doi: 10.1038/s41567-025-02952-3
2023041014	町田	2026/11/11	13:45-14:10	Insulating Behavior in the Quantum Limit State of Bi1−xSbx (x ~0.04) in the Vicinity of Semimetal–Semiconductor Transition	Yuma Yamaguchi et al.	*Journal of the Physical Society of Japan*	**94**	15267508	2025	DOI: 10.7566/JPSJ.94.043701
2023041015	西坂	2026/11/11	14:10-14:35	Structural insights into the mechanism of archaellar rotational switching	Florian Altegoer. et.al	*Nature Communications*	**13**	2857	2022	DOI: 10.1038/s41467-022-30358-9
2023041057	理論	2026/11/11	14:35-15:00	More on supercovariantly constant spinors	K. P. Tod	*Classical and Quantum Gravity*	**12**	1801-1820	1995	doi:10.1088/0264-9381/12/7/020
2023041017	平野	2026/11/11	15:10-15:35	Twin-field quantum key distribution with optical injection locking and phase encoding on-chip	Han Du. et al.	*Optica*	**11**	1385-1390	2024	https://doi.org/10.1364/optica.525743
2023041045	松本	2026/11/11	15:35-16:00	Power stabilization of a diode laser with an acousto-optic modulator	F. Tricot et al.	*Review of Scientific Instruments*	**89**	113112	2018	https://doi.org/10.1063/1.5046852
2023041040	渡邉	2026/11/11	16:00-16:25	Kramers-Kronig constrained variational analysis of optical spectra	A. B. Kuzmenko	*Review of Scientific Instruments*	**76**	83108	2005	doi:10.1063/1.1979470

2023041036	渡邉	2026/11/11	16:25-16:50	Aerodynamic levitation of laser-heated solids in gas jets	Paul C. Nordine and Robert M. Atkins	*Review of Scientific Instruments*	**53**	1456-1464	1982	doi:/10.1063/1.1137196
2023041037	平野	2026/11/18	13:20-13:45	Twin-field quantum key distribution over a 511 km optical fibre linking two distant metropolitan areas	Jiu-Peng Chen, et al.	*Nature Photonics*	**15**	570-575	2021	https://doi.org/10.1038/s41566-021-00828-5
2023041029	理論	2026/11/18	13:45-14:10	On the Interaction of Elementary Particles	Hideki Yukawa	*Proceedings of the Physico-Mathematical Society of Japan*	**17**	48-57	1935	https://doi.org/10.11429/ppmsj1919.17.0_48
2023041032	西坂	2026/11/18	14:10-14:35	Cilia-Like Beating of Active Microtubule Bundles	Timothy Sanchez, David Welch, Daniela Nicastro, Zvonimir Dogic	*Science*	**333**	456-459	2011	DOI: 10.1126/science.1203963
2023041048	西坂	2026/11/18	14:35-15:00	Quantitative nanoscale imaging of orientational order in biological filaments by polarized superresolution microscopy	Cesar Augusto Valades Cruz. et al.	*PNAS*	**113**	E820-E828	2016	https://doi.org/10.1073/pnas.1516811113
2023041016	町田	2026/11/18	15:10-15:35	Interwoven magnetic kagome metal overcomes geometric frustration	Erjian Cheng. *et al.*	*Nature Materials*	**25**	602–609	2026	DOI: 10.1038/s41563-025-02414-4
2023041023	渡邉	2026/11/18	15:35-16:00	NUMERICAL SIMULATION OF DUST AGGREGATE COLLISIONS. I. COMPRESSION AND DISRUPTION OF TWO-DIMENSIONAL AGGREGATES	Koji Wada. et,al	*The Astrophysical Journal*	**661**	320-333	2007	DOI 10.1086/514332
2023041024	松本	2026/11/18	16:00–16:25	Picometer sensitive prototype of the optical truss interferometer for LISA	Kylan Jersey et,al	*Classical and Quantum Gravity*	**42**	35008	2025	DOI 10.1088/1361-6382/ad9f13
2023041026	松本	2026/11/18	16:25-16:50	Continuous gravitational waves in the lab: recovering audio signals with a table-top optical microphon	James W. Gardner et.al	*American Journal of Physics*	**90**	286-296	2022	https://doi.org/10.1119/10.0009409
2023041030	町田	2026/11/25	13:20-13:45	The dominant role of critical valence fluctuations on high Tc superconductivity in heavy fermions	Gernot W. Scheerer et al.	*npj Quantum Materials*	**3**	41	2018	doi: 10.1038/s41535-018-0111-6
2023041042	理論	2026/11/25	13:45-14:10	Evaluating large language models for accuracy incentivizes hallucinations	Adam Tauman Kalai , et al.	*Nature*	**653**	1047-1051	2026	https://doi.org/10.1038/s41586-026-10549-w
2023041044	理論	2026/11/25	14:10-14:35	Spherical Photon Orbits around a Kerr Black Hole	Edward Teo	*General Relativity and Gravitation*	**35**	1909–1926	2003	DOI: 10.1023/A:1026286607562
2023041046	理論	2026/11/25	14:35-15:00	Scalar waves in a wormhole geometry	Sayan Kar, Deshdeep Sahdevt,Biplab Bhawal	*Physical Review D*	**49**	853-861	1994	https://doi.org/10.1103/PhysRevD.49.853
2023041033	松本	2026/11/25	15:10-15:35	Calibration of atomic-force microscope tips	Jeffrey L. Hutter;John Bechhoefer	*Review of Scientific Instruments*	**64**	1868-1873	1993	https://doi.org/10.1063/1.1143970
2022041016	松本	2026/11/25	15:35-16:00	Electronic Cooling of Resistors	Hiromasa Hirakawa, Katsunobu Oide, Yujiro Ogawa	*Journal of the Physical Society of Japan*	**44**	337-338	1978	10.1143/JPSJ.44.337
2023041035	平野	2026/11/25	16:00-16:25	Quantum teleportation between light and matter	Jacob F. Sherson.et,al	*Nature*	**443**	557-560	2006	https://doi.org/10.1038/nature05136
2023041034	平野	2026/11/25	16:25-16:50	Entanglement Generated by Dissipation and Steady State Entanglement of Two Macroscopic Objects	Hanna Krauter et,al	*Physical Review Letters*	**107**	28709162	2011	https://doi.org/10.1103/PhysRevLett.107.080503
2023041050	理論	2026/12/2	13:20-13:45	Exotic superconductivity in the doped Kitaev quantum spin liquid	Takahiro Misawa, Kota Ido	*(arXiv preprint)*			2026	doi:10.48550/arXiv.2608.03024
2023041025	理論	2026/12/2	13:45-14:10	The equation of state of nucleon matter and neutron star structure	A. Akmal, V. R. Pandharipande, D. G. Ravenhall	*Physical Review C*	**58**	1804-1828	1998	https://doi.org/10.1103/PhysRevC.58.1804
2023041051	理論	2026/12/2	14:10-14:35	The equation of state of nucleon matter and neutron star structure	A. Akmal, V. R. Pandharipande, D. G. Ravenhall	*Physical Review C*	**58**	1804-1828	1998	https://doi.org/10.1103/PhysRevC.58.1804
2023041053	理論	2026/12/2	14:35-15:00	ON THE SCALE OF ATMOSPHERIC MOTIONS	J.G.CHARNEY	*Geofysiske Publikasjoner*	**2**	1-17	1948	
2023041052	町田	2026/12/2	15:10-15:35	Heat flowing from cold to hot without external intervention by using a thermal inductor	A. Schilling, X. Zhang, O. Bossen	*SCIENCE ADVANCES*	**5**	eaat9953	2019	doi:10.1126/sciadv.aat9953
2023041006	西坂	2026/12/2	15:35-16:00	Object-adapted optical trapping and shape-tracking of energy-switching helical bacteria	Matthias Koch,Alexander Rohrbach	*nature photonics*	**6**	680-686	2012	https://doi.org/10.1038/nphoton.2012.232
2022041030	西坂	2026/12/2	16:00-16:25	Characterization of Photodamage to Escherichia coli in Optical Traps	Keir C. Neuman. et al.	*Biophysical Journal*	**77**	2856~2863	1999	10.1016/S0006-3495(99)77117-1

2023041018	松本	2026/12/2	16:25-16:50	A differential interferometer for force microscopy,	C. Schönenberger and S. F. Alvarado	*Review of Scientific Instruments*	**60**	3131-3134	1989	DOI: 10.1063/1.1140543		