

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 (4名を超える場合は筆頭著者のみで et al. を加える)	雑誌名、書籍	号数 (volume)	ページ	論文の 発表年	doi
2021041001	渡邊	2024/10/30	13:25-13:50	High Temperature Measurement of Complex Permittivity and Permeability of Fe3O4 Powders in the Frequency Range of 0.2 to 13.5 GHz	Masahiro HOTTA , Miyuki HAYASHI and Kazuhiro NAGATA	<i>ISIJ International</i>	51	491-497	2011	https://doi.org/10.2355/isijinternational.51.491
2021041018	渡邊	2024/10/30	13:50-14:15	Simple approach for description of undercooled solidification	J. F. Xu, F. Liu*, K. Zhang and M. M. Gong	<i>Mater. Sci. Technol</i>	28	274-281	2012	doi: 10.1179/1743284711Y.0000000030
2021041003	理論	2024/10/30	14:15-14:40	Quantum distance and anomalous Landau levels of flat bands	Jun-Won Ehim ,Kyoo Kim & Bohm-Jung Yang	<i>Nature</i>	584	59-63	2020	doi.org/10.1038/s41586-020-2540-1
2021041033	松本	2024/10/30	14:50-15:15	Cooling of a Mirror by Radiation Pressure	P.F.Cohadon,A.Heidmann,M.Pinard	<i>PHYSICAL REVIEW LETTERS</i>	83	3174-3177	1999	doi:10.1103/PhysRevLett.83.3174
2021041042	松本	2024/10/30	15:15-15:40	Towards Quantum Superpositions of a Mirror	William Marshall, Christoph Simon,Roger Penrose, Dik Bouwmeester	<i>PHYSICAL REVIEW LETTERS</i>	91	130401-(1-4)	2003	doi: 10.1103/PhysRevLett.91.130401
2021041032	西坂	2024/10/30	15:40-16:05	Direct observation of the mechanochemical coupling in myosin Va during processive movement	Takeshi Sakamoto et al.	<i>Nature</i>	455	128–132	2008	doi.org/10.1038/nature07188
2021041013	町田	2024/11/6	13:20-13:45	Contrasting magnetothermal conductivity in sibling Co-based honeycomb-lattice antiferromagnets	MASATO UENO et al.	<i>PHYSICAL REVIEW B</i>	110	L041116	2024	10.1103/PhysRevB.110.L041116
2021041015	町田	2024/11/6	13:45-14:10	Ultralarge elastic deformation of nanoscale diamond	AMIT BANERJEE et al.	<i>Science</i>	360	300-302	2018	10.1126/science.aar4165
2020041010	平野	2024/11/6	14:10-14:35	Experimental demonstration of high-rate discrete-modulated continuous-variable quantum key distribution system	Yan Pan et al.	<i>Optical Letters</i>	47	3307-3310	2022	https://doi.org/10.1364/OL.456978
2020041042	平野	2024/11/6	14:35-15:00	Continuous-variable quantum keydistribution with on-chip light sources	LANG LI, JIAO WANG, XINRANG LI, PENG HUANG, YUYAO GUO, LIANGJUN LU, LINJIE ZHOU, AND CHUNHUA ZHANG	<i>Photonics Research</i>	11	504-516	2023	https://doi.org/10.1364/PRJ.473328
2021041016	田中	2024/11/6	15:10-15:35	Effect of Isopropyl Alcohol (IPA) on Etching Rate and Surface Roughness of Silicon Etched in KOH Solution	Norhafizah Burham , Azrul Azlan Hamzah(MIEE) , Burhanuddin Yeop Majlis(SMIEE)	<i>2015 IEEE Regional Symposium on Micro and Nanoe</i>		45295	2015	10.1109/RSM.2015.7355008
2021041026	田中	2024/11/6	15:35-16:00	Four resonators based high sensitive terahertz metamaterial biosensor used for measuring concentration of protein	Yuanyuan Li et al.	<i>Applied Physics</i>	52	45519	2019	10.1088/1361-6463/aaf7e9
2021041044	西坂	2024/11/6	16:00-16:25	A microrotary motor powered by bacteria	Yuichi Hiratsuka , Makoto Miyata , Tetsuya Tada, Taro Q. P. Uyeda	<i>PNAS</i>	103	13618-13623	2006	https://www.pnas.org/doi/10.1073/pnas.0604122103
2021041021	理論	2024/11/13	13:20-13:45	10 Relativistic Hydrodynamics, 11 Relativistic Imperfect Fluids	Steven Weinberg	<i>Gravitation and Cosmology</i>		47-57		
2021041046	理論	2024/11/13	13:45-14:10	Introduction to the Bethe-Ansatz approach in (1+1)-dimensional models	J. H. Lowenstein	<i>Proceedings of the 1982 Les Houches Sur</i>	39	609-625	1984	
2021041027	町田	2024/11/13	14:10-14:35	Singular angular magnetoresistance in a magnetic nodal semimetal	T. Suzuki et al.	<i>Science</i>	365	377-381	2019	doi:10.1126/science.aat0348
2021041028	町田	2024/11/13	14:35-15:00	Observation of Kondo condensation in a degenerately doped silicon metal	Hyunsik im , Dong Uk Lee	<i>nature physics</i>	19	676-681	2023	doi.org/10.1038/s41567-022-01930-3
2021041029	渡邊	2024/11/13	15:10-15:35	Failures in sand in reduced gravity environments	Jason P. Marshall et al.	<i>Journal of the Mechanics and Physics of Solids</i>	113	45303	2018	doi:10.1016/j.jmps.2018.01.005.
2021041039	渡邊	2024/11/13	15:35-16:00	Gravity, tides, and topography on small satellites and asteroids: application to surface features of the martian satellites	P.C.Thomas	<i>Icalus</i>	105	326-344	1993	doi.org/10.1006/icar.1993.1130
2021041014	平野	2024/11/13	16:00-16:25	Experimental Twin-Field Quantum Key Distribution over 1000 km Fiber Distance	Yang Liu et al.	<i>PHYSICAL REVIEW LETTERS</i>	130	210801-(1-6)	2023	doi: https://doi.org/10.1103/PhysRevLett.130.210801
2021041031	理論	2024/11/20	13:20-13:45	Irreversibility and Generalized Noise	HERBERT B. CALLEN,THEODORE A. WELTON	<i>Physical Review</i>	1	34-39	1951	https://doi.org/10.1103/PhysRev.83.34
2021041034	理論	2024/11/20	13:45-14:10	6. ISOMETRIES OF SPACE AND SPACETIME	M.P.Ryan, Jr., L. C. Shepley	<i>Homogeneous Relativistic Cosmologies</i>		96-117		
2021041036	理論	2024/11/20	14:10-14:35	The Emerging Field of Signal Processing on Graphs	David I Shuman et al.	<i>IEEE SIGNAL PROCESSING MAGAZINE</i>	30	83-98	2013	doi:10.1109/MSP.2012.2235192
2021041037	理論	2024/11/20	14:35-15:00	Topological invariants in two-dimensional quasicrystals	Mikito Koshino, Hiroki Oka	<i>Phys. Rev. Research</i>	4	013028(1-16)	2022	doi:10.1103/PhysRevResearch.4.013028
2021041035	町田	2024/11/20	15:10-15:35	The Lorenz ratio as a guide to scattering contributions to Planckian transport	F. Sun1.et.al	<i>PNAS</i>	121	45297		doi:10.1073/pnas.2318159121

2021041040	町田	2024/11/20	15:35-16:00	Quantized thermoelectric Hall plateau in the quantum limit of graphite as a nodal-line semimetal	Andhika Kiswandi <i>et al.</i>		107	195106(1-5)	2023	doi: 10.1103/PhysRevB.107.195106
2020041048	平野	2024/11/20	16:00-16:25	Twin-field quantum key distribution without optical frequency dissemination	Lai Zhou, Jinping Lin, Yumang Jing & Zhiqiang Yuan	<i>nature communications</i>	14	45299	2023	https://doi.org/10.1038/s41467-023-36573-2
2021041045	理論	2024/11/27	13:20-13:45	第5章 輻射 §56 光電効果	ラウダウ=リフシツ	<i>東京書籍</i>		232-236		
2021041023	理論	2024/11/27	13:45-14:10	Absence of local conserved quantity in the Heisenberg model with next-nearest-neighbor interaction	Naoto Shirashi	<i>Journal of Statistical Physics</i>	191	114(1-32)	2024	doi:10.1007/s10955-024-03326-4
2021041008	渡邊	2024/11/27	14:10-14:35	Electrically stressed water drops in oil	Gunnar Berga, Lars E. Lundgaard, Nicolas Abi-Chebel	<i>Chem. Eng. Sci</i>	49	1229-1240	2010	doi:10.1016/j.cep.2010.09.008
2021041009	渡邊	2024/11/27	14:35-15:00	Sloshing Resonance of an Acoustically Levitated Air-in-Liquid Compound Drop	Zilong Fang, Mohammad E. Taslim, Kai-Tak Wan	<i>Langmuir</i>	38	15534-15539	2022	doi:10.1021/acs.langmuir.2c02128.
2021041012	西坂	2024/11/27	15:10-15:35	Torque-Speed Relationship of the Flagellar Rotary Motor of Escherichia coli	Xiaobing Chen and Howard C. Berg	<i>Biophysical Journal</i>	78	1036-1041	2000	doi: 10.1016/S0006-3495(00)76662-8
2021041020	西坂	2024/11/27	15:35-16:00	Direct visualization of replication and R-loop collision using single-molecule imaging	Subin Kim ¹ , Woo Hee Shin ¹ , Yujin Kang ¹ , Hongtae Kim ¹ and Ja Yil Lee	<i>Nucleic Acids Research</i>	52	259-273	2024	10.1093/nar/gkad1101
2021041006	松本	2024/11/27	16:00-16:25	Self-cooling of a micromirror by radiation pressure	S. Gigan <i>et al.</i>	<i>nature</i>	444	67-70	2006	doi:10.1038/nature05273
2020041011	西坂	2024/12/4	13:20-13:45	Influenza virus binds its host cell using multiple dynamic interactions	Christian Sieben <i>et al.</i>	<i>PNAS</i>	109	13626-13631	2012	https://doi.org/10.1073/pnas.1120265109
2020041054	理論	2024/12/4	13:45-14:10	Image of a spherical black hole with thin accretion disk	Luminet, J.-P.	<i>Astronomy and Astrophysics</i>	75	228-235	1979	
2019041028	理論	2024/12/4	14:10-14:35	4.Inflation	Weinberg,Steven	<i>COSMOLOGY</i>		201-216		
2019041034	理論	2024/12/4	14:35-15:00	Low-latency automotive vision with event cameras	Daniel Gehrig & Davide Scaramuzza	<i>Nature</i>	629	1034-1040	2024	doi.org/10.1038/s41586-024-07409-w
2021041011	松本	2024/12/4	15:10-16:25	Migrating pattern of deformation prior to the Tohoku-Oki earthquake revealed by GRACE data	Isabelle Panet <i>et al.</i>	<i>nature geoscience</i>	11	367-373	2018	doi:10.1038/s41561-018-0099-3
2021041024	平野	2024/12/4	15:35-16:00	Integrated Optically Pumped Magnetometer for Measurements within Earth's Magnetic Field	G.Oelsner <i>et al.</i>	<i>Physical Review</i>	17	024034-(1-13)	2022	
2021041047	平野	2024/12/4	16:00-16:25	Logical states for fault-tolerant quantum computation with propagating light	Shunya Konno <i>et al.</i>	<i>Science</i>	383, 6680	289-293	2024	DOI: 10.1126/science.adk7560