

Tadashi Adachi

List of Publications by Year in descending order

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1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth, Annealing Effects on Superconducting and Magnetic Properties, and Anisotropy of FeSe _{1-x} Te _x (0.5% x) Single Crystals. Journal of the Physical Society of Japan, 2010, 79, 084711.	1.6	104
2	Energy gaps in the failed high-T _c superconductor La _{1.875} Ba _{0.125} CuO ₄ . Nature Physics, 2009, 5, 119-123.	16.7	94
3	Suppression of the antiferromagnetic pseudogap in the electron-doped high-temperature superconductor by protect annealing. Nature Communications, 2016, 7, 10567.	12.8	73
4	Spin Gap and Hole Pairing in the Spin-Ladder Cuprate Sr _{14-x} A _x Cu ₂₄ O ₄₁ (A=Ca and La) Studied by the Thermal Conductivity. Journal of the Physical Society of Japan, 2001, 70, 437-444.	1.6	70
5	Evolution of the Electronic State through the Reduction Annealing in Electron-Doped Pr _{1.3-x} La _{0.7} Ce _x CuO ₄ ($x=0.10$) Single Crystals: Antiferromagnetism, Kondo Effect, and Superconductivity. Journal of the Physical Society of Japan, 2013, 82, 063713.	1.6	68
6	Superconducting Volume Fraction in Overdoped Regime of La _{2-x} Sr _x CuO ₄ : Implication for Phase Separation from Magnetic-Susceptibility Measurement. Journal of the Physical Society of Japan, 2005, 74, 2893-2896.	1.6	61
7	Crystal growth, transport properties, and crystal structure of the single-crystal La _{2-x} Ba _x CuO ₄ ($x=0.11$). Physical Review B, 2001, 64, .	3.2	58
8	Phase-fluctuating superconductivity in overdoped La _{2-x} Sr _x CuO ₄ . Nature Physics, 2011, 7, 455-458.	16.7	58
9	Ultrafast quenching of electron-boson interaction and superconducting gap in a cuprate superconductor. Nature Communications, 2014, 5, 4959.	12.8	50
10	Cu spin dynamics in the overdoped regime of La _{2-x} Sr _x Cu _{1-y} Zn _y O ₄ probed by muon spin relaxation. Physical Review B, 2008, 77, .	3.2	44
11	Specific-Heat Study of Superconducting and Normal States in FeSe _{1-x} Te _x (0.6% x) Single Crystals: Strong-Coupling Superconductivity, Strong Electron-Correlation, and Inhomogeneity. Journal of the Physical Society of Japan, 2012, 81, 054708.	1.6	39
12	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1689-1693.	1.4	35
13	Muon spin relaxation study of the Cu spin dynamics in electron-doped high-T _c superconductor Pr _{0.86} La _{Ce0.14} Cu _{1-y} Zn _y O ₄ . Physical Review B, 2010, 82, .	3.2	31
14	Strong Electron Correlation behind the Superconductivity in Ce-Free and Ce-Underdoped High-T _c Tâ€²-Cuprates. Journal of the Physical Society of Japan, 2016, 85, 114716.	1.6	30
15	Development of Ferromagnetic Fluctuations in Heavily Overdoped Bi _{2-x} Pb _x Superconductors. Physical Review Letters, 2018, 121, 057002.	1.8	28
16	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1151-1155.	1.4	27
17	Magnetic-Field-Induced Enhancement of the Vortex Pinning in the Overdoped Regime of La _{2-x} Sr _x CuO ₄ : Relation to the Microscopic Phase Separation. Journal of the Physical Society of Japan, 2007, 76, 113706.	1.6	26
18	Novel Electronic State and Superconductivity in the Electron-Doped High-T _c Tâ€™-Superconductors. Condensed Matter, 2017, 2, 23.	1.8	22

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19	Fabrication of High-Temperature Quasi-Two-Dimensional Superconductors at the Interface of a Ferroelectric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.8 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 22 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 19$. Physical Review Letters, 2019, 122, 237001.	7.8	22
20	Using Uniaxial Stress to Probe the Relationship between Competing Superconducting States in a Cuprate with Spin-stripe Order. Physical Review Letters, 2020, 125, 097005.	7.8	22
21	La $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 18 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 21$. Physical Review Letters, 2020, 124, 187002.	7.8	16
22	Field-induced magnetic order in $\text{La}_2\hat{a}^{\text{x}}\text{SrxCuO}_4$ ($\text{x}=0.10, 0.115, 0.13$) studied by in-plane thermal conductivity measurements. Physical Review B, 2004, 70, .	3.2	16
23	Change of the Ground State upon Hole Doping Unveiled by Ni Impurity in High-Tc Cuprates. Journal of the Physical Society of Japan, 2010, 79, 023706.	1.6	16
24	High-Temperature Charge-Stripe Correlations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1.675 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 24$. Physical Review Letters, 2020, 124, 187002.	7.8	16
25	Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Bi} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1.75 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 25$. Physical Review B, 2010, 81, .	3.2	15
26	Superconducting Symmetry Studied from Impurity Effects in Single-Crystal $\text{Fe}_{1-y}\text{MySe}_{0.3}\text{Te}_{0.7}$ ($\text{M} = \text{Co}$). Journal of the Physical Society of Japan, 2021, 90, 063701.	1.6	14
27	Existence of Large Antiferromagnetic Spin Fluctuations in Ce-Doped Tâ€^2 -Cuprate Superconductors. Journal of the Physical Society of Japan, 2016, 85, 024708.	1.6	14
28	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1.3 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 28$. Physical Review Letters, 2020, 124, 187002.	3.2	13
29	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 29$. Physical Review Letters, 2020, 124, 187002.	3.2	11
30	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1157-1161.	1.4	10
31	Resonant inelastic x-ray scattering study of intraband charge excitations in hole-doped high-Tccuprates. Physical Review B, 2013, 87, .	3.2	10
32	Extended superconducting dome revealed by angle-resolved photoemission spectroscopy of electron-doped cuprates prepared by the protect annealing method. Physical Review Research, 2021, 3, .	3.6	10
33	Resolving unoccupied electronic states with laser ARPES in bismuth-based cuprate superconductors. Physical Review B, 2015, 91, .	3.2	9
34	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 843-847.	1.4	8
35	Evidence for Ballistic Thermal Conduction in the One-Dimensional Spin System Sr_2CuO_3 . AIP Conference Proceedings, 2006, , .	0.4	8
36	Thermal Conductivity and Annealing Effects in the Iron-Based Superconductor $\text{FeSe}_{0.3}\text{Te}_{0.7}$. Journal of the Physical Society of Japan, 2014, 83, 044704.	1.6	8

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37	Optical Study of Electron-Doped Cuprate $\text{Pr}_{1.3}\text{La}_{0.7}\text{Ce}_x\text{CuO}_{4+\delta}$ in Under-Doped Regime: Revisit the Phase Diagram. Journal of the Physical Society of Japan, 2018, 87, 043705.	1.6	8
38	Pairing Symmetry Studied from Impurity Effects in the Undoped Superconductor $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$. Journal of the Physical Society of Japan, 2016, 85, 093703.	1.6	7
39	Thermal Conductivity and Magnetic Phase Diagram of CuB_2O_4 . Journal of the Physical Society of Japan, 2019, 88, 114708.	1.6	7
40	POSSIBLE CHARGE AND/OR SPIN ORDERING IN THE Bi-2212, Y-123 AND La-214 PHASES. International Journal of Modern Physics B, 2000, 14, 3520-3529.	2.0	6
41	^{15}N SR Studies on Magnetism in High-Tc Cuprates. Journal of the Physical Society of Japan, 2016, 85, 091006.	1.6	6
42	Pressure tuning of structure, superconductivity, and novel magnetic order in the Ce-underdoped electron-doped cuprate $T\text{Pr}_{1-x}\text{Ce}_x\text{CuO}_{4+\delta}$. Physical Review B, 2017, 96, .	3.2	6
43	Pauli-limit upper critical field of high-temperature superconductor $\text{La}_{1.84}\text{Sr}_{0.16}\text{CuO}_4$. Scientific Reports, 2019, 9, 16949.	3.3	6
44	Possible ferromagnetic phase in non-superconducting heavily overdoped cuprates of Bi-2201. Journal of Physics: Conference Series, 2014, 568, 022003.	0.4	5
45	Nature of Carrier Doping in $\text{La}_{1.8}\text{Sr}_x\text{Eu}_{0.2}\text{CuO}_{4+\delta}$ Studied by X-Ray Photoemission and Absorption Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 115004.	1.6	5
46	Metal-insulator transition and spin gap in the spin-ladder cuprate $\text{Sr}_{14-x}\text{A}_x\text{Cu}_{24}\text{O}_{41}$ (A=Ca, Ba, Y, La). European Physical Journal D, 1996, 46, 2701-2702.	0.4	4
47	^{15}N SR Study on Slowing-Down Behavior of the Cu-Spin Fluctuations at High Temperatures in $\text{La}_2\text{Sr}_x\text{CuO}_4$. Journal of Low Temperature Physics, 2003, 131, 331-335.	1.4	4
48	Magnetic-field effects on the charge-spin stripe order in La-214 high-Tc cuprates. Journal of Physics: Conference Series, 2006, 51, 259-262.	0.4	4
49	Successive Magnetic Transitions Relating to Itinerant Spins and Localized Cu Spins in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{Fe}_{1-x}\text{O}_{4+\delta}$: Possible Existence of Stripe Correlations in the Overdoped Regime. Journal of the Physical Society of Japan, 2016, 85, 124705.	1.6	4
50	Impurity Effects on the Electronic State in the Undoped (Ce-free) Superconductor $\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_4$ Studied by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2018, 87, 094717.	1.6	4
51	Sulfur-induced magnetism in $\text{FeSe}_{1-x}\text{S}_x$ thin films on LaAlO_3 revealed by muon spin rotation/relaxation. Physical Review B, 2021, 103, .	3.2	4
52	Reduction Annealing Effects on the Crystal Structure of $T\text{La}_{1.8}\text{Eu}_{0.2}\text{CuO}_{4+\delta}$. Journal of the Physical Society of Japan, 2021, 90, 105002.	1.6	4
53	Observation of Cu Spin Fluctuations in High-Tc Cuprate Superconductor Nanoparticles Investigated by Muon Spin Relaxation. Nanomaterials, 2021, 11, 3450.	4.1	4
54	Superconducting Gap and Symmetry in $\text{FeSe}_{1-x}\text{Te}_x$ Studied by Specific Heat in Magnetic Fields. Journal of the Physical Society of Japan, 2014, 83, 094721.	1.6	3

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55	EPR Study of the Local Magnetic Field Distribution over the $\text{Bi}_2\text{Sr}_2\text{Ca}_1\hat{x}\text{Y}\text{Cu}_2\text{O}_{8+y}$ Crystal Surface above the Superconducting Transition Temperature. Applied Magnetic Resonance, 2015, 46, 897-907.	1.2	3
56	Muon-spin relaxation study of the spin correlations in the overdoped regime of electron-doped high- T_c cuprate superconductors. Physical Review B, 2019, 100, .	3.2	3
57	Estimation of the on-site Coulomb potential and covalent state in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ by muon spin rotation and density functional theory calculations. Physical Review Research, 2022, 4, .	2.6	3
58	1/8 PROBLEMS IN THE La-, Bi- AND Y-BASED CUPRATES AND NEW ANOMALIES IN THE OVERDOPED REGION OF THE La-BASED CUPRATE. International Journal of Modern Physics B, 1999, 13, 3546-3551.	2.0	2
59	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 293-297.	1.4	2
60	1/8 Anomaly in the Excess-Oxygen-Doped $\text{La}_2\hat{x}\text{A}\text{CuO}_4\hat{+}$ (A = Nd, Bi, Pr). Journal of Low Temperature Physics, 2003, 131, 837-841.	1.4	2
61	Superconducting Fluctuations Above the Critical Temperature in $\text{Bi}_2\text{Sr}_2\text{Ca}_1\hat{x}\text{Y}\text{Cu}_2\text{O}_8\hat{+}$ as Revealed by Microwave Absorption. Applied Magnetic Resonance, 2017, 48, 861-870.	1.2	2
62	Reduction Effects on the Cu-Spin Correlation in the Electron-Doped T_c -Cuprate $\text{Pr}_{1.3}\hat{x}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4\hat{+}$ ($x = 0.10$). , 2018, , .		2
63	Magnetic field effect in stripe-ordered $214(\text{La}_{1.6}\hat{x}\text{Nd}_{0.4})\text{Sr}_x\text{CuO}_4$ and $\text{La}_2\hat{x}\text{Ba}_x\text{CuO}_4$ superconducting cuprates studied by resonant soft x-ray scattering. Physical Review B, 2018, 97, .	3.2	2
64	Pseudogap Behavior in T_c - $\text{Pr}_{1.3}\hat{x}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4$ Revealed by $63,65\text{Cu}$ NMR. Journal of the Physical Society of Japan, 2020, 89, 073709.	1.6	2
65	Magnetic Impurity Effects on Ferromagnetic Fluctuations in Heavily Overdoped $(\text{Bi,Pb})_2\text{Sr}_2\text{Cu}_1\hat{y}\text{Fe}_y\text{O}_6\hat{+}$ Cuprates. Journal of the Physical Society of Japan, 2021, 90, 084701.	1.6	2
66	In-Plane Electrical Resistivity under Strong Magnetic Fields up to 27 T in $\text{La}_2\hat{x}\text{Ba}_x\text{CuO}_4$ and $\text{La}_2\hat{x}\text{Sr}_x\text{CuO}_4$ around $x = 1/8$. AIP Conference Proceedings, 2006, , .	0.4	1
67	Electronic Homogeneity in the Overdoped Regime of the Electron-Doped High- T_c Superconductors. Journal of Physics: Conference Series, 2014, 568, 022002.	0.4	1
68	Metal-insulator transition and pseudogap in $\text{Bi}_{1-x}\text{Pb}_x\text{Sr}_2\text{CuO}_6$. Physical Review B, 2016, 94, .	1.2	1
69	Impurity effects on the stripes in the La-214, Bi-2212 and Y-123 phases. AIP Conference Proceedings, 2001, , .	0.4	0
70	FIELD-INDUCED AND IMPURITY-INDUCED MAGNETIC ORDER IN $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ STUDIED BY THE THERMAL CONDUCTIVITY AND ^{14}SR . International Journal of Modern Physics B, 2005, 19, 181-184.	2.0	0
71	Buckling of the CuO_2 Plane in Single Crystals of La-Based High- T_c Cuprates Observed by NMR. AIP Conference Proceedings, 2006, , .	0.4	0
72	Crystal Growth of Superconducting La_{2126} without HIP Treatment. AIP Conference Proceedings, 2006, , .	0.4	0

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73	Independent Control of Low-Energy Resonant States and Polaron States by the Zn-Doping and the Structural Transition in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($x=0.11$). <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 313-317.	1.8	0
74	In-plane Cu-O bond distribution and charge inhomogeneity in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ as a function of doping. <i>Journal of Applied Physics</i> , 2012, 111, 112622.	2.5	0
75	EPR search for vortex excitations in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-y}\text{Cu}_2\text{O}_8 + y$ crystals above the critical temperature. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2012, 76, 136-138.	0.6	0
76	Microwave Absorption by Charge Density Waves in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>JETP Letters</i> , 2018, 108, 675-679.	1.4	0
77	Fermi Surface Geometry and Inhomogeneous Electronic States in $\text{Pr}_{1.3-x}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4$ ($x = 0.05$) with Small Superconducting Volume Fraction. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 054704.	1.6	0
78	^{135}SR Studies on Superconductors' Magnetism in High- T_c Cuprates. <i>Radioisotopes</i> , 2016, 65, 325-344.	0.2	0
79	Hints for the nematic pseudogap in the nearly optimally doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ superconductor. <i>Physical Review Research</i> , 2020, 2, .	3.6	0