

# Satoshi Mihara

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

136  
citations

1684188

5  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-accuracy measurement of the emission spectrum of liquid xenon in the vacuum ultraviolet region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 293-297.	1.6	44
2	The Search for $\tilde{1/4} + \tilde{a} \tilde{t}^* e + \tilde{1}^3$ with $10\text{--}14$ Sensitivity: The Upgrade of the MEG Experiment. Symmetry, 2021, 13, 1591.	1.7	20
3	Status of Superconducting Solenoid System for COMET Phase-I Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	16
4	MEG liquid xenon detector. Journal of Physics: Conference Series, 2011, 308, 012009.	0.4	15
5	Development of a Radiation Resistant Superconducting Solenoid Magnet for mu-e Conversion Experiments. IEEE Transactions on Applied Superconductivity, 2013, 23, 4101404-4101404.	1.7	12
6	Cryogenic system for COMET experiment at J-PARC. Cryogenics, 2016, 77, 25-35.	1.7	5
7	An FPGA-Based Trigger System With Online Track Recognition in COMET Phase-I. IEEE Transactions on Nuclear Science, 2021, 68, 2028-2034.	2.0	4
8	Mechanical Analysis of Pion Capture Superconducting Solenoid System for COMET Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	3
9	Development of the Fast Front-end Trigger System for COMET Phase-I. , 2018, , .		3
10	Design and performance evaluation of front-end electronics for COMET straw tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 297-299.	1.6	3
11	Performance Evaluation of Readout Electronics Board for the COMET Straw-Tube Tracker. , 2015, , .		2
12	Radiation tolerance of straw-tracker read-out system for COMET experiment. , 2016, , .		2
13	Gigabit Ethernet Daisy Chain on FPGA for COMET Readout Electronics. IEEE Transactions on Nuclear Science, 2021, 68, 1968-1975.	2.0	2
14	Construction Status of the Superconducting Magnet System for the COMET Experiment. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	2
15	Nuclear Media Effects on Production and Decay of Vector Meson Studied in $12\text{ GeV} < i > p < / i > + < i > A < / i >$ Interaction. Progress of Theoretical Physics Supplement, 2003, 149, 49-55.	0.1	1
16	Development of a thin-wall straw-tube tracker for COMET experiment. , 2017, , .		1
17	Fast Online Trigger using FPGA-based Event Classification for the COMET Phase-I. , 2020, , .		1
18	Muon physics programs at J-PARC. Physics Procedia, 2011, 17, 153-158.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Development of PPDs to detect scintillation light from liquid xenon. , 2012, , .		0
20	Investigation of the last flavor violation in particle physics. AIP Conference Proceedings, 2021, , .	0.4	0
21	MUON PARTICLE PHYSICS PROGRAM AT J-PARC. , 2019, , .		0