

Shinya Matsuzaki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9350832/publications.pdf>

Version: 2024-02-01

32
papers

342
citations

933447

10
h-index

839539

18
g-index

32
all docs

32
docs citations

32
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Dilaton Chiral Perturbation Theory: Determining the Mass and Decay Constant of the Technidilaton on the Lattice. Physical Review Letters, 2014, 113, 082002.	7.8	61
2	Dark matter in modified gravity?. Physical Review D, 2017, 95, .	4.7	38
3	750 GeV diphoton signal from one-family walking technipion. Modern Physics Letters A, 2016, 31, 1630016.	1.2	29
4	Vector meson masses from a hidden local symmetry in a constant magnetic field. Physical Review D, 2016, 93, .	4.7	24
5	Cosmic history of chameleonic dark matter in $F(R)$ gravity. Physical Review D, 2018, 97, .	4.7	22
6	Simultaneous interpretation of K and B anomalies in terms of chiral-flavorful vectors. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
7	Dark confinement-deconfinement phase transition: a roadmap from Polyakov loop models to gravitational waves. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
8	Walking on the ladder: 125 GeV technidilaton, or Conformal Higgs. Journal of High Energy Physics, 2015, 2015, 1-57.	4.7	12
9	Lifetime of rho meson in correlation with magnetic-dimensional reduction. European Physical Journal A, 2017, 53, 1.	2.5	12
10	Scale generation via dynamically induced multiple seesaw mechanisms. Physical Review D, 2017, 95, .	4.7	10
11	$F(R)$ gravity in the early Universe: electroweak phase transition and chameleon mechanism *. Chinese Physics C, 2019, 43, 105101.	3.7	10
12	Chiral soliton lattice effect on baryonic matter from a skyrmion crystal model. Physical Review C, 2019, 100, .	2.9	10
13	Invisible axionlike dark matter from the electroweak bosonic seesaw mechanism. Physical Review D, 2016, 94, .	4.7	8
14	Big Bang Nucleosynthesis hunts chameleon dark matter. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
15	Charged pions tagged with polarized photons probing strong CP violation in a chiral-imbalance medium. Physical Review C, 2017, 95, .	2.9	7
16	A walking dilaton inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135390.	4.1	7
17	Inverse mass hierarchy of light scalar mesons driven by anomaly-induced flavor breaking. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	6
18	Analysis of nonperturbative flavor violation at chiral crossover criticality in QCD. Physical Review D, 2021, 103, .	4.7	6

#	ARTICLE	IF	CITATIONS
19	New perspective in searching for axionlike particles from flavor physics. <i>Physical Review D</i> , 2021, 103, .	4.7	6
20	Dynamically emergent gravity from hidden local Lorentz symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 135975.	4.1	5
21	New interpretation of the chiral phase transition: Violation of the trilemma in QCD. <i>Physical Review D</i> , 2022, 105, .	4.7	5
22	Nonperturbative flavor breaking in topological susceptibility at chiral crossover. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136044.	4.1	4
23	Dynamic scale anomalous transport in QCD with electromagnetic background. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	4
24	Detecting scale anomaly in chiral phase transition of QCD: new critical endpoint pinned down. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	4
25	Magnetic field effect on nuclear matter from a Skyrmion crystal model. <i>Physical Review C</i> , 2018, 98, .	2.9	2
26	Unified interpretation of scalegenesis in conformally extended standard models: a dynamical origin of Higgs portal. <i>Chinese Physics C</i> , 2020, 44, 111002.	3.7	2
27	Peccei–Quinn symmetry breaking via asymptotically safe dynamical scalegenesis: a walking axicolor and axion. <i>European Physical Journal C</i> , 2022, 82, 1.	3.9	2
28	Axial inverse magnetic catalysis. <i>Physical Review D</i> , 2022, 105, .	4.7	1
29	Probing an intrinsically flavorful ALP via tau-lepton flavor physics. <i>Physical Review D</i> , 2022, 105, .	4.7	1
30	Chiral-imbalance density wave in baryonic matters. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 045101.	3.6	0
31	One-Loop Corrections to the S and T Parameters in a Three Site Higgsless Model. , 2008, , .		0
32	One-Family Walking Technicolor in Light of LHC Run-II. , 2018, , .		0