

Takehiko Asaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4942385/publications.pdf>

Version: 2024-02-01

31
papers

3,053
citations

430874

18
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3391
citing authors

#	ARTICLE	IF	CITATIONS
1	The $\hat{1}/2$ MSM, dark matter and baryon asymmetry of the universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 620, 17-26.	4.1	727
2	The $\hat{1}/2$ MSM, dark matter and neutrino masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 631, 151-156.	4.1	662
3	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	20.1	496
4	Lightest sterile neutrino abundance within the $\hat{1}/2$ MSM. Journal of High Energy Physics, 2007, 2007, 091-091.	4.7	203
5	Opening a new window for warm dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 401-406.	4.1	173
6	Right-handed sneutrino as cold dark matter. Physical Review D, 2006, 73, .	4.7	107
7	On the hadronic contribution to sterile neutrino production. Journal of High Energy Physics, 2006, 2006, 053-053.	4.7	103
8	Modular A4 invariance and leptogenesis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	69
9	Mixing of active and sterile neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	68
10	Right-handed sneutrino as cold dark matter of the Universe. Physical Review D, 2007, 75, .	4.7	64
11	Kinetic equations for baryogenesis via sterile neutrino oscillation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 021-021.	5.4	64
12	Lepton flavor model with modular A4 symmetry in large volume limit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135956.	4.1	57
13	On neutrinoless double beta decay in the $\hat{1}/2$ MSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 371-375.	4.1	33
14	Flavour mixing of neutrinos and baryon asymmetry of the universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 105-113.	4.1	32
15	Heavy neutrino search in accelerator-based experiments. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
16	Lepton number violation by heavy Majorana neutrino in B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 393-396.	4.1	28
17	Initial condition for baryogenesis via neutrino oscillation. Physical Review D, 2017, 96, .	4.7	19
18	Seesaw mechanism at electron-electron colliders. Physical Review D, 2015, 92, .	4.7	18

#	ARTICLE	IF	CITATIONS
19	Lepton universality in the $\hat{1}/2$ MSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 303-309.	4.1	16
20	Reinterpretation of the Starobinsky model. Progress of Theoretical and Experimental Physics, 2016, 2016, 123E01.	6.6	15
21	Direct baryogenesis in the broken phase. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
22	Leptogenesis with an almost conserved lepton number. Physical Review D, 2008, 78, .	4.7	12
23	Atmospheric sterile neutrinos. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
24	Resonant leptogenesis at TeV-scale and neutrinoless double beta decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
25	Hiding neutrinoless double beta decay in the minimal seesaw mechanism. Physical Review D, 2021, 103, .	4.7	9
26	Perturbativity in the seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 147-149.	4.1	5
27	What if a specific neutrinoless double beta decay is absent?. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	5
28	Neutrino masses and gravitational wave background. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136074.	4.1	2
29	Probing heavy neutrinos in the COMET experiment. Progress of Theoretical and Experimental Physics, 2016, 2016, 033B03.	6.6	1
30	Tomography by neutrino pair beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 536-542.	4.1	1
31	Baryogenesis via Sterile neutrino oscillation and neutrino parameters $\hat{\tau}$. Progress in Particle and Nuclear Physics, 2010, 64, 390-392.	14.4	0