

# Sebastian ``Trojanowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8462720/publications.pdf>

Version: 2024-02-01

24  
papers

1,744  
citations

448610

19  
h-index

721071

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hadrophilic dark sectors at the Forward Physics Facility. <i>Physical Review D</i> , 2022, 105, .	1.6	11
2	The Forward Physics Facility: Sites, experiments, and physics potential. <i>Physics Reports</i> , 2022, 968, 1-50.	10.3	57
3	Cointeracting dark matter and conformally coupled light scalars. <i>Physical Review D</i> , 2022, 105, .	1.6	1
4	Detecting dark matter with far-forward emulsion and liquid argon detectors at the LHC. <i>Physical Review D</i> , 2021, 103, .	1.6	34
5	Neutrino beam-dump experiment with FASER at the LHC. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	39
6	GUT-constrained supersymmetry and dark matter in light of the new $(g \hat{\alpha}^2)^{1/4}$ determination. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	40
7	Discovering dark matter at the LHC through its nuclear scattering in far-forward emulsion and liquid argon detectors. <i>Physical Review D</i> , 2021, 104, .	1.6	15
8	Forward experiment sensitivity estimator for the LHC and future hadron colliders. <i>Physical Review D</i> , 2021, 104, .	1.6	36
9	First neutrino interaction candidates at the LHC. <i>Physical Review D</i> , 2021, 104, .	1.6	32
10	Dark matter relic density from conformally or disformally coupled light scalars. <i>Physical Review D</i> , 2020, 102, .	1.6	11
11	Extending the reach of FASER, MATHUSLA, and SHiP towards smaller lifetimes using secondary particle production. <i>Physical Review D</i> , 2020, 101, .	1.6	35
12	Looking forward to test the KOTO anomaly with FASER. <i>Physical Review D</i> , 2020, 102, .	1.6	21
13	Detecting and studying high-energy collider neutrinos with FASER at the LHC. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	79
14	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 090501.	1.4	133
15	FASER's physics reach for long-lived particles. <i>Physical Review D</i> , 2019, 99, .	1.6	205
16	Testing dark matter with Cherenkov light – prospects of H.E.S.S. and CTA for exploring minimal supersymmetry. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	23
17	ForwArd Search ExpeRiment at the LHC. <i>Physical Review D</i> , 2018, 97, .	1.6	250
18	Dark Higgs bosons at the ForwArd Search ExpeRiment. <i>Physical Review D</i> , 2018, 97, .	1.6	82

#	ARTICLE	IF	CITATIONS
19	WIMP dark matter candidates and searches” current status and future prospects. Reports on Progress in Physics, 2018, 81, 066201.	8.1	339
20	Heavy neutral leptons at FASER. Physical Review D, 2018, 97, .	1.6	95
21	Axionlike particles at FASER: The LHC as a photon beam dump. Physical Review D, 2018, 98, .	1.6	86
22	Axino and gravitino dark matter with low reheating temperature. , 2016, , .		0
23	Low fine tuning in the MSSM with higgsino dark matter and unification constraints. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
24	Constrained MSSM favoring new territories: The impact of new LHC limits and a 125 GeV Higgs boson. Physical Review D, 2012, 86, .	1.6	81