

# Oleksandr Tomalak

## List of Publications by Year in descending order

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24  
papers

356  
citations

687363

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794594

19  
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all docs

24  
docs citations

24  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiative (anti)neutrino energy spectra from muon, pion, and kaon decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137108.	4.1	3
2	Flavor-dependent radiative corrections in coherent elastic neutrino-nucleus scattering. Journal of High Energy Physics, 2021, 2021, 1.	4.7	34
3	The proton radius (puzzle?) and its relatives. Progress in Particle and Nuclear Physics, 2021, 121, 103901.	14.4	15
4	Axial and pseudoscalar form factors from charged current quasielastic neutrino-nucleon scattering. Physical Review D, 2021, 103, .	4.7	7
5	Radiative corrections. , 2021, , .		0
6	Theory of elastic neutrino-electron scattering. Physical Review D, 2020, 101, .	4.7	27
7	Parametrization and applications of the low- $Q^2$ nucleon vector form factors. Physical Review D, 2020, 102, .	4.7	27
8	On the effective theory of neutrino-electron and neutrino-quark interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135466.	4.1	17
9	Electromagnetic proton-neutron mass difference. European Physical Journal Plus, 2020, 135, 1.	2.6	4
10	How well do we know neutrino-electron scattering? EFT approach. , 2020, , .		1
11	Radiative corrections to neutrino-nucleon scattering in effective field theory. , 2020, , .		0
12	Leading order corrections to the Bethe-Heitler process in the $\mu p \rightarrow \mu p \gamma$ reaction. Physical Review D, 2019, 100, .	4.7	10
13	Two-photon exchange correction to the Lamb shift and hyperfine splitting of S levels. European Physical Journal A, 2019, 55, 1.	2.5	23
14	Two-photon exchange on the neutron and the hyperfine splitting. Physical Review D, 2019, 99, .	4.7	4
15	Hyperfine splitting in ordinary and muonic hydrogen. European Physical Journal A, 2018, 54, 1.	2.5	13
16	Dispersion relation formalism for the two-photon exchange correction to elastic muon-proton scattering: elastic intermediate state. European Physical Journal C, 2018, 78, 1.	3.9	19
17	Two-Photon Exchange Correction in Elastic Lepton-Proton Scattering. Few-Body Systems, 2018, 59, 1.	1.5	11
18	Soft-photon corrections to the Bethe-Heitler process in the $\mu p \rightarrow \mu p \gamma$ reaction. Physical Review D, 2018, 97, .	4.7	9

#	ARTICLE	IF	CITATIONS
19	Forward two-photon exchange in elastic lepton-proton scattering and hyperfine-splitting correction. European Physical Journal C, 2017, 77, 1. Two-photon exchange contribution to elastic $\langle \mathbb{1} \rangle$	3.9	19
20	-proton scattering: Full dispersive treatment of $\langle \mathbb{1} \rangle$	4.7	26
21	states and comparison with $\langle \mathbb{1} \rangle$	4.7	20
22	Two-photon exchange correction to the hyperfine splitting in muonic hydrogen. European Physical Journal C, 2017, 77, 1.	3.9	22
23	Magnetic fields and chiral asymmetry in the early hot universe. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 018-018.	5.4	11
24	Two-photon exchange correction to muon-proton elastic scattering at low momentum transfer. European Physical Journal C, 2016, 76, 1.	3.9	34