

# Gauhar Abbas

## List of Publications by Year in descending order

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31  
papers

304  
citations

933447

10  
h-index

888059

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbative expansion of the QCD Adler function improved by renormalization-group summation and analytic continuation in the Borel plane. Physical Review D, 2013, 87, .	4.7	47
2	Determination of $\hat{\Gamma}_{\pm}$ s. Review D, 2012, 85, .	4.7	47
3	Expansions of hadronic spectral function moments in a nonpower QCD perturbation theory with tamed large order behavior. Physical Review D, 2013, 88, .	4.7	27
4	Flavour-changing top decays in the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
5	Theory of unitarity bounds and low-energy form factors. European Physical Journal A, 2010, 45, 389-399.	2.5	24
6	A model of spontaneous CP breaking at low scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 252-257.	4.1	13
7	Improving the phenomenology of $K_{l3}$ form factors with analyticity and unitarity. Physical Review D, 2010, 82, .	4.7	11
8	High scale mixing unification for Dirac neutrinos. Physical Review D, 2015, 91, .	4.7	11
9	Stringent constraints on the scalar $K\pi$ form factor from analyticity, unitarity and low-energy theorems. European Physical Journal A, 2010, 44, 175-179.	2.5	10
10	Low scale left-right-right-left symmetry. Physical Review D, 2017, 95, .	4.7	10
11	Predictions from high scale mixing unification hypothesis. Physical Review D, 2014, 89, .	4.7	9
12	Precise predictions for Dirac neutrino mixing. Physical Review D, 2017, 95, .	4.7	9
13	Solving the fermionic mass hierarchy of the Standard Model. International Journal of Modern Physics A, 2019, 34, 1950104.	1.5	9
14	DETERMINATION OF THE STRONG COUPLING FROM HADRONIC TAU DECAYS USING RENORMALIZATION GROUP SUMMED PERTURBATION THEORY. Modern Physics Letters A, 2013, 28, 1360004.	1.2	8
15	Rightâ€‘left extension of the Standard Model. Modern Physics Letters A, 2016, 31, 1650117.	1.2	8
16	Loop induced $H\hat{A}\pm\hat{A}\pm W\hat{A}\pm Z$ decays in the aligned two-Higgs-doublet model. Physical Review D, 2018, 98, .	4.7	8
17	Improved bounds on the radius and curvature of the $K\pi$ scalar form factor and implications to low-energy theorems. European Physical Journal A, 2009, 41, 7-11.	2.5	7
18	Nonleptonic decays of charmed mesons into two pseudoscalars. Physical Review D, 2015, 92, .	4.7	7

#	ARTICLE	IF	CITATIONS
19	High scale mixing relations as a natural explanation for large neutrino mixing. International Journal of Modern Physics A, 2016, 31, 1650095.	1.5	7
20	A low scale left-right symmetric mirror model. Modern Physics Letters A, 2019, 34, 1950119.	1.2	7
21	New constraints on the pion EM form factor using $\Pi^{\prime}(-Q^2)$ . European Physical Journal A, 2009, 41, 93-100.	2.5	5
22	A new solution of the fermionic mass hierarchy of the standard model. International Journal of Modern Physics A, 2021, 36, 2150090.	1.5	3
23	A Nonstandard Solution of the Fermionic Mass Hierarchy. Springer Proceedings in Physics, 2019, , 449-454.	0.2	2
24	Origin of the VEVs hierarchy. International Journal of Modern Physics A, 2022, 37, .	1.5	2
25	$\tilde{I}_n$ hadronic spectral function moments in a nonpower QCD perturbation theory. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2777-2779.	0.5	1
26	Strong coupling from the tau-lepton hadronic width. , 2014, , .		1
27	The $K_1^0$ form factors from Analyticity and Unitarity. Journal of Physics: Conference Series, 2012, 374, 012012.	0.4	0
28	Constraints on the $K_{L3}$ form factors from analyticity and unitarity. Pramana - Journal of Physics, 2012, 79, 891-894.	1.8	0
29	Constraining the properties of $K_{L3}$ form factors with analyticity and unitarity. , 2012, , .		0
30	Unitarity and analyticity constraints on $\pi$ -K form factors. , 2013, , .		0
31	Flavour-changing top decays in the aligned two-Higgs-doublet model. , 2016, , .		0