Harleen Dahiya

List of Publications by Year
in descending order

59	623	623734	642732
papers	citations	14	23
		h-index	g-index

60	60	60	193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin $\frac{1}{2}^{+}$ spin $\frac{3}{2}^{+}$ and transition magnetic moments of low lying and charmed baryons. Physical Review D, 2010, 81, .	4.7	63
2	Octet and decuplet baryon magnetic moments in the chiral quark model. Physical Review D, 2003, 67, .	4.7	48
3	Chiral quark model with configuration mixing. Physical Review D, 2001, 64, .	4.7	39
4	Octet magnetic moments and the Coleman-Glashow sum rule violation in the chiral quark model. Physical Review D, 2002, 66, .	4.7	35
5	Magnetic moments of the low-lying $$\frac{1}{2}^{-}$$ octet baryon resonances. European Physical Journal A, 2013, 49, 1.	2.5	29
6	SU(4) chiral quark model with configuration mixing. Physical Review D, 2003, 67, .	4.7	23
7	Weak vector and axial-vector form factors in the chiral constituent quark model with configuration mixing. Physical Review D, 2009, 79, .	4.7	23
8	Spin and flavor strange quark content of the nucleon. Physical Review D, 2008, 78, .	4.7	22
9	Magnetic moments of $J^{P} = \frac{3}{2}^{+}$ baryons using effective quark masses in a chiral constituent quark model. Physical Review D, 2015, 92, .	4.7	21
10	CHIRAL CONSTITUENT QUARK MODEL AND THE COUPLING STRENGTH OF η′. International Journal of Modern Physics A, 2006, 21, 4255-4267.	1.5	20
11	CHIRAL QUARK MODEL (χQM) AND THE NUCLEON SPIN. International Journal of Modern Physics A, 2004, 19, 5027-5041.	1.5	19
12	Axial-vector form factors for the low lying octet baryons in the chiral quark constituent model. Physical Review D, 2014, 90, .	4.7	17
13	Magnetic moments of the low-lying JP = 1/2-, 3/2- $Lambda$ resonances within the framework of the chiral quark model. European Physical Journal A, 2012, 48, 1.	2.5	16
14	Quadrupole moments of low-lying baryons with spin- $\frac{\boldsymbol{1}}{\boldsymbol{2}}^{\boldsymbol{+}}$, spin- $\frac{\boldsymbol{3}}{\boldsymbol{2}}^{\boldsymbol{+}}$, and spin- $\frac{\boldsymbol{3}}{\boldsymbol{2}}^{\boldsymbol{+}} \to \frac{\boldsymbol{1}}{\boldsymbol{2}}^{\boldsymbol{+}}$ transitions. Pramana - Journal of Physics, 2013, 80, 237-249.	1.8	16
15	Generalized parton distributions of pion for non-zero skewness in AdS/QCD. Nuclear Physics B, 2018, 934, 80-95.	2.5	14
16	Quark sea asymmetries of the octet baryons. Physical Review D, 2010, 81, .	4.7	12
17	Charge and magnetization densities in transverse coordinate and impact parameter space. Physical Review D, 2014, 90, .	4.7	12
18	Magnetic moments of octet baryons in hot and dense nuclear matter. Chinese Physics C, 2017, 41, 094104.	3.7	12

#	Article	IF	Citations
19	Extending light-front holographic QCD using the 't Hooft Equation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136754.	4.1	12
20	Charge radii of octet and decuplet baryons in chiral constituent quark model. Pramana - Journal of Physics, 2013, 81, 449-465.	1.8	10
21	Generalized Parton Distributions of proton for nonzero skewness in transverse and longitudinal position spaces. International Journal of Modern Physics A, 2015, 30, 1550010.	1.5	10
22	Twist-2 pseudoscalar and vector meson distribution amplitudes in light-front quark model with exponential-type confining potential. Physical Review D, 2019, 100, .	4.7	10
23	Nucleon structure functions and longitudinal spin asymmetries in the chiral quark constituent model. Physical Review D, 2016, 93, .	4.7	9
24	Tomography of light mesons in the light-cone quark model. Physical Review D, 2020, 102, .	4.7	9
25	CHARGE RADII OF SPIN $\frac{1}{2}^+$ AND SPIN $\frac{3}{2}^+$ CHARMED BARYONS IN THE CHIRAL CONSTITUENT QUARK MODEL. International Journal of Modern Physics A, 2013, 28, 1350052.	1.5	8
26	Electromagnetic and gravitational form factors in simulated QED and Yukawa model. Modern Physics Letters A, 2014, 29, 1450118.	1.2	8
27	Decay constants of pseudoscalar and vector B and D mesons in the light-cone quark model. European Physical Journal Plus, 2018, 133, 1.	2.6	8
28	Quark Wigner distributions and GTMDs of Pion in the light-front holographic model. European Physical Journal A, 2020, 56, 1.	2.5	8
29	STRANGENESS AND CHIRAL SYMMETRY BREAKING. Modern Physics Letters A, 2011, 26, 279-288.	1.2	7
30	Transition magnetic moments of ${J}^{P}=\frac{3}{2}^{+}$ decuplet to ${J}^{P}=\frac{1}{2}^{+}$ octet baryons in the chiral constituent quark model. Chinese Physics C, 2018, 42, 093102.	3.7	7
31	Magnetic moments of octet baryons in strange matter. European Physical Journal A, 2018, 54, 1.	2.5	7
32	Study of kaon structure using the light-cone quark model. Physical Review D, 2019, 100, .	4.7	7
33	Light-front holographic Ï•meson distributions in the momentum space. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
34	Quark flavor distribution functions for the octet baryons in the chiral quark constituent model. Physical Review D, 2015, 91, .	4.7	6
35	Chiral odd generalized parton distributions and spin densities in the impact parameter space. Physical Review D, 2015, 91, .	4.7	6
36	Wigner distributions and GTMDs in a proton using light-front quarkâ€"diquark model. Nuclear Physics B, 2018, 937, 272-302.	2.5	6

#	Article	IF	Citations
37	Transverse distortion of a relativistic composite system in impact parameter space. European Physical Journal A, 2015, 51, 1.	2.5	5
38	Electromagnetic and axial-vector form factors of the quarks and nucleon. International Journal of Modern Physics A, 2017, 32, 1750185.	1.5	5
39	Single transverse spin asymmetries in semi-inclusive deep inelastic scattering in a spin-1 diquark model. European Physical Journal A, 2015, 51, 1.	2.5	4
40	Decuplet baryons in nuclear and hyperonic medium. European Physical Journal Plus, 2020, 135, 1.	2.6	4
41	Charge radii of octet and decuplet baryons. , 2011, , .		3
42	Octet baryon masses and magnetic moments in hot and dense isospin asymmetric nuclear matter. European Physical Journal Plus, 2019, 134, 1.	2.6	3
43	Charge Radii and Quadrupole Moments of the Low-Lying Baryons in the Chiral Constituent Quark Model. Advances in High Energy Physics, 2013, 2013, 1-17.	1.1	2
44	Study of Spin–Spin Correlations between Quark and a Spin-$\frac{1}{2}$ Composite System. Advances in High Energy Physics, 2020, 2020, 1-13.	1.1	2
45	Transverse momentum-dependent parton distributions of pion in the light-front holographic model. International Journal of Modern Physics A, 2021, 36, 2150052.	1.5	2
46	Quark sea flavor asymmetries in the $\text{spin}^{\frac{3}{2}}$ decuplet baryons. Physical Review D, 2021, 103, .	4.7	2
47	Ratios of Vector and Pseudoscalar B Meson Decay Constants in the Light-Cone Quark Model. Few-Body Systems, 2018, 59, 1.	1.5	1
48	Singlet, triplet, and octet axial-vector form factors of the $\text{spin}^{\frac{1}{2}}$ decuplet baryons in the chiral quark constituent model. Physical Review D, 2020, 102, .	4.7	1
49	Flavor and spin structure of the proton. European Physical Journal: Special Topics, 2022, 231, 129.	2.6	1
50	Spin densities and chiral odd generalized parton distributions. AIP Conference Proceedings, 2016, , .	0.4	0
51	Nucleon structure functions and longitudinal spin asymmetries. EPJ Web of Conferences, 2017, 137, 05001.	0.3	0
52	Transverse Momentum Distributions of Electron in Simulated QED Model. Few-Body Systems, 2018, 59, 1.	1.5	0
53	Study of Rare Semileptonic Bc+→D+½½- Decay in the Light-Cone Quark Model. Advances in High Energy Physics, 2018, 2018, 1-7.	1.1	0
54	Quark Wigner distributions of kaon using light-cone quark model. AIP Conference Proceedings, 2020, , .	0.4	0

#	Article	IF	Citations
55	Generalized parton distributions and transverse momentum distribution of pion. AIP Conference Proceedings, 2020, , .	0.4	0
56	Octet Baryon Quark Flavor Distribution Functions. , 2017, , .		0
57	Transition Magnetic Moments of ($J^{P} = \frac{3}{2}^{+}$) Decuplet to ($J^{P} = \frac{1}{2}^{+}$) Octet Baryons. , 2019, , .		0
58	Parton Distributions and Spin Structure of Hadrons. Springer Proceedings in Physics, 2020, , 365-372.	0.2	0
59	Valence quark distributions of light mesons in light-cone quark model. SciPost Physics Proceedings, 2022, , .	0.4	0