

Felipe J Llanes-Estrada

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

1,655
citations

24
h-index

37
g-index

112
ext. papers

1,816
ext. citations

3.4
avg, IF

4.98
L-index

#	Paper	IF	Citations
94	Vertex functions and infrared fixed point in Landau gauge . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 611, 279-288	4.2	142
93	The quark-gluon vertex in Landau gauge QCD: Its role in dynamical chiral symmetry breaking and quark confinement. <i>Annals of Physics</i> , 2009 , 324, 106-172	2.5	116
92	Meson structure in a relativistic many-body approach. <i>Physical Review Letters</i> , 2000 , 84, 1102-5	7.4	70
91	Viscosity of meson matter. <i>Physical Review D</i> , 2004 , 69,	4.9	67
90	$\Upsilon(4260)$ and possible charmonium assignment. <i>Physical Review D</i> , 2005 , 72,	4.9	66
89	Shear viscosity in a CFL quark star. <i>Journal of High Energy Physics</i> , 2005 , 2005, 076-076	5.4	58
88	Charm diffusion in a pion gas implementing unitarity, chiral and heavy quark symmetries. <i>Annals of Physics</i> , 2011 , 326, 2737-2772	2.5	51
87	Relativistic many-body Hamiltonian approach to mesons. <i>Nuclear Physics A</i> , 2002 , 697, 303-337	1.3	45
86	Muonic-hydrogen Lamb shift: Dispersing the nucleon-excitation uncertainty with a finite-energy sum rule. <i>Physical Review A</i> , 2013 , 87,	2.6	42
85	Bulk viscosity of low-temperature strongly interacting matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 43-48	4.2	42
84	Is the χ_{c0} a $K\bar{K}$ bound state?. <i>Physical Review C</i> , 2004 , 69,	2.7	40
83	J^{--} glueballs and a low odderon intercept. <i>Physical Review Letters</i> , 2006 , 96, 081601	7.4	37
82	One-loop $W L W L$ and $Z L Z L$ scattering from the electroweak Chiral Lagrangian with a light Higgs-like scalar. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	36
81	Coulomb gauge approach to $q\bar{q}g$ hybrid mesons. <i>European Physical Journal C</i> , 2007 , 51, 347-358	4.2	36
80	Local two-photon couplings and the $J=0$ fixed pole in real and virtual Compton scattering. <i>Physical Review D</i> , 2009 , 79,	4.9	35
79	Many-body Coulomb gauge exotic and charmed hybrids. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 504, 15-20	4.2	35
78	Light Higgs-like strong interactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 025002	2.9	34

77	Bulk viscosity in a cold CFL superfluid. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007 , 2007, 001-004	1.4	33
76	Hyperfine meson splittings: chiral symmetry versus transverse gluon exchange. <i>Physical Review C</i> , 2004 , 70,	2.7	33
75	QCD glueball Regge trajectory and the pomeron. <i>Nuclear Physics A</i> , 2002 , 710, 45-54	1.3	33
74	Minimum of β_s and the phase transition of the linear sigma model in the large-N limit. <i>Physical Review D</i> , 2009 , 80,	4.9	31
73	Quark mass dependence of the pion vector form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 90-96	4.2	26
72	DYNAMICALLY INDUCED SCALAR QUARK CONFINEMENT. <i>Modern Physics Letters A</i> , 2008 , 23, 1105-1113	1.3	25
71	A first estimate of triply heavy baryon masses from the pNRQCD perturbative static potential. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
70	Unitarity, analyticity, dispersion relations, and resonances in strongly interacting WLWL, ZLZL, and hh scattering. <i>Physical Review D</i> , 2015 , 91,	4.9	23
69	β_s and phase transitions. <i>Physical Review D</i> , 2009 , 79,	4.9	23
68	Nonordinary light meson couplings and the $1/N_c$ expansion. <i>Physical Review D</i> , 2014 , 90,	4.9	21
67	Finite-temperature pion scattering to one loop in chiral perturbation theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 550, 55-64	4.2	20
66	Possible New Resonance From $W_{\{L\}}W_{\{L\}}hh$ Interchannel Coupling. <i>Physical Review Letters</i> , 2015 , 114, 221803	7.4	19
65	The BES $f_0(1810)$: a new glueball candidate. <i>European Physical Journal C</i> , 2007 , 52, 363-374	4.2	18
64	Hadron physics potential of future high-luminosity B-factories at the \sqrt{s} and above. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	17
63	Existence of two-solar-mass neutron star constrains gravitational constant G_N at strong field. <i>Physical Review C</i> , 2012 , 85,	2.7	17
62	Two infrared Yang-Mills solutions in stochastic quantization and in an effective action formalism. <i>Physical Review D</i> , 2012 , 86,	4.9	17
61	Probing the infrared quark mass from highly excited baryons. <i>Physical Review Letters</i> , 2009 , 103, 092003	7.4	14
60	Renormalization scale-fixing for complex scattering amplitudes. <i>European Physical Journal C</i> , 2006 , 46, 751-758	4.2	14

59	Quark Schwinger-Dyson evaluation of the l_1, l_2 coefficients in the chiral Lagrangian. <i>Physical Review D</i> , 2003 , 68,	4.9	14
58	Light exotics: Molecular resonances. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 653, 216-223	4.2	13
57	Semiperturbative construction for the quark-gluon vertex. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 152, 43-46		13
56	Hadron matter in neutron stars in view of gravitational wave observations. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 109, 103715	10.6	12
55	Boost operators in Coulomb gauge QCD: The pion form factor and Fock expansions in (ϕ) radiative decays. <i>European Physical Journal A</i> , 2010 , 44, 411-424	2.5	12
54	The Status of the KSS Bound and its Possible Violations (How Perfect Can a Fluid Be?). <i>AIP Conference Proceedings</i> , 2008 ,	0	11
53	When hadrons become unstable: A novel type of non-analyticity in chiral extrapolations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 510-515	4.2	10
52	Finite temperature pion vector form factors in chiral perturbation theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 351-360	4.2	10
51	Dynamical mass generation in Landau gauge QCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 141, 128-133		10
50	nEoS: neutron star equation of state from hadron physics alone. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019 , 46, 084001	2.9	9
49	Coupling WW, ZZ unitarized amplitudes to $(\gamma\gamma)$ in the TeV region. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	9
48	Mapping chiral symmetry breaking in the excited baryon spectrum. <i>Physical Review D</i> , 2016 , 94,	4.9	8
47	Heavy quark fluorescence. <i>Physical Review Letters</i> , 2010 , 105, 022003	7.4	8
46	Fock space expansion of η meson in leading-Nc. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 207-208, 169-172		8
45	On the violation of the holographic viscosity versus entropy KSS bound in non-relativistic systems. <i>European Physical Journal C</i> , 2007 , 51, 913-918	4.2	8
44	Top-antitop production from $(W^+_L W^-_L)$ and $(Z_L Z_L)$ scattering under a strongly interacting symmetry-breaking sector. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	7
43	Production Cross-Section Estimates for Strongly-Interacting Electroweak-Symmetry Breaking Sector Resonances at Particle Colliders. <i>Communications in Theoretical Physics</i> , 2015 , 64, 701-709	2.4	7
42	Two-meson cloud contribution to the baryon antidecuplet binding. <i>Physical Review C</i> , 2005 , 71,	2.7	7

41	Relativistic many-body approach to exotic and charmed hybrid mesons. <i>Nuclear Physics A</i> , 2001 , 689, 481-484	1.3	7
40	Bulk viscosity and energy-momentum correlations in high energy hadron collisions. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	6
39	Constraining gravity with hadron physics: neutron stars, modified gravity and gravitational waves. <i>EPJ Web of Conferences</i> , 2017 , 137, 01013	0.3	5
38	Strange and heavy mesons in hadronic matter. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012017	0.3	5
37	The ratio of viscosity to entropy density in a pion gas satisfies the KSS holographic bound. <i>European Physical Journal C</i> , 2007 , 49, 1011-1013	4.2	5
36	From Euclidean to Minkowski space with the Cauchy-Biemann equations. <i>European Physical Journal C</i> , 2008 , 56, 557-569	4.2	5
35	Collider production of electroweak resonances from B states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
34	Shannon entropy and particle decays. <i>Nuclear Physics B</i> , 2018 , 930, 583-596	2.8	4
33	CUBIC NEUTRONS. <i>Modern Physics Letters A</i> , 2012 , 27, 1250033	1.3	4
32	Fermion family recurrences in the Dyson-Schwinger formalism. <i>European Physical Journal C</i> , 2007 , 51, 945-952	4.2	4
31	Angular power spectrum in publicly released ALICE events. <i>Nuclear Physics A</i> , 2018 , 970, 107-132	1.3	4
30	Using QCD counting rules to identify the production of gluonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 793, 405-410	4.2	3
29	Resonant production of Wh and Zh at the LHC. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
28	Radiation reaction on a classical charged particle: a modified form of the equation of motion. <i>Physical Review E</i> , 2013 , 88, 033203	2.4	3
27	Unitarity in composite Higgs boson approaches with vector resonances. <i>Physical Review D</i> , 2015 , 91,	4.9	3
26	WHAT THE INFRARED BEHAVIOR OF QCD VERTEX FUNCTIONS IN LANDAU GAUGE CAN TELL US ABOUT CONFINEMENT. <i>International Journal of Modern Physics E</i> , 2007 , 16, 2720-2732	0.7	3
25	Studying unquenching effects in QCD with Dyson-Schwinger equations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 153, 90-97		3
24	Chiral symmetry and hyperfine ($\overline{q}q$) splittings. <i>European Physical Journal C</i> , 2004 , 33, s521-s523	4.2	3

23	Glueballs as the Ithaca of meson spectroscopy. <i>European Physical Journal: Special Topics</i> , 2021 , 230, 1575-1592	3
22	Entropy production in the early-cosmology pion phase. <i>International Journal of Modern Physics A</i> , 2016 , 31, 1650118	1.2 3
21	Spontaneous mass generation and the small dimensions of the Standard Model gauge groups U(1), SU(2) and SU(3). <i>Nuclear Physics B</i> , 2017 , 915, 262-284	2.8 2
20	To What Extent is Gluon Confinement an Empirical Fact?. <i>Few-Body Systems</i> , 2013 , 54, 1705-1717	1.6 2
19	Heavy flavor relaxation in a hadronic medium. <i>Nuclear Physics A</i> , 2013 , 914, 505-511	1.3 2
18	Strongly interacting electroweak symmetry breaking sector with a Higgs-like light scalar 2014 ,	2
17	Shear and bulk viscosities of a photon gas at low temperature. <i>Physical Review D</i> , 2013 , 88,	4.9 2
16	Mixing and m_q dependence of axial vector mesons in the Coulomb gauge QCD model. <i>Physical Review D</i> , 2019 , 100,	4.9 2
15	Chiral Symmetry Breaking for Fermions Charged under Large Lie Groups. <i>Communications in Theoretical Physics</i> , 2019 , 71, 410	2.4 1
14	Bragg diffraction and the iron crust of cold neutron stars. <i>Astrophysics and Space Science</i> , 2012 , 337, 129-135	1
13	Coulomb gauge hybrid meson calculation. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 90, 117-119	1
12	Unbiased interpolated neutron-star EoS at finite T for modified gravity studies. <i>European Physical Journal A</i> , 2022 , 58, 1	2.5 1
11	Heating triangle singularities in heavy ion collisions. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2 1
10	Strongly interacting WLWL, ZLZL and hh from unitarized one-loop computations. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 2436-2438	0.4 1
9	Elongated Gravity Sources as an Analytical Limit for Flat Galaxy Rotation Curves. <i>Universe</i> , 2021 , 7, 346	2.5 1
8	D-meson diffusion in hadronic matter. <i>Journal of Physics: Conference Series</i> , 2014 , 503, 012020	0.3 0
7	Soft interactions in jet quenching. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1550067	1.2
6	Cubic Wavefunction Deformation of Compressed Atoms. <i>Few-Body Systems</i> , 2015 , 56, 231-240	1.6

- 5 Velocity fluctuations of fission fragments. *International Journal of Modern Physics E*, **2016**, 25, 1650009 0.7
- 4 Erratum to Spontaneous mass generation and the small dimensions of the Standard Model gauge groups U(1), SU(2) and SU(3) [Nucl. Phys. B 915 (2017) 262-284]. *Nuclear Physics B*, **2019**, 949, 114755 2.8
- 3 Two-meson cloud contribution to the baryon antidecuplet self-energy. *Nuclear Physics A*, **2005**, 755, 395-398
- 2 Heat conductivity of a pion gas **2007**, 613-615
- 1 Assessment of systematic theory uncertainties in IAM unitarization. *Nuclear and Particle Physics Proceedings*, **2021**, 312-317, 82-86 0.4