Pilar Hernandez

List of Publications by Year
in descending order

120 papers	6,613 citations	71102 41 h-index	62596 80 g-index
120 all docs	120 docs citations	120 times ranked	4717 citing authors

#	Article	IF	Citations
1	A lattice study of Ï€Ï€ scattering at large Nc. Journal of High Energy Physics, 2022, 2022, .	4.7	6
2	A new formulation of compartmental epidemic modelling for arbitrary distributions of incubation and removal times. PLoS ONE, 2021, 16, e0244107.	2.5	2
3	The large $$N_{c}$$ limit of QCD on the lattice. European Physical Journal A, 2021, 57, 52.	2.5	17
4	The see-saw portal at future Higgs Factories. Journal of High Energy Physics, 2021, 2021, 1.	4.7	16
5	Topological sampling through windings. European Physical Journal C, 2021, 81, 1.	3.9	8
6	Minimal flavor violation in the see-saw portal. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
7	New constraints on heavy neutral leptons from Super-Kamiokande data. European Physical Journal C, 2020, 80, 1.	3.9	27
8	Searches for atmospheric long-lived particles. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
9	Dissecting the $$Delta I=1/2$$ rule at large $$N_c$$. European Physical Journal C, 2020, 80, 1.	3.9	7
10	Majorana vs pseudo-Dirac neutrinos at the ILC. European Physical Journal C, 2019, 79, 1.	3.9	38
11	Leptogenesis from oscillations and dark matter. European Physical Journal C, 2019, 79, 1.	3.9	11
12	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
13	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
14	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
15	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
16	Large $$N_c$$ scaling of meson masses and decay constants. European Physical Journal C, 2019, 79, 1.	3.9	17
17	Probing leptogenesis. International Journal of Modern Physics A, 2018, 33, 1842005.	1.5	69
18	ARS leptogenesis. International Journal of Modern Physics A, 2018, 33, 1842002.	1.5	56

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19	Non-leptonic kaon decays at large Nc. EPJ Web of Conferences, 2018, 175, 13015.	0.3	1
20	The seesaw path to leptonic CP violation. European Physical Journal C, 2017, 77, 1.	3.9	32
21	The seesaw portal in testable models of neutrino masses. Journal of High Energy Physics, 2017, 2017, 1.	4.7	67
22	The Minimal 3 + 2 Neutrino Model vs. Higgs Decays. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2693-2695.	0.5	1
23	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	20.1	496
24	Nonleptonic kaon decays at large Nc. Physical Review D, 2016, 94, .	4.7	9
25	Testable baryogenesis in seesaw models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	86
26	Leptogenesis in GeV-scale seesaw models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	51
27	Probing the Type I Seesaw mechanism with displaced vertices at the LHC. European Physical Journal C, 2015, 75, 1.	3.9	72
28	The Seesaw Scale vs Cosmology. Nuclear and Particle Physics Proceedings, 2015, 265-266, 307-310.	0.5	0
29	Revisiting cosmological bounds on sterile neutrinos. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 006-006.	5.4	50
30	Low-scale seesaw models versus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mtext mathvariant="bold">eff</mml:mtext></mml:msub></mml:math>. Physical Review D, 2014, 89, .	4.7	16
31	Neffin low-scale seesaw models versus the lightest neutrino mass. Physical Review D, 2014, 90, .	4.7	43
32	Light sterile neutrino sensitivity at the nuSTORM facility. Physical Review D, 2014, 89, .	4.7	28
33	A non-perturbative study of massive gauge theories. Journal of High Energy Physics, 2013, 2013, 1.	4.7	2
34	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
35	Toroidal magnetized iron neutrino detector for a neutrino factory. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	6
36	Golden channel at a neutrino factory revisited: Improved sensitivities from a magnetized iron neutrino detector. Physical Review D, 2012, 86, .	4.7	13

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37	The minimal 3â€‰+â€‰2 neutrino model versus oscillation anomalies. Journal of High Energy Physics, 2012, 2012, 1.	4.7	66
38	Probing the neutrino mass hierarchy with Super-Kamiokande. Journal of High Energy Physics, 2012, 2012, 1.	4.7	10
39	CP violation in the neutrino sector: The new frontier. Comptes Rendus Physique, 2012, 13, 186-192.	0.9	1
40	Precision on leptonic mixing parameters at future neutrino oscillation experiments. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41
41	Minimal models with light sterile neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	31
42	Probing the chiral regime ofNf=2QCD with mixed actions. Physical Review D, 2011, 83, .	4.7	11
43	Intersectionality, power, and relational safety in context: Key concepts in clinical supervision.. Training and Education in Professional Psychology, 2010, 4, 29-35.	1.2	72
44	Mental health professionals' adaptive responses to racial microaggressions: An exploratory study.. Professional Psychology: Research and Practice, 2010, 41, 202-209.	1.0	49
45	Heavy-light mesons in the Ïµ-regime. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
46	Decolonizing Academia: Intersectionality, Participation, and Accountability in Family Therapy and Counseling. Journal of Feminist Family Therapy, 2010, 22, 93-111.	0.3	58
47	Exploring the Impact of Trauma on Therapists: Vicarious Resilience and Related Concepts in Training. Journal of Systemic Therapies: J S T, 2010, 29, 67-83.	0.2	54
48	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	20.1	174
49	The Cultural Context Model: How Does it Facilitate Couplesâ€™ Therapeutic Change?. Journal of Marital and Family Therapy, 2009, 35, 97-110.	1.1	10
50	Listening to Ethnic Minority AAMFT Approved Supervisors: Reflections on their Experiences as Supervisees. Journal of Systemic Therapies: J S T, 2009, 28, 88-100.	0.2	25
51	India and Pakistan on the Brink: Considerations for Truth, Reconciliation, and Forgiveness. , 2009, , 207-221.		1
52	Relational Safety and Liberating Training spaces: An Application with a Focus on Sexual Orientation Issues. Journal of Marital and Family Therapy, 2008, 34, 251-264.	1.1	13
53	Vicarious resilience: A qualitative investigation into its description.. Traumatology, 2008, 14, 13-21.	2.4	55
54	Outlook: Theory. Journal of Physics: Conference Series, 2008, 136, 022056.	0.4	0

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55	Summary of Working Group One. AIP Conference Proceedings, 2008, , .	0.4	0
56	The cultural context model in clinical supervision.. Training and Education in Professional Psychology, 2008, 2, 10-17.	1.2	23
57	Transformative Family Therapy with a Lesbian Couple: A Case Study. Journal of Feminist Family Therapy, 2008, 20, 281-298.	0.3	2
58	Interweaving Ethnicity and Gender in Consultation. Journal of Family Psychotherapy, 2007, 18, 57-75.	0.5	3
59	Finite-size scaling of the left-current correlator with non-degenerate quark masses. Journal of High Energy Physics, 2007, 2007, 033-033.	4.7	14
60	Kâ†'Ï€Ï€Amplitudes from Lattice QCD with a Light Charm Quark. Physical Review Letters, 2007, 98, 082003.	7.8	16
61	Integrating Diversity Dimensions in Supervision. Clinical Supervisor, The, 2007, 25, 3-21.	1.7	16
62	Application of family therapy theory to complex social issues: using the WebQuest in family therapy training. Journal of Family Therapy, 2007, 29, 355-358.	1.0	10
63	Vicarious Resilience: A New Concept in Work With Those Who Survive Trauma. Family Process, 2007, 46, 229-241.	2.6	157
64	The WebQuest: An Illustration of Instructional Technology Implementation in MFT Training. Contemporary Family Therapy, 2007, 29, 163-175.	1.3	14
65	Non-perturbative renormalisation of leftâ€“left four-fermion operators with Neuberger fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 118-124.	4.1	8
66	Probing the chiral weak Hamiltonian at finite volumes. Journal of High Energy Physics, 2006, 2006, 069-069.	4.7	8
67	Dilemmas on Motherhood and Social Activism in Times of War. Journal of Family Psychotherapy, 2006, 16, 65-82.	0.5	1
68	Correlation functions at small quark masses with overlap fermions. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 417-419.	0.4	0
69	Critical Consciousness, Accountability, and Empowerment: Key Processes for Helping Families Heal. Family Process, 2005, 44, 105-119.	2.6	90
70	Optimal Î²-beam at the CERN-SPS. Nuclear Physics B, 2005, 725, 306-326.	2.5	84
71	Charm mass dependence of the weak Hamiltonian in chiral perturbation theory. Journal of High Energy Physics, 2004, 2004, 018-018.	4.7	8
72	Low-energy couplings of QCD from topological zero-mode wave functions. Journal of High Energy Physics, 2004, 2004, 003-003.	4.7	30

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73	Low-energy couplings of QCD from current correlators near the chiral limit. Journal of High Energy Physics, 2004, 2004, 013-013.	4.7	93
74	Non-perturbative field theory: Progress in lattice field theory. European Physical Journal C, 2004, 33, s75-s89.	3.9	0
75	Vector and axial-vector propagators in the Ïµ-Regime of QCD. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 754-756.	0.4	1
76	The Cultural Context Model in Supervision. Journal of Feminist Family Therapy, 2004, 15, 1-18.	0.3	20
77	Neutrino oscillation physics with a higher-Î³ Î²-beam. Nuclear Physics B, 2004, 695, 217-240.	2.5	108
78	Superbeam studies at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 503, 173-178.	1.6	13
79	Residual mass effects in improved domain wall fermions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 846-848.	0.4	0
80	Finite-size scaling of vector and axial current correlators. Nuclear Physics B, 2003, 656, 226-238.	2.5	43
81	Adolescent Girls in Colombia's Guerrilla. Journal of Prevention and Intervention in the Community, 2003, 26, 21-38.	0.7	17
82	Correlators of left charges and weak operators in finite volume chiral perturbation theory. Journal of High Energy Physics, 2003, 2003, 063-063.	4.7	25
83	Resilience in Families and Communities: Latin American Contributions from the Psychology of Liberation. Family Journal, 2002, 10, 334-343.	1.2	48
84	Trauma in war and political persecution: Expanding the concept.. American Journal of Orthopsychiatry, 2002, 72, 16-25.	1.5	31
85	Finite-size scaling of meson propagators. Nuclear Physics B, 2002, 629, 445-478.	2.5	57
86	Superbeams plus neutrino factory: the golden path to leptonic CP violation. Nuclear Physics B, 2002, 646, 301-320.	2.5	92
87	Ginsparg-Wilson fermions: practical aspects and applications. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 80-85.	0.4	12
88	Scalar condensate and light quark masses from overlap fermions. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 766-771.	0.4	22
89	Neutrino oscillation physics at a Î½ factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 811-818.	1.6	1
90	Finite-volume meson propagators in quenched chiral perturbation theory. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 772-774.	0.4	1

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91	Trauma in war and political persecution: expanding the concept. American Journal of Orthopsychiatry, 2002, 72, 16-25.	1.5	9
92	On the measurement of leptonic CP violation. Nuclear Physics B, 2001, 608, 301-318.	2.5	246
93	Summary of Working Group I at NuFactâ€™00 Neutrino oscillation physics at a neutrino factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 472, 395-402.	1.6	1
94	Non-perturbative renormalization of the quark condensate in Ginsparg-Wilson regularizations. Journal of High Energy Physics, 2001, 2001, 018-018.	4.7	52
95	Neutrino oscillation physics with a neutrino factory. Nuclear Physics, Section B, Proceedings Supplements, 2000, 81, 167-173.	0.4	2
96	Four species neutrino oscillations at Î½-Factory: sensitivity and CP-violation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 58-68.	1.6	17
97	Beam and experiments: summary. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 102-122.	1.6	41
98	Neutrino mixing and CP-violation. Nuclear Physics B, 2000, 574, 23-42.	2.5	87
99	Golden measurements at a neutrino factory. Nuclear Physics B, 2000, 579, 17-55.	2.5	428
100	A Numerical Treatment of Neubergerâ€™s Lattice Dirac Operator. Lecture Notes in Computational Science and Engineering, 2000, , 29-39.	0.3	6
101	Chiral symmetry breaking from Ginsparg-Wilson fermions. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 633-635.	0.4	4
102	Finite-size scaling of the quark condensate in quenched lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 198-204.	4.1	72
103	Neutrino oscillation physics with a neutrino factory. Nuclear Physics B, 1999, 547, 21-38.	2.5	262
104	Locality properties of Neuberger's lattice Dirac operator. Nuclear Physics B, 1999, 552, 363-378.	2.5	310
105	A Wilson-Yukawa model with a chiral spectrum in 2D. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 608-610.	0.4	0
106	Quenched spectroscopy for the N = 1 Super-Yang-Mills theory. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 718-720.	0.4	2
107	A Wilson-Yukawa Model with undoubled chiral fermions in 2D. Nuclear Physics B, 1998, 513, 593-626.	2.5	7
108	Towards N = 1 super-Yang-Mills on the lattice. Nuclear Physics B, 1998, 523, 529-552.	2.5	44

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109	The index theorem on the lattice with improved fermion actions. Nuclear Physics B, 1998, 536, 345-362.	2.5	9
110	Neutral heavy leptons and electroweak baryogenesis. Nuclear Physics B, 1997, 495, 57-80.	2.5	11
111	A new lattice action for studying topological charge. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 564-566.	0.4	0
112	Lattice chiral gauge theories with finely-grained fermions. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 655-657.	0.4	0
113	Interpolation of non-abelian lattice gauge fields. Nuclear Physics B, 1996, 472, 334-346.	2.5	16
114	A new lattice action for studying topological charge. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 254-260.	4.1	3
115	Finding Ways to Attend to and Talk About Family Therapy and Feminism from "Non-Mainstream" Paths. Journal of Feminist Family Therapy, 1996, 8, 37-52.	0.3	1
116	A lattice construction of chiral gauge theories. Nuclear Physics B, 1995, 455, 287-319.	2.5	41
117	Standard model CP-violation and baryon asymmetry (II). Finite temperature. Nuclear Physics B, 1994, 430, 382-426.	2.5	300
118	Semi-leptonic decays of heavy flavours on a fine grained lattice. Nuclear Physics B, 1994, 416, 675-695.	2.5	79
119	One-loop effects of non-standard triple gauge boson vertices. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 116-127.	4.1	42
120	The self-couplings of vector bosons: does LEP-1 obviate LEP-2?. Nuclear Physics B, 1992, 384, 3-58.	2.5	222