

Orlando Panella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9222425/publications.pdf>

Version: 2024-02-01

59
papers

809
citations

567281

15
h-index

526287

27
g-index

60
all docs

60
docs citations

60
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited lepton triplet contribution to electroweak observables at one loop level. European Physical Journal C, 2021, 81, 1.	3.9	1
2	Thermodynamics of quantum phase transitions of a Dirac oscillator in a homogenous magnetic field. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 185204.	2.1	9
3	Phenomenology at the LHC of composite particles from strongly interacting Standard Model fermions via four-fermion operators of NJL type. European Physical Journal C, 2020, 80, 1.	3.9	7
4	Angular momentum quantum backflow in the noncommutative plane. Physical Review A, 2020, 102, .	2.5	6
5	Perturbative unitarity bounds for effective composite models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 644-649.	4.1	9
6	Casimir-Polder interactions with massive photons: Implications for BSM physics. Physical Review D, 2019, 100, .	4.7	6
7	Quantization of nonlocal fractional field theories via the extension problem. Physical Review D, 2019, 100, .	4.7	7
8	Unparticle Casimir effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 675-680.	4.1	12
9	Solutions of the Bogoliubov-de Gennes equation with position dependent Fermi-velocity and gap profiles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 713-719.	2.1	2
10	Production of exotic composite quarks at the LHC. Physical Review D, 2017, 96, .	4.7	8
11	Leptogenesis and composite heavy neutrinos with gauge-mediated interactions. European Physical Journal C, 2017, 77, 1.	3.9	5
12	Hunting for heavy composite Majorana neutrinos at the LHC. European Physical Journal C, 2016, 76, 1.	3.9	20
13	Re-entrant phase transitions in non-commutative quantum mechanics. Journal of Physics: Conference Series, 2016, 670, 012040.	0.4	4
14	Exotic leptons at future linear colliders. Physical Review D, 2015, 92, .	4.7	14
15	Quantum phase transitions of the Dirac oscillator in the anti-Snyder model. Physical Review D, 2015, 92, .	4.7	7
16	Quantum phase transitions of the Dirac oscillator in a minimal length scenario. Physical Review D, 2015, 91, .	4.7	18
17	Doubly charged heavy leptons at LHC via contact interactions. Physical Review D, 2014, 90, .	4.7	20
18	Quantum phase transitions in the noncommutative Dirac oscillator. Physical Review A, 2014, 90, .	2.5	27

#	ARTICLE	IF	CITATIONS
19	Pseudo Hermitian Interactions in the Dirac Equation. Symmetry, 2014, 6, 103-110.	2.2	4
20	Pseudo-Hermitian generalized Dirac oscillators. Annals of Physics, 2013, 331, 120-126.	2.8	17
21	Exact solutions of the (2+1) dimensional Dirac equation in a constant magnetic field in the presence of a minimal length. Physical Review D, 2013, 87, .	4.7	67
22	Probing dark matter and constrained MSSM with same-sign dilepton searches at the LHC. Physical Review D, 2012, 86, .	4.7	2
23	Casimir effect in minimal length theories based on a generalized uncertainty principle. Physical Review D, 2012, 85, .	4.7	59
24	Phenomenology of excited doubly charged heavy leptons at the LHC. Physical Review D, 2012, 85, .	4.7	30
25	Bound state in continuum-like solutions in one-dimensional heterostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2580-2583.	2.1	14
26	Internal bremsstrahlung in neutralino annihilation: revised impact on indirect detection from $\tilde{\chi}^0$ -rays. Journal of Physics: Conference Series, 2011, 315, 012018.	0.4	0
27	Neutralino dark matter and Higgs mediated lepton flavor violation in the minimal supersymmetric standard model. Physical Review D, 2010, 81, .	4.7	6
28	Electric dipole moments and polarizability in the quark-diquark model of the neutron. Physical Review D, 2010, 82, .	4.7	2
29	Impact of internal bremsstrahlung on the detection of $\tilde{\chi}^0$ rays from neutralinos. Physical Review D, 2010, 81, .	4.7	15
30	Threshold production of metastable bound states of Kaluza-Klein excitations in universal extra dimensions. Physical Review D, 2010, 81, .	4.7	3
31	Supersymmetric Higgs mediated lepton flavor violation at a photon collider. Physical Review D, 2009, 79, .	4.7	7
32	INSTABILITY OF THE PERTURBATION THEORETICAL CHROMODYNAMIC VACUUM. International Journal of Modern Physics A, 2009, 24, 1097-1103.	1.5	1
33	Charge asymmetries in $\tilde{\chi}^0$ decays ($\tilde{\chi}^0 \rightarrow \gamma + \tilde{l} + \tilde{l}^*$) with polarized photons in the standard model. Physical Review D, 2008, 78, .	4.7	0
34	Casimir-Polder intermolecular forces in minimal length theories. Physical Review D, 2007, 76, .	4.7	27
35	Acquisition of Information is achieved by the Measurement Process in Classical and Quantum Physics. AIP Conference Proceedings, 2007, , .	0.4	1
36	KLEIN PARADOX FOR OPTICAL SCATTERING FROM EXCITED TARGETS. International Journal of Modern Physics A, 2006, 21, 3279-3288.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Two-time correlation functions: stochastic and conventional quantum mechanics. European Physical Journal B, 2005, 48, 233-242.	1.5	2
38	Publisher's Note: Testing supersymmetric models of lepton flavor violation at a photon collider [Phys. Rev. D72, 115004 (2005)]. Physical Review D, 2005, 72, .	4.7	5
39	Publisher's Note: Sleptonium at the linear collider and the slepton co-next-to-lightest supersymmetric particle scenario in gauge mediated symmetry breaking models [Phys. Rev. D72, 015005 (2005)]. Physical Review D, 2005, 72, .	4.7	2
40	Testing supersymmetric models of lepton flavor violation at a photon collider. Physical Review D, 2005, 72, .	4.7	9
41	Sleptonium at the linear collider and the slepton co-next-to-lightest supersymmetric particle scenario in gauge mediated symmetry breaking models. Physical Review D, 2005, 72, .	4.7	4
42	Charge asymmetries in with polarized photons. Nuclear Physics, Section B, Proceedings Supplements, 2004, 126, 354-359.	0.4	1
43	On the heavy Majorana neutrino and light sneutrino contribution to $\sigma(e^+e^- \rightarrow \ell^+\ell^-)$, ($\ell = e, \mu, \tau$) [ETQq1 1 0.784314 rgBT / Overlock 3.9 3]	3.9	3
44	Lepton flavor violation in $e^+e^- \rightarrow \ell^+\ell^-$ ($\ell = e, \mu, \tau$) induced by R-conserving supersymmetry. Physical Review D, 2003, 68, .	4.7	14
45	Signals of heavy Majorana neutrinos at hadron colliders. Physical Review D, 2002, 65, .	4.7	76
46	Sneutrino-induced like sign dilepton signal with conserved R-parity. Physical Review D, 2001, 64, .	4.7	5
47	Probing intermediate mass Higgs interactions at the CERN large hadron collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 199-207.	4.1	18
48	Collider signatures of sneutrino cold dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 262-268.	4.1	12
49	Production of like sign dileptons in $p\bar{p}$ collisions through composite Majorana neutrinos. Physical Review D, 2000, 62, .	4.7	11
50	Neutrinoless double $\hat{\nu}^2$ decay with composite neutrinos. Physical Review D, 1997, 56, 5766-5775.	4.7	16
51	New physics potential with a neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 409, 299-304.	4.1	2
52	Double beta decay in left-right symmetric models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 7-12.	4.1	146
53	Bounds on compositeness from neutrinoless double $\hat{\nu}^2$ decay. Physical Review D, 1995, 52, 5308-5313.	4.7	10
54	Azimuthal correlations in photon-photon collisions. Physical Review D, 1995, 52, 4920-4928.	4.7	2

#	ARTICLE	IF	CITATIONS
55	Casimir effects in gravitational interactions. <i>Physical Review D</i> , 1994, 49, 917-922.	4.7	5
56	Excited quark production at polarized hadronic colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 316, 368-372.	4.1	2
57	Single top production at LEP II. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 318, 241-248.	4.1	15
58	Compact lattice QED and the Coulomb potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 298, 405-408.	4.1	1
59	Casimir effects for charged particles. <i>Physical Review B</i> , 1990, 42, 9790-9793.	3.2	6