

# Orlando Panella

## List of Publications by Year in descending order

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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	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
2	Signals of heavy Majorana neutrinos at hadron colliders. Physical Review D, 2002, 65, .	4.7	76
3	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
4	Casimir effect in minimal length theories based on a generalized uncertainty principle. Physical Review D, 2012, 85, .	4.7	59
5	Phenomenology of excited doubly charged heavy leptons at the LHC. Physical Review D, 2012, 85, .	4.7	30
6	Casimir-Polder intermolecular forces in minimal length theories. Physical Review D, 2007, 76, .	4.7	27
7	Quantum phase transitions in the noncommutative Dirac oscillator. Physical Review A, 2014, 90, .	2.5	27
8	Doubly charged heavy leptons at LHC via contact interactions. Physical Review D, 2014, 90, .	4.7	20
9	Hunting for heavy composite Majorana neutrinos at the LHC. European Physical Journal C, 2016, 76, 1.	3.9	20
10	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
11	Quantum phase transitions of the Dirac oscillator in a minimal length scenario. Physical Review D, 2015, 91, .	4.7	18
12	Pseudo-Hermitian generalized Dirac oscillators. Annals of Physics, 2013, 331, 120-126.	2.8	17
13	Neutrinoless double $\hat{I}^2$ decay with composite neutrinos. Physical Review D, 1997, 56, 5766-5775.	4.7	16
14	Single top production at LEP II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 241-248.	4.1	15
15	Impact of internal bremsstrahlung on the detection of $\hat{I}^3$ rays from neutralinos. Physical Review D, 2010, 81, .	4.7	15
16	Lepton flavor violation in $e^+e^- \rightarrow \hat{I}^+ \hat{I}^- (l = \hat{I}^1/4, \hat{I}^2, \dots)$ induced by R-conserving supersymmetry. Physical Review D, 2003, 68, .	4.7	14
17	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
18	Exotic leptons at future linear colliders. Physical Review D, 2015, 92, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Collider signatures of sneutrino cold dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 262-268.	4.1	12
20	Unparticle Casimir effect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 675-680.	4.1	12
21	Production of like sign dileptons in $p\bar{p}$ collisions through composite Majorana neutrinos. <i>Physical Review D</i> , 2000, 62, .	4.7	11
22	Bounds on compositeness from neutrinoless double $\hat{1}^2$ decay. <i>Physical Review D</i> , 1995, 52, 5308-5313.	4.7	10
23	Testing supersymmetric models of lepton flavor violation at a photon collider. <i>Physical Review D</i> , 2005, 72, .	4.7	9
24	Perturbative unitarity bounds for effective composite models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 644-649.	4.1	9
25	Thermodynamics of quantum phase transitions of a Dirac oscillator in a homogenous magnetic field. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 185204.	2.1	9
26	Production of exotic composite quarks at the LHC. <i>Physical Review D</i> , 2017, 96, .	4.7	8
27	Supersymmetric Higgs mediated lepton flavor violation at a photon collider. <i>Physical Review D</i> , 2009, 79, .	4.7	7
28	Quantum phase transitions of the Dirac oscillator in the anti-Snyder model. <i>Physical Review D</i> , 2015, 92, .	4.7	7
29	Quantization of nonlocal fractional field theories via the extension problem. <i>Physical Review D</i> , 2019, 100, .	4.7	7
30	Phenomenology at the LHC of composite particles from strongly interacting Standard Model fermions via four-fermion operators of NJL type. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	7
31	Casimir effects for charged particles. <i>Physical Review B</i> , 1990, 42, 9790-9793.	3.2	6
32	Neutralino dark matter and Higgs mediated lepton flavor violation in the minimal supersymmetric standard model. <i>Physical Review D</i> , 2010, 81, .	4.7	6
33	Casimir-Polder interactions with massive photons: Implications for BSM physics. <i>Physical Review D</i> , 2019, 100, .	4.7	6
34	Angular momentum quantum backflow in the noncommutative plane. <i>Physical Review A</i> , 2020, 102, .	2.5	6
35	Casimir effects in gravitational interactions. <i>Physical Review D</i> , 1994, 49, 917-922.	4.7	5
36	Sneutrino-induced like sign dilepton signal with conserved R-parity. <i>Physical Review D</i> , 2001, 64, .	4.7	5

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37	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
38	Leptogenesis and composite heavy neutrinos with gauge-mediated interactions. European Physical Journal C, 2017, 77, 1.	3.9	5
39	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
40	Pseudo Hermitian Interactions in the Dirac Equation. Symmetry, 2014, 6, 103-110.	2.2	4
41	Re-entrant phase transitions in non-commutative quantum mechanics. Journal of Physics: Conference Series, 2016, 670, 012040.	0.4	4
42	On the heavy Majorana neutrino and light sneutrino contribution to $\langle \sigma_{\text{ann}} \rangle_{\text{rel}}$ , ( $\sigma_{\text{ann}} = \text{Tj ETQq0 0 0 rgBT/Qverlock}_3 10 \text{Tf } 50 \text{ } 5$ )	3.9	3
43	Threshold production of metastable bound states of Kaluza-Klein excitations in universal extra dimensions. Physical Review D, 2010, 81, .	4.7	3
44	Excited quark production at polarized hadronic colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 368-372.	4.1	2
45	Azimuthal correlations in photon-photon collisions. Physical Review D, 1995, 52, 4920-4928.	4.7	2
46	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
47	Two-time correlation functions: stochastic and conventional quantum mechanics. European Physical Journal B, 2005, 48, 233-242.	1.5	2
48	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
49	KLEIN PARADOX FOR OPTICAL SCATTERING FROM EXCITED TARGETS. International Journal of Modern Physics A, 2006, 21, 3279-3288.	1.5	2
50	Electric dipole moments and polarizability in the quark-diquark model of the neutron. Physical Review D, 2010, 82, .	4.7	2
51	Probing dark matter and constrained MSSM with same-sign dilepton searches at the LHC. Physical Review D, 2012, 86, .	4.7	2
52	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
53	Compact lattice QED and the Coulomb potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 405-408.	4.1	1
54	Charge asymmetries in with polarized photons. Nuclear Physics, Section B, Proceedings Supplements, 2004, 126, 354-359.	0.4	1

