

Oscar J Ñboli

List of Publications by Year in descending order

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141
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#	ARTICLE	IF	CITATIONS
1	Electroweak legacy of the LHC run II. <i>Physical Review D</i> , 2022, 105, .	4.7	25
2	Electroweak Higgs effective field theory after LHC run 2. <i>Physical Review D</i> , 2022, 105, .	4.7	4
3	Some Problems with the Dirac Delta Function: Divergent Series in Physics. <i>Brazilian Journal of Physics</i> , 2021, 51, 1324-1332.	1.4	4
4	Unitarity constraints on ALP interactions. <i>Physical Review D</i> , 2021, 104, .	4.7	9
5	Unitarity constraints on anomalous quartic couplings. <i>Physical Review D</i> , 2020, 101, .	4.7	27
6	Impact of fermionic operators on the Higgs boson width measurement. <i>Physical Review D</i> , 2020, 102, .	4.7	0
7	Light-quark dipole operators at the LHC. <i>Physical Review D</i> , 2019, 100, .	4.7	6
8	Indirect and monojet constraints on scalar leptoquarks. <i>Physical Review D</i> , 2019, 99, .	4.7	27
9	Electroweak sector under scrutiny: A combined analysis of LHC and electroweak precision data. <i>Physical Review D</i> , 2019, 99, .	4.7	59
10	Interplay of the LHC and non-LHC dark matter searches in the effective field theory approach. <i>Physical Review D</i> , 2019, 99, .	4.7	27
11	Effect of fermionic operators on the gauge legacy of the LHC Run I. <i>Physical Review D</i> , 2018, 98, .	4.7	19
12	Unitarity constraints on dimension-six operators. II. Including fermionic operators. <i>Physical Review D</i> , 2017, 96, .	4.7	34
13	LHC Run I bounds on minimal lepton flavour violation in Type-III see-saw: a case study. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	4
14	Signals of two universal extra dimensions at the LHC. <i>Physical Review D</i> , 2016, 94, .	4.7	7
15	The gauge-Higgs legacy of the LHC Run I. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	107
16	Inverse amplitude method for the perturbative electroweak symmetry breaking sector: The singlet Higgs portal as a study case. <i>Physical Review D</i> , 2016, 93, .	4.7	18
17	Classifying the bosonic quartic couplings. <i>Physical Review D</i> , 2016, 93, .	4.7	48
18	The Higgs legacy of the LHC Run I. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	100

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19	Unitarity constraints on dimension-six operators. <i>Physical Review D</i> , 2015, 91, .	4.7	40
20	Higgs ultraviolet softening. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	35
21	Disentangling a dynamical Higgs. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	108
22	Determining Triple Gauge Boson Couplings from Higgs Data. <i>Physical Review Letters</i> , 2013, 111, 011801.	7.8	84
23	Robust determination of the Higgs couplings: Power to the data. <i>Physical Review D</i> , 2013, 87, .	4.7	108
24	Probing neutralino properties in minimal supergravity with bilinear R -parity violation. <i>Physical Review D</i> , 2012, 86, .	4.7	13
25	Constraining anomalous Higgs boson interactions. <i>Physical Review D</i> , 2012, 86, .	4.7	92
26	Present bounds on new neutral vector resonances from electroweak gauge boson pair production at the LHC. <i>Physical Review D</i> , 2012, 85, .	4.7	7
27	A rationale for long-lived quarks and leptons at the LHC: low energy flavour theory. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	2
28	CP asymmetries in the supersymmetric trilepton signal at the LHC. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	6
29	Neutrino masses at LHC: minimal lepton flavour violation in Type-III see-saw. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	25
30	Determination of the spin of new resonances in electroweak gauge boson pair production at the LHC. <i>Physical Review D</i> , 2011, 83, .	4.7	10
31	Scrutinizing the ZW^+W^- vertex at the Large Hadron Collider at 7 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 692, 20-25.	4.1	11
32	Probing neutrino oscillations in supersymmetric models at the Large Hadron Collider. <i>Physical Review D</i> , 2010, 82, .	4.7	14
33	Finding the Higgs boson through supersymmetry. <i>Physical Review D</i> , 2009, 80, .	4.7	4
34	Deciphering the spin of new resonances in Higgsless models. <i>Physical Review D</i> , 2009, 79, .	4.7	8
35	Searching supersymmetry at the LHCb with displaced vertices. <i>Physical Review D</i> , 2009, 79, .	4.7	11
36	Signals for new spin-1 resonances in electroweak gauge boson pair production at the LHC. <i>Physical Review D</i> , 2009, 80, .	4.7	17

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37	Strongly coupled fourth generation at the LHC. Physical Review D, 2009, 79, .	4.7	28
38	Collider aspects of flavor physics at high Q. Advances in the Physics of Particles and Nuclei, 2009, , 171-295.	0.1	0
39	Collider aspects of flavor physics at high Q. European Physical Journal C, 2008, 57, 183-307.	3.9	59
40	CERN LHC signals for a neutrino mass model with bilinear R-parity violating minimal anomaly mediated supersymmetry. Physical Review D, 2008, 77, .	4.7	11
41	Probing bilinear R-parity violating supergravity at the LHC. Journal of High Energy Physics, 2008, 2008, 048-048.	4.7	49
42	Spins in Gluino Decays. AIP Conference Proceedings, 2007, , .	0.4	2
43	Unravelling the sbottom spin at the CERN LHC. Physical Review D, 2007, 75, .	4.7	20
44	Signal for an Extra-Dimensional Model of Flavor at the Large Hadron Collider. Physical Review Letters, 2007, 98, 131601.	7.8	20
45	Neutrinos in Anomaly Mediated Supersymmetry Breaking with R-parity Violation. , 2007, , .		0
46	$pp \rightarrow j\bar{j}e^{\pm}\gamma$ and $pp \rightarrow j\bar{j}e^{\pm}\gamma$ at $O(\epsilon^6)$ and $O(\epsilon^4)$ for the study of the quartic electroweak gauge boson vertex at CERN LHC. Physical Review D, 2006, 74, .	4.7	111
47	It is a gluino. Physical Review D, 2006, 74, .	4.7	52
48	Multi-photon signatures at the Fermilab Tevatron. European Physical Journal C, 2006, 48, 147.	3.9	17
49	Neutrinos in anomaly mediated supersymmetry breaking with R-parity violation. Physical Review D, 2005, 71, .	4.7	5
50	Probing neutrino mass with displaced vertices at the Fermilab Tevatron. Physical Review D, 2005, 71, .	4.7	20
51	Probing trilinear gauge boson interactions via single electroweak gauge boson production at the CERN LHC. Physical Review D, 2004, 70, .	4.7	3
52	Bosonic quartic couplings at CERN LHC. Physical Review D, 2004, 69, .	4.7	61
53	Robust CERN LHC Higgs boson search in weak boson fusion. Physical Review D, 2004, 69, .	4.7	9
54	Stop-lepton associated production at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 558, 165-172.	4.1	24

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55	Testing color evaporation in photon-photon production of $f\bar{f}$ at CERN LEP II. <i>Physical Review D</i> , 2003, 68, .	4.7	3
56	Color evaporation description of inelastic photoproduction of $f\bar{f}$ at DESY HERA. <i>Physical Review D</i> , 2003, 67, .	4.7	12
57	Probing neutrino mass with multilepton production at the Tevatron in the simplest R-parity violation model. <i>Journal of High Energy Physics</i> , 2003, 2003, 071-071.	4.7	11
58	Probing neutrino mass with multilepton production at the Tevatron. , 2003, , .		0
59	Excited leptons at the CERN Large Hadron Collider. <i>Physical Review D</i> , 2002, 65, .	4.7	26
60	Anomaly mediated supersymmetry breaking without R-parity. <i>Nuclear Physics B</i> , 2002, 623, 47-72.	2.5	24
61	Direct signals for large extra dimensions in the production of fermion pairs at linear colliders. <i>Physical Review D</i> , 2001, 64, .	4.7	7
62	Anomalous quartic gauge boson couplings at hadron colliders. <i>Physical Review D</i> , 2001, 63, .	4.7	54
63	Soft color enhancement of the production of $f\bar{f} + \nu\bar{\nu}$ by neutrinos. <i>Physical Review D</i> , 2001, 64, .	4.7	3
64	Probing anomalous quartic couplings in e^+e^- and $\tau^+\tau^-$ colliders. <i>Physical Review D</i> , 2001, 64, .	4.7	8
65	Bose-Einstein correlations in W-pair decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 50-64.	4.1	19
66	Observing an invisible Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 495, 147-154.	4.1	218
67	Strong interaction effects in scalar top production. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 81, 210-213.	0.4	0
68	INDIRECT CONSTRAINTS ON THE TRIPLE GAUGE BOSON COUPLINGS FROM $\sigma_{\text{had}}(e^+e^- \rightarrow b\bar{b})$ PARTIAL WIDTH: AN UPDATE. <i>Modern Physics Letters A</i> , 2000, 15, 1-7.	1.2	5
69	Diphoton signals for large extra dimensions at the Fermilab Tevatron and CERN LHC. <i>Physical Review D</i> , 2000, 61, .	4.7	30
70	Single production of leptoquarks at the Fermilab Tevatron. <i>Physical Review D</i> , 2000, 61, .	4.7	4
71	Is there new Physics around the corner?. <i>Brazilian Journal of Physics</i> , 2000, 30, .	1.4	0
72	Forward J/ψ production at the Fermilab Tevatron. <i>Physical Review D</i> , 1999, 60, .	4.7	6

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73	Color evaporation induced rapidity gaps. <i>Physical Review D</i> , 1999, 61, .	4.7	4
74	Signal and backgrounds for leptoquarks at the CERN LHC. II. Vector leptoquarks. <i>Physical Review D</i> , 1999, 59, .	4.7	4
75	Supersymmetric Higgs boson pair production at hadron colliders. <i>Physical Review D</i> , 1999, 60, .	4.7	35
76	Hunting a light $U(1)_B$ gauge boson coupled to baryon number in collider experiments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 447, 116-121.	4.1	2
77	Inelastic photoproduction at HERA: a second charmonium crisis?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 451, 241-246.	4.1	11
78	R-parity-violating signals for chargino production at LEP II. <i>Nuclear Physics B</i> , 1999, 546, 33-51.	2.5	16
79	Testing anomalous Higgs couplings in triple photon production at the Tevatron collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 435, 407-412.	4.1	12
80	Bounds on Higgs and gauge-boson interactions from LEP2 data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 434, 340-346.	4.1	22
81	Associated production of weak bosons and jets by multiple parton interactions. <i>Physical Review D</i> , 1998, 57, 1730-1734.	4.7	7
82	Tests of anomalous quartic couplings at the Next Linear Collider. <i>Physical Review D</i> , 1998, 58, .	4.7	10
83	Strongly interacting vector bosons at the CERN LHC: Quartic anomalous couplings. <i>Physical Review D</i> , 1998, 59, .	4.7	29
84	Are two gluons the QCD Pomeron?. <i>Physical Review D</i> , 1998, 58, .	4.7	8
85	Multilepton signatures for leptoquarks. <i>Physical Review D</i> , 1998, 59, .	4.7	3
86	Signal and backgrounds for leptoquarks at the CERN LHC. <i>Physical Review D</i> , 1998, 57, 1715-1729.	4.7	29
87	Signal and backgrounds for the single production of scalar and vector leptoquarks at the CERN LHC. <i>Physical Review D</i> , 1998, 58, .	4.7	11
88	Searching for invisibly decaying Higgs bosons at CERN LEP II. <i>Physical Review D</i> , 1997, 55, 1316-1325.	4.7	34
89	Signatures of spontaneous breaking of R-parity in gluino cascade decays at LHC. <i>Nuclear Physics B</i> , 1997, 502, 19-36.	2.5	22
90	Quantitative tests of color evaporation: charmonium production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 390, 323-328.	4.1	115

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91	Prompt charmonium production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 113-117.	4.1	15
92	Z physics constraints on vector leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 238-244.	4.1	8
93	Limits on anomalous top couplings from Z pole physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 75-82.	4.1	9
94	LEP sensitivities to spontaneous R-parity violating signals. Nuclear Physics B, 1996, 482, 3-23.	2.5	21
95	Colorless states in perturbative QCD: Charmonium and rapidity gaps. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 127-132.	4.1	66
96	Constraints on quartic vector-boson interactions from Z physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 375, 233-239.	4.1	23
97	Probing Higgs couplings in $e^+e^- \rightarrow \gamma^* \hat{\Gamma}^3 \hat{\Gamma}^3$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 93-99.	4.1	5
98	Excited leptonic states in polarized $e^+e^- \rightarrow \hat{\Gamma}^3$ and $e^+e^- \rightarrow \gamma^* \hat{\Gamma}^3$ collisions. Physical Review D, 1996, 53, 1253-1263.	4.7	13
99	QUANTUM EVOLUTION OF SCALAR FIELDS IN ROBERTSON-WALKER SPACE-TIME. International Journal of Modern Physics A, 1996, 11, 3957-3971.	1.5	3
100	Quartic anomalous couplings in $\hat{\Gamma}^3 \hat{\Gamma}^3$ colliders. Physical Review D, 1995, 52, 15-21.	4.7	39
101	Anomalous g_{5Z} coupling at $\hat{\Gamma}^3 \hat{\Gamma}^3$ colliders. Physical Review D, 1995, 52, 3836-3840.	4.7	0
102	Bounds on scalar leptoquarks from Z-physics. Nuclear Physics B, 1995, 443, 20-36.	2.5	32
103	Novel scalar boson decays in SUSY with broken R-parity. Nuclear Physics B, 1995, 451, 3-15.	2.5	84
104	Signals for vector leptoquarks in hadronic collisions. Physical Review D, 1994, 50, 331-336.	4.7	11
105	Identifying the Higgs boson in electron-photon collisions. Physical Review D, 1994, 49, 91-95.	4.7	15
106	Production of Z-Higgs boson pairs at photon linear colliders. Physical Review D, 1994, 50, 3546-3548.	4.7	4
107	Triple-vector-boson processes in $\hat{\Gamma}^3 \hat{\Gamma}^3$ colliders. Physical Review D, 1994, 50, 5591-5601.	4.7	6
108	Limits on associated production of visibly and invisibly decaying Higgs bosons from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 446-456.	4.1	13

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109	Ïub constraints on self-couplings of vector bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 339, 119-126.	4.1	16
110	Searching for an invisibly decaying Higgs boson in e^+e^- , $e\hat{3}$, and $\hat{3}\hat{3}$ collisions. Nuclear Physics B, 1994, 421, 65-79.	2.5	19
111	Quartic anomalous couplings in $e\hat{3}$ colliders. Nuclear Physics B, 1994, 411, 381-396.	2.5	56
112	Model-independent Higgs boson mass limits at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 240-246.	4.1	27
113	Searching for leptoquarks in electron-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 147-152.	4.1	29
114	Deciphering the quark-gluon structure of the photon in $e\hat{3}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 115-120.	4.1	8
115	Threshold effects on heavy quark production in $\hat{3}\hat{3}$ interactions. Physical Review D, 1993, 47, 1889-1899.	4.7	61
116	Measuring the $\hat{3}\hat{3}$ coupling of the Higgs boson at linear colliders. Physical Review D, 1993, 48, 1430-1432.	4.7	24
117	Composite vector leptoquarks in e^+e^- , $\hat{3}e$, and $\hat{3}\hat{3}$ colliders. Physical Review D, 1993, 47, 837-843.	4.7	47
118	Heavy-lepton production in the minimal supersymmetric standard model. Physical Review D, 1992, 46, 181-186.	4.7	6
119	Anomalous contributions to $95-195-195-1$ at high energies. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 95-100.	1.5	0
120	New Higgs signatures in supersymmetry with spontaneous broken R parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 329-336.	4.1	53
121	Isosinglet neutral heavy lepton production in high energy $e\hat{3}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 280, 313-318.	4.1	7
122	Bounds on effective interactions from the reaction $e^+e^- \rightarrow \hat{3}\hat{3}$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 271, 274-276.	4.1	22
123	Nonstandard $\hat{3}\hat{3} \rightarrow l + \hat{3}$ processes in relativistic heavy-ion collisions. Physical Review D, 1991, 44, 118-126.	4.7	7
124	Quantum-field-theoretic analysis of inflation dynamics in a (2+1)-dimensional universe. Physical Review D, 1991, 44, 2335-2355.	4.7	15
125	Surface tension in field theory at finite temperature: Semiclassical fermionic plus bosonic contributions. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 457-463.	1.5	1
126	Superheavy-quarkonium decays with two Higgs doublets. Physical Review D, 1989, 39, 2668-2677.	4.7	3

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127	Renormalizability of the functional schrödinger picture in Robertson-Walker space-time. Annals of Physics, 1989, 193, 102-141.	2.8	25
128	Composite leptoquarks in hadronic colliders. Physical Review D, 1988, 38, 3461-3466.	4.7	35
129	Supersymmetric-charged-Higgs-boson production at the Superconducting Super Collider. Physical Review D, 1988, 37, 837-839.	4.7	1
130	Quantum fields out of thermal equilibrium. Physical Review D, 1988, 37, 3557-3581.	4.7	125

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