

# Zbigniew was

## List of Publications by Year in descending order

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114  
papers

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citations

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all docs

117  
docs citations

117  
times ranked

6752  
citing authors



#	ARTICLE	IF	CITATIONS
19	Potential for optimizing the Higgs boson $\gamma\gamma$ measurement in $C\bar{C}$ decays at the LHC including machine learning techniques. Physical Review D, 2016, 94, .	0.2	0
20	Separating electroweak and strong interactions in Drell-Yan processes at LHC: leptons angular distributions and reference frames. European Physical Journal C, 2016, 76, 1.	1.6	12
21	Study of variants for Monte Carlo generators of $B \rightarrow \pi \ell \ell$ , $B \rightarrow \pi \ell \ell$ decays. European Physical Journal C, 2015, 75, 1.	1.4	10
22	The $\tilde{L}$ , leptons theory and experimental data: Monte Carlo, fits, software and systematic errors. Nuclear and Particle Physics Proceedings, 2015, 260, 47-51.	0.2	3
23	Application of TauSpinner for Studies on $B \rightarrow \ell \ell$ Lepton Polarization and Spin Correlations in $B \rightarrow \ell \ell$ and $B \rightarrow \ell \ell$ Decays at the LHC. Acta Physica Polonica B, 2014, 45, 1921.	0.3	15
24	RChL currents in Tauola: implementation and fit parameters. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 73-76.	0.5	3
25	TauSpinner: a tool for simulating CP effects in $B \rightarrow \ell \ell$ , $B \rightarrow \ell \ell$ decays at LHC. European Physical Journal C, 2014, 74, 1.	1.4	14
26	QED bremsstrahlung in decays of electroweak bosons. European Physical Journal C, 2013, 73, 1.	1.4	15
27	Observable $B \rightarrow \ell \ell$ decays at hadron colliders. European Physical Journal C, 2013, 73, 1.	1.5	4
28	Ascertaining the spin for new resonances decaying into $B \rightarrow \ell \ell$ at hadron colliders. European Physical Journal C, 2013, 73, 1.	1.4	23
29	Title is missing!. Acta Physica Polonica B, 2013, 44, 1645.	0.3	0
30	Resonance chiral Lagrangian currents and experimental data for $B \rightarrow \ell \ell$ decays at the LHC and muon colliders. Physical Review D, 2013, 88, .	1.0	61
31	MC generator TAUOLA: Implementation of resonance chiral theory for two and three meson modes. Comparison with experiment. , 2012, , .		3
32	Theoretical inputs and errors in the new hadronic currents in TAUOLA. , 2012, , .		4
33	New hadronic currents in TAUOLA: for confrontation with the experimental data. Nuclear Physics, Section B, Proceedings Supplements, 2012, 225-227, 190-194.	0.5	0



#	ARTICLE	IF	CITATIONS
55	PHOTOS Monte Carlo: a precision tool for QED corrections in Z and W decays. European Physical Journal C, 2006, 45, 97-107.	1.4	798
56	TAUOLA as tau Monte Carlo for future applications. Nuclear Physics, Section B, Proceedings Supplements, 2005, 144, 88-94.	0.5	27
57	Gauge invariance, infrared/collinear singularities and tree level matrix element for $e^+ + e^- \rightarrow u_e \bar{u}_e \gamma \gamma$ . European Physical Journal C, 2005, 44, 489-503.	1.4	9
58	NEW RESULTS ON PRECISION STUDIES OF HEAVY VECTOR BOSON PHYSICS. International Journal of Modern Physics A, 2005, 20, 3258-3262.	0.5	4
59	CP violation in decays. Nuclear Physics B, 2005, 713, 555-574.	0.9	9
60	MC-TESTER: a universal tool for comparisons of Monte Carlo predictions for particle decays in high energy physics. Computer Physics Communications, 2004, 157, 39-62.	3.0	21
61	Probing the CP nature of the Higgs boson at linear colliders with $\tilde{I}$ , spin correlations; the case of mixed scalar-pseudoscalar couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 579, 157-164.	1.5	47
62	Why do we need higher-order fully exclusive Monte Carlo generator for Higgs boson production from heavy quark fusion at LHC?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 125-134.	1.5	5
63	Electric charge screening effect in single-W production with the KoralW Monte Carlo. European Physical Journal C, 2003, 27, 19-32.	1.4	5
64	Measuring the Higgs boson parity at a Linear Collider using $\sigma_{\text{au}}$ impact parameter and $\sigma_{\text{au}} \rightarrow h \rightarrow u\bar{u}$ decay. European Physical Journal C, 2003, 29, 491-496.	1.4	38
65	Precision calculation for $e^+e^- \rightarrow \tau^+\tau^-$ : the KK MC project. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 73-77.	0.5	63
66	Precision W-pair physics with the YFSWW3 and KoralW Monte Carlos. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 358-362.	0.5	0
67	Precision predictions for (un)stable $W+W^*$ pair production at and beyond CERN LEP2 energies. Physical Review D, 2002, 65, .	1.6	30
68	Predictions for $\sigma_{\text{ar u}} \rightarrow u \gamma$ production at LEP. European Physical Journal C, 2002, 24, 373-383.	1.4	17
69	Global positioning of spin GPS scheme for half-spin massive spinors. European Physical Journal C, 2001, 22, 423-430.	1.4	23
70	On theoretical uncertainties of the W boson mass measurement at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 117-126.	1.5	16
71	TAUOLA the library for $\tilde{I}$ , lepton decay, and KKMC/KORALB/KORALZ status report. Nuclear Physics, Section B, Proceedings Supplements, 2001, 98, 96-102.	0.5	68
72	The Monte Carlo program KoralW version 1.51 and the concurrent Monte Carlo KoralW&YFSWW3 with all background graphs and first-order corrections to W-pair production. Computer Physics Communications, 2001, 140, 475-512.	3.0	77

#	ARTICLE	IF	CITATIONS
73	Coherent exclusive exponentiation for precision Monte Carlo calculations. Physical Review D, 2001, 63, .	1.6	551
74	The precision Monte Carlo event generator for two-fermion final states in collisions. Computer Physics Communications, 2000, 130, 260-325.	3.0	769
75	Library of SM and anomalous couplings for the Monte Carlo programs. Computer Physics Communications, 2000, 124, 238-242.	3.0	5
76	Library of anomalous couplings for Monte Carlo programs. Computer Physics Communications, 2000, 124, 243-246.	3.0	1
77	The Monte Carlo program KORALZ, for the lepton or quark pair production at LEP/SLC energies From version 4.0 to version 4.04. Computer Physics Communications, 2000, 124, 233-237.	3.0	31
78	How to generate four-fermion phase space. Computer Physics Communications, 2000, 125, 8-20.	3.0	7
79	Final-state radiative effects for the exact $O(\alpha_s)$ Yennie-Frautschi-Suura exponentiated (un)stable $W+W^*$ production at and beyond CERN LEP2 energies. Physical Review D, 2000, 61, .	1.6	45
80	Coherent exclusive exponentiation CEEX: the case of the resonant $e^+e^-$ collision. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 97-108.	1.5	64
81	Initial state interference in the Z line-shape. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 254-259.	1.5	11
82	Monte Carlo program KoralW 1.42 for all four-fermion final states in $e^+e^-$ collisions. Computer Physics Communications, 1999, 119, 272-311.	3.0	80
83	Higher-order QED corrections to $e^+e^- \rightarrow e^+e^- \gamma$ at LEP2. European Physical Journal C, 1999, 6, 485-491.	1.4	5
84	Four-quark final state in $W^+W^-$ pair production: Case of signal and background. European Physical Journal C, 1998, 4, 75-84.	1.4	6
85	Exact gauge invariant YFS exponentiated Monte Carlo for (un)stable $W+W^*$ production at and beyond LEP2 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 417, 326-336.	1.5	64
86	Trefoil knot and ad-hoc classification of elementary fields in the Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 369-372.	1.5	2
87	$e^+e^-$ annihilation into hadrons at LEP2 in the presence of the anomalous DESY positron-jet event phenomenon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 281-287.	1.5	2
88	Initial state QED corrections to $W$ -pair production at LEP2/NLC Monte Carlo versus semi-analytical approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 289-298.	1.5	121
89	The present theoretical error on the Bhabha scattering cross section in the luminometry region at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 383, 238-242.	1.5	30
90	KORALB an upgrade to version 2.4. Computer Physics Communications, 1995, 85, 453-462.	3.0	85

#	ARTICLE	IF	CITATIONS
91	On the feasibility of measuring transverse spin effects in $\bar{l}_e+l_e\hat{a}$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 562-568.	1.5	4
92	Higher-order radiative corrections to low-angle Bhabha scattering: the YFS Monte Carlo approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 362-372.	1.5	35
93	PHOTOS - a universal Monte Carlo for QED radiative corrections: version 2.0. Computer Physics Communications, 1994, 79, 291-308.	3.0	593
94	The Monte Carlo program KORALZ version 4.0 for lepton or quark pair production at LEP/SLC energies. Computer Physics Communications, 1994, 79, 503-522.	3.0	340
95	How to measure the structure of the weak charged current in semileptonic b decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 168-176.	1.5	3
96	The $\bar{l}_e$ decay library TAUOLA, version 2.4. Computer Physics Communications, 1993, 76, 361-380.	3.0	562
97	Tau decays into three pseudoscalar mesons. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 445-451.	1.5	47
98	QED corrections to small angle Bhabha and quark-electron scattering. Nuclear Physics, Section B, Proceedings Supplements, 1992, 29, 258-262.	0.5	0
99	Monte Carlo program BHLUMI 2.01 for Bhabha scattering at low angles with Yennie-Frautschi-Suura exponentiation. Computer Physics Communications, 1992, 70, 305-344.	3.0	148
100	QED multiphoton corrections to Bhabha scattering at low angles. Monte Carlo solution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 253-262.	1.5	45
101	Complete standard model predictions for the muon forward-backward asymmetry at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 213-218.	1.5	9
102	Higher order QED corrections to Bhabha scattering at low angles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 260, 438-446.	1.5	46
103	Analytical $O(\hat{\pm})$ distributions for Bhabha scattering at low angles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 253, 469-477.	1.5	42
104	Photos $\hat{a}$ a universal Monte Carlo for QED radiative corrections in decays. Computer Physics Communications, 1991, 66, 115-128.	3.0	290
105	KORALB version 2.1. An upgrade with the TAUOLA library of $\bar{l}_e$ decays. Computer Physics Communications, 1991, 64, 267-274.	3.0	78
106	TAUOLA - a library of Monte Carlo programs to simulate decays of polarized $\bar{l}_e$ leptons. Computer Physics Communications, 1991, 64, 275-299.	3.0	320
107	The Monte Carlo program KORALZ, version 3.8, for the lepton or quark pair production at LEP/SLC energies. Computer Physics Communications, 1991, 66, 276-292.	3.0	174
108	High-precision improved-analytic-exponentiation results for multiple-photon effects in low-angle Bhabha scattering at the SLAC Linear Collider and the CERNe+ $\hat{a}$ collider LEP. Physical Review D, 1991, 44, 2669-2677.	1.6	9

