

# Itamar Cohen

## List of Publications by Year in descending order

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61  
papers

1,058  
citations

471061

17  
h-index

433756

31  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral detuning of relativistic surface harmonics. Physical Review Research, 2022, 4, .	1.3	2
2	Spatial control of Coherent Wake Emission through strongly varied lateral plasma expansion. , 2022, , .		0
3	Optically Switchable MeV Ion/Electron Accelerator. Applied Sciences (Switzerland), 2021, 11, 5424.	1.3	3
4	Diffraction-limited coherent wake emission. Physical Review Research, 2021, 3, .	1.3	7
5	Annular coherent wake emission. Optics Letters, 2021, 46, 4674.	1.7	3
6	Automated Delivery of Microfabricated Targets for Intense Laser Irradiation Experiments. Journal of Visualized Experiments, 2021, , .	0.2	3
7	A gatling-gun target delivery system for high-intensity laser irradiation experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 934, 58-62.	0.7	5
8	Towards direct-laser-production of relativistic surface harmonics. , 2019, , .		4
9	Catâ€™s cradle: a compact, 3D mounted, 90-ns optical delay-line for laser-electron acceleration. , 2019, , .		3
10	Precision Measurement of the $\langle \mathbb{I}^2 \rangle$ Asymmetry in Spin-Polarized $\langle \mathbb{K} \rangle$	2.9	34
11	Debiofluidynamics of lubricating bacteria. Mathematical Methods in the Applied Sciences, 2001, 24, 1429-1468.	1.2	69
12	Determination of the production rate of $D^*0$ mesons and of the ratio $V/(V+P)$ in $\$Z^0$ o car c\$\$ decays. European Physical Journal C, 1998, 5, 1-17.	1.4	8
13	A search for neutral Higgs bosons in the MSSM and models with two scalar field doublets. European Physical Journal C, 1998, 5, 19-40.	1.4	7
14	Multi-photon final states in $e+e\hat{a}^{\sim}$ collisions at $\hat{s} = 130-172$ GeV. European Physical Journal C, 1998, 1, 21-30.	1.4	5
15	Search for a massive Di-photon resonance at $\hat{s} = 91 \hat{a}^{\sim} 172$ GeV. European Physical Journal C, 1998, 1, 31-43.	1.4	7
16	Search for unstable heavy and excited leptons in $e+e\hat{a}^{\sim}$ collisions at $\hat{s} = 170-172$ GeV. European Physical Journal C, 1998, 1, 45-64.	1.4	9
17	Multi-photon final states in. European Physical Journal C, 1998, 1, 21.	1.4	5
18	Search for a massive Di-photon resonance at. European Physical Journal C, 1998, 1, 31.	1.4	5

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19	Search for unstable heavy and excited leptons in e. European Physical Journal C, 1998, 1, 45.	1.4	5
20	Determination of the production rate of. European Physical Journal C, 1998, 5, 01.	1.4	14
21	A search for neutral Higgs bosons in the MSSM and models with two scalar field doublets. European Physical Journal C, 1998, 5, 19.	1.4	11
22	A measurement of the charm and bottom forward-backward asymmetries using D mesons at LEP. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 379-395.	1.5	8
23	$\Sigma^+$ , $\Sigma^0$ and $\Sigma^-$ hyperon production in hadronic Z <sup>0</sup> decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 587-599.	1.5	20
24	QCD studies with e <sup>+</sup> e <sup>-</sup> annihilation data at 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 191-206.	1.5	78
25	Upper limit on the $\Lambda(1/2^-)$ , mass from $\Lambda(1/2^-)$ , $\Lambda(3/2^-)$ decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 231-238.		3
26	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 365-375.	1.5	8
27	A measurement of the B <sup>0</sup> d <sup>0</sup> oscillation frequency using leptons and D <sup>±</sup> mesons. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 377-388.	1.5	19
28	Multiplicity dependence of Bose-Einstein correlations in hadronic Z <sup>0</sup> decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 389-398.	1.5	24
29	Search for a narrow resonance in Z <sup>0</sup> decays into hadrons and isolated photons. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 1-10.	1.5	4
30	A study of charm hadron production in Z <sup>0</sup> → c $\bar{c}$ and Z <sup>0</sup> → b $\bar{b}$ decays at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 1-16.	1.5	38
31	A study of charm hadron production in Z → c $\bar{c}$ and Z → b $\bar{b}$ decays at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 1-16.	1.5	13
32	QCD studies with e <sup>+</sup> e <sup>-</sup> annihilation data at 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 191-206.	1.5	0
33	Upper limit on the $\Lambda(1/2^-)$ , mass from $\Lambda(1/2^-)$ , $\Lambda(3/2^-)$ decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 231-238.		0
34	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 365-375.	1.5	0
35	A measurement of the B <sup>0</sup> d <sup>0</sup> oscillation frequency using leptons and D <sup>±</sup> mesons. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 377-388.	1.5	0
36	Multiplicity dependence of Bose-Einstein correlations in hadronic Z <sup>0</sup> decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 389-398.	1.5	0

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37	Measurement of the average b-baryon lifetime and the product branching ratio $f(b \rightarrow \Lambda_b) \cdot BR(\Lambda_b \rightarrow \Lambda e^+ \nu_e)$ . Zeitschrift für Physik C-Particles and Fields, 1995, 69, 195-214.	1.5	4
38	A comparison of b and uds quark jets to gluon jets. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 543-560.	1.5	3
39	A measurement of the forward-backward asymmetry of $e^+e^- \rightarrow b\bar{b}$ by applying a jet charge algorithm to lifetime tagged events. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 365-378.	1.5	13
40	Improved measurements of the $B^0$ and $B^+$ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 379-388.	1.5	17
41	The production of neutral kaons in $Z^0$ decays and their Bose-Einstein correlations. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 389-401.	1.5	24
42	Determination of event shape distributions and $\hat{\Gamma}_{\pm} s b$ from $Z^0 \rightarrow b\bar{b}$ events at LEP. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 31-45.	1.5	6
43	Measurements of $B^0 - \bar{B}^0$ mixing, $\frac{\Gamma(Z^0 \rightarrow b\bar{b})}{\Gamma(Z^0 \rightarrow \text{hadrons})}$ and semileptonic branching ratios for b-flavoured hadrons in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 199-216.	1.5	57
44	Measurement of the average b hadron lifetime in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 217-228.	1.5	19
45	Measurement of $\frac{\Gamma(\{m Z^0 \rightarrow b\bar{b}\})}{\Gamma(\{m Z^0 \rightarrow \text{hadrons}\})}$ using leptons. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 523-539.	1.5	37
46	A determination of $\alpha_s(M_{Z^0})$ at LEP using resummed QCD calculations. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 1-19.	1.5	62
47	A study of differences between quark and gluon jets using vertex tagging of quark jets. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 387-403.	1.5	74
48	Studies of strong and electroweak interactions using final state photon emission in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 405-418.	1.5	12
49			

#	ARTICLE	IF	CITATIONS
55	Measurement of the $\tau$ lifetime. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 183-194.	1.5	17
56	The forward-backward asymmetry of $e^+e^- \rightarrow b\bar{b}$ and $e^+e^- \rightarrow c\bar{c}$ using leptons in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 19-35.	1.5	13
57	Inclusive neutral vector meson production in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 521-535.	1.5	38
58	A measurement of electron production in hadronic $Z^0$ decays and a determination of $\Gamma(Z^0 \rightarrow e^+e^-)$ . Zeitschrift für Physik C-Particles and Fields, 1992, 56, 539-554.	1.5	17
59	A global determination of $\alpha_s(M_{Z^0})$ at LEP. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 1-24.	1.5	61
60	A study of charged particle multiplicities in hadronic decays of the $Z^0$ . Zeitschrift für Physik C-Particles and Fields, 1992, 53, 539-554.	1.5	87
61	Spiral phase plasma mirror. Journal of Optics (United Kingdom), 0, , .	1.0	2