

Michael B Sivertz

List of Publications by Year in descending order

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147726

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80
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80
docs citations

80
times ranked

5578
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of dense partonic matter in relativistic nucleus-nucleus collisions at RHIC: Experimental evaluation by the PHENIX Collaboration. Nuclear Physics A, 2005, 757, 184-283.	0.6	2,520
2	Elliptic Flow of Identified Hadrons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 182301.	2.9	627
3	Measurements of the meson-photon transition form factors of light pseudoscalar mesons at large momentum transfer. Physical Review D, 1998, 57, 33-54.	1.6	440
4	Evidence for penguin-diagram decays: First observation of $B \rightarrow K^* \pi^0$. Physical Review Letters, 1993, 71, 674-678.	2.9	379
5	Midrapidity Neutral-Pion Production in Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2003, 91, 241803.	2.9	249
6	Scaling Properties of Proton and Antiproton Production in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2003, 91, 172301.	2.9	209
7	Flow Measurements via Two-Particle Azimuthal Correlations in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 212301.	2.9	163
8	Bose-Einstein Correlations of Charged Pion Pairs in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 152302.	2.9	158
9	Measurement of Single Electrons and Implications for Charm Production in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 88, 192303.	2.9	143
10	Transverse-Mass Dependence of Two-Pion Correlations in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 88, 192302.	2.9	136
11	Common Suppression Pattern of π^0 and η Mesons at High Transverse Momentum in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 202301.	2.9	117
12	Observation of the η' at the Cornell Electron Storage Ring. Physical Review Letters, 1980, 45, 222-225.	2.9	108
13	Overview of the NASA space radiation laboratory. Life Sciences in Space Research, 2016, 11, 18-23.	1.2	95
14	Observation of η' , η , and ω at the Cornell Electron Storage Ring. Physical Review Letters, 1980, 44, 1111-1114.	2.9	94
15	Measurement of charmless semileptonic decays of B mesons. Physical Review Letters, 1993, 71, 4111-4115.	2.9	92
16	Measurement of the $D^*(2010)$ branching fractions. Physical Review Letters, 1992, 69, 2041-2045.	2.9	91
17	Observation of the Lowest P-Wave B^0 -Bound States. Physical Review Letters, 1983, 51, 160-163.	2.9	76
18	Two measurements of B^0 - \bar{B}^0 mixing. Physical Review Letters, 1993, 71, 1680-1684.	2.9	76

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19	Observation of P-Wave $b\bar{b}$ -Bound States. Physical Review Letters, 1982, 49, 1612-1616.	2.9	59
20	$\Upsilon(1S) \rightarrow \Upsilon(3S)$ +noninteracting particles. Physical Review D, 1995, 51, 2053-2060.	1.6	57
21	Measurement of Υ_{cc} decays involving $\hat{\Upsilon}$ mesons. Physical Review Letters, 1992, 69, 3278-3281.	2.9	47
22	Analysis of hadronic transitions in $\Upsilon(3S)$ decays. Physical Review D, 1994, 49, 40-57.	1.6	46
23	Search for Structure in $f(e+e^- \rightarrow \text{hadrons})$ between $\sqrt{s}=10.34$ and 11.6 GeV. Physical Review Letters, 1982, 48, 906-910.	2.9	43
24	Observation of the Transition $\Upsilon(3S) \rightarrow \Upsilon(1S) + e^+e^-$. Physical Review Letters, 1981, 46, 1115-1118.	2.9	42
25	Upper limit for axion production in radiative Υ decay. Physical Review D, 1982, 26, 717-719.	1.6	41
26	Measurement of B-Meson Semileptonic Decay. Physical Review Letters, 1981, 47, 771-774.	2.9	40
27	Improved upper limit on the branching ratio $B(K_L \rightarrow \Upsilon/4 + e^+e^-)$. Physical Review Letters, 1993, 70, 1049-1052.	2.9	40
28	Evidence for $\Upsilon(3S) \rightarrow \Upsilon(1S) + b\bar{b}$ Production in the Exclusive Reaction $\Upsilon(3S) \rightarrow \Upsilon(1S) + b\bar{b}$ ($\Upsilon(3S) \rightarrow \Upsilon(1S) + b\bar{b}$). Physical Review Letters, 1982, 49, 1612-1616.	2.9	39
29	Evidence for a Long-Range Component in the Pion Emission Source in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 132301.	2.9	36
30	Tau decays with one charged particle plus multiple Υ 's. Physical Review Letters, 1993, 70, 1207-1211.	2.9	34
31	Measurement of Cabibbo-Suppressed Decays of the Υ_{cc} Lepton. Physical Review Letters, 1994, 73, 1079-1083.	2.9	32
32	Lepton asymmetry measurements in $B^0 \rightarrow D^* l^+ l^-$ and implications for V-A and the form factors. Physical Review D, 1993, 47, 791-798.	1.6	31
33	Measurement of the ratios $\text{scrB}(D \rightarrow \Upsilon(1S) + l^+ l^-) / \text{scrB}(D \rightarrow K^0 + l^+ l^-)$. Physical Review Letters, 1993, 71, 1311-1315.	2.9	31
34	Limit on the tau neutrino mass. Physical Review Letters, 1993, 70, 3700-3704.	2.9	30
35	Experimental tests of lepton universality in Υ_{cc} decay. Physical Review D, 1997, 55, 2559-2576.	1.6	30
36	Isospin mass splittings from precision measurements of $D^* - D$ mass differences. Physical Review Letters, 1992, 69, 2046-2049.	2.9	29

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37	Measurement of the decay $\bar{D}_s^+ \rightarrow \bar{D}_s^+ \bar{K}^0 K^+$. Physical Review Letters, 1993, 71, 1791-1795.	2.9	28
38	Measurement of the $D^+ \rightarrow \bar{K}^0 K^+$ branching fractions. Physical Review Letters, 1993, 71, 1973-1977.	2.9	27
39	Two-photon production of charged pion and kaon pairs. Physical Review D, 1994, 50, 3027-3037.	1.6	27
40	Measurement of the direct photon spectrum in $\bar{B}^0(1S)$ decays. Physical Review D, 1997, 55, 5273-5281.	1.6	27
41	Study of the decays $\bar{B}_c^+ \rightarrow \bar{K}^0 K^+ K^+$, $\bar{B}_c^+ \rightarrow \bar{K}^0 K^+ K^0$, and $\bar{B}_c^+ \rightarrow \bar{K}^0 K^+ K^+$. Physical Review Letters, 1993, 71, 2391-2395.	2.9	26
42	Measurement of the cross section for $\bar{B}^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$. Physical Review D, 1994, 50, 5484-5490.	1.6	26
43	Measurement of the branching ratio for the decay $K_L \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 1989, 63, 2185-2188.	2.9	25
44	Shape studies of quark jets versus gluon jets at $\sqrt{s}=10\text{GeV}$. Physical Review D, 1992, 46, 4822-4827.	1.6	25
45	Search for $\bar{B}_c^+ \rightarrow \bar{K}^0 \pi^+ \pi^-$: A test of lepton number conservation. Physical Review Letters, 1993, 70, 138-142.	2.9	24
46	Study of gluon versus quark fragmentation in $\bar{B}^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ and $\bar{B}^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ events at $\sqrt{s}=10\text{ GeV}$. Physical Review D, 1997, 56, 17-22.	1.6	23
47	Search for exclusive $\bar{B}_c^+ \rightarrow \bar{K}^0 \pi^+ \pi^-$ semileptonic decays of B mesons. Physical Review Letters, 1993, 70, 2681-2685.	2.9	22
48	Measurement of two-photon production of the $\eta(548)$. Physical Review D, 1994, 50, 4265-4271.	1.6	21
49	Search for Neutrinoless Decays of the Tau Lepton. Physical Review Letters, 1994, 73, 1890-1894.	2.9	21
50	Higher-statistics measurement of the branching ratio for the decay $K_L \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 1991, 44, R1-R5.	1.6	20
51	Limit on the Two-Photon Production of the Glueball Candidate $f_0(2220)$ at the Cornell Electron Storage Ring. Physical Review Letters, 1997, 79, 3829-3833.	2.9	20
52	Measurement of the branching ratio for the rare decay $K_L \rightarrow \pi^+ \pi^- \pi^0$. Physical Review D, 1995, 51, 985-1013.	1.6	19
53	New experimental limits on $K_L \rightarrow \pi^+ \pi^- \pi^0$ and $K_L \rightarrow \pi^+ \pi^- \pi^0$ branching ratios. Physical Review Letters, 1989, 63, 2181-2184.	2.9	18
54	Measurement of the tau lepton electronic branching fraction. Physical Review Letters, 1992, 69, 3610-3614.	2.9	14

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55	Measurement of the τ -lepton mass. Physical Review D, 1993, 47, R3671-R3675.	1.6	14
56	Observation of the charmed baryon Λ_c^+ and measurement of the isospin mass splittings of the Λ_c^+ . Physical Review Letters, 1993, 71, 3259-3262.	2.9	14
57	Λ_c^+ production in two-photon interactions. Physical Review D, 1997, 56, R2485-R2489.	1.6	14
58	Further Search for the Two-Photon Production of the Glueball Candidate $f_0(2220)$. Physical Review Letters, 1998, 81, 3328-3332.	2.9	13
59	Measurement of exclusive Λ_c^+ decays with π^+ in the final state. Physical Review Letters, 1993, 71, 3255-3258.	2.9	12
60	Analyses of the Secondary Particle Radiation and the DNA Damage It Causes to Human Keratinocytes. Journal of Radiation Research, 2011, 52, 685-693.	0.8	11
61	Search for the decays $K_L^0 \rightarrow \frac{1}{2} e$ and $K_L^0 \rightarrow e e$. Physical Review D, 1988, 38, 2914-2917.	1.6	9
62	Search for $B^* \rightarrow B + \pi^3$ and limits on the B-meson mass. Physical Review D, 1982, 26, 720-722.	1.6	8
63	New upper limit on the decay $\Lambda_c^+ \rightarrow e + e^+$. Physical Review D, 1997, 56, 5359-5365.	1.6	8
64	Observation of the dynamic beta effect at the Cornell Electron-Positron Storage Ring with the CLEO detector. Physical Review E, 1998, 57, 1193-1196.	0.8	6
65	Microdosimeter instrument (MIDN) for assessing risk in space. Radiation Protection Dosimetry, 2011, 143, 398-401.	0.4	5
66	Improved sensitivity in a search for the rare decay $K_L^0 \rightarrow e + e^+$. Physical Review Letters, 1993, 71, 3910-3913.	2.9	4
67	Study of D^0 decays into K^0 and K^{*0} . Physical Review D, 1993, 48, 4007-4017.	1.6	4
68	Thick-target yields of secondary ions and neutrons for validation of radiation transport codes. , 2017, , ,		4
69	Search for $B^* \rightarrow B + \pi^0$ and $B^* \rightarrow B + \pi^+$ decays and the $B^* \rightarrow B$ mass difference. Physical Review D, 1984, 30, 1985-1987.	1.6	2
70	Feasibility study of solid-state microdosimetry for energetic protons and heavy ions with coincident particle identification. Radiation Measurements, 2011, 46, 1539-1542.	0.7	2
71	Double differential neutron yields from thick targets used in space applications. EPJ Web of Conferences, 2017, 153, 04002.	0.1	2
72	Accelerator-based measurements relevant for shielding design in space. , 2016, , ,		1

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73	Beam characterization at NSRL for radiobiological experimentsâ€”phase 1. Journal of Instrumentation, 2020, 15, T10004-T10004.	0.5	1
74	Reliability testing of ultra-low noise InGaAs quad photoreceivers. , 2018, , .		1
75	Comprehensive radiation testing of uncooled, free space coupled, InGaAs quad photoreceivers. , 2020, , .		1
76	Secondary light-ion transport from intermediate-energy hadron experiments. EPJ Web of Conferences, 2017, 153, 04004.	0.1	0
77	Light Ion Yields from Bombardment of Thick Targets by Protons, Helium-4 and Iron-56. EPJ Web of Conferences, 2017, 153, 07029.	0.1	0
78	Proton and gamma radiation testing of 10 GHz bandwidth, uncooled, linear InGaAs optical receivers. , 2019, , .		0
79	Space qualification of 5 to 8 GHz bandwidth, uncooled, extended InGaAs 2.2-micron wavelength, linear optical receivers. , 2019, , .		0