

Michael B Sivertz

List of Publications by Year in descending order

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80
all docs

80
docs citations

80
times ranked

5578
citing authors

#	ARTICLE	IF	CITATIONS
1	Beam characterization at NSRL for radiobiological experimentsâ€”phase 1. Journal of Instrumentation, 2020, 15, T10004-T10004.	0.5	1
2	Comprehensive radiation testing of uncooled, free space coupled, InGaAs quad photoreceivers. , 2020, , .		1
3	Proton and gamma radiation testing of 10 GHz bandwidth, uncooled, linear InGaAs optical receivers. , 2019, , .		0
4	Space qualification of 5 to 8 GHz bandwidth, uncooled, extended InGaAs 2.2-micron wavelength, linear optical receivers. , 2019, , .		0
5	Reliability testing of ultra-low noise InGaAs quad photoreceivers. , 2018, , .		1
6	Thick-target yields of secondary ions and neutrons for validation of radiation transport codes. , 2017, , .		4
7	Secondary light-ion transport from intermediate-energy hadron experiments. EPJ Web of Conferences, 2017, 153, 04004.	0.1	0
8	Double differential neutron yields from thick targets used in space applications. EPJ Web of Conferences, 2017, 153, 04002.	0.1	2
9	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
10	Accelerator-based measurements relevant for shielding design in space. , 2016, , .		1
11	Overview of the NASA space radiation laboratory. Life Sciences in Space Research, 2016, 11, 18-23.	1.2	95
12	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
13	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
14	Microdosimeter instrument (MIDN) for assessing risk in space. Radiation Protection Dosimetry, 2011, 143, 398-401.	0.4	5
15	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
16	Common Suppression Pattern of π^+ and π^- Mesons at High Transverse Momentum in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 202301.	2.9	117
17	Formation of dense partonic matter in relativistic nucleusâ€”nucleus collisions at RHIC: Experimental evaluation by the PHENIX Collaboration. Nuclear Physics A, 2005, 757, 184-283.	0.6	2,520
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Midrapidity Neutral-Pion Production in Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2003, 91, 241803.	2.9	249
21	Elliptic Flow of Identified Hadrons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 182301.	2.9	627
22	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
23	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
24	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
25	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
26	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
27	Further Search for the Two-Photon Production of the Glueball Candidate $f(2220)$. Physical Review Letters, 1998, 81, 3328-3332.	2.9	13
28	New upper limit on the decay $\hat{\Gamma}^+ \rightarrow e^+ e^-$. Physical Review D, 1997, 56, 5359-5365.	1.6	8
29	$\hat{\Gamma}^+ \hat{\Gamma}^-$ production in two-photon interactions. Physical Review D, 1997, 56, R2485-R2489.	1.6	14
30	Experimental tests of lepton universality in $\hat{\Gamma}^+ \rightarrow e^+ e^-$ decay. Physical Review D, 1997, 55, 2559-2576.	1.6	30
31	Study of gluon versus quark fragmentation in $\hat{\Gamma}^+ \rightarrow gg \hat{\Gamma}^3$ and $e^+ e^- \rightarrow q \hat{\Gamma}^+ q \hat{\Gamma}^3$ events at $\sqrt{s}=10$ GeV. Physical Review D, 1997, 56, 17-22.	1.6	23
32	Measurement of the direct photon spectrum in $\hat{\Gamma}^+(1S)$ decays. Physical Review D, 1997, 55, 5273-5281.	1.6	27
33	Limit on the Two-Photon Production of the Glueball Candidate $f(2220)$ at the Cornell Electron Storage Ring. Physical Review Letters, 1997, 79, 3829-3833.	2.9	20
34	Measurement of the branching ratio for the rare decay $K_L \rightarrow \hat{\Gamma}^+ \hat{\Gamma}^3$. Physical Review D, 1995, 51, 985-1013.	1.6	19
35	$\hat{\Gamma}^+(1S) \rightarrow \hat{\Gamma}^3 +$ noninteracting particles. Physical Review D, 1995, 51, 2053-2060.	1.6	57
36	Measurement of two-photon production of the $\hat{\Gamma}^3$. Physical Review D, 1994, 50, 4265-4271.	1.6	21

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37	Two-photon production of charged pion and kaon pairs. <i>Physical Review D</i> , 1994, 50, 3027-3037.	1.6	27
38	Search for Neutrinoless Decays of the Tau Lepton. <i>Physical Review Letters</i> , 1994, 73, 1890-1894.	2.9	21
39	Measurement of Cabibbo-Suppressed Decays of the τ -Lepton. <i>Physical Review Letters</i> , 1994, 73, 1079-1083.	2.9	32
40	Measurement of the cross section for $\tau^+\tau^-\rightarrow pp^*$. <i>Physical Review D</i> , 1994, 50, 5484-5490.	1.6	26
41	Analysis of hadronic transitions in $\tau^-\rightarrow(3S)\pi^-\nu_\tau$ decays. <i>Physical Review D</i> , 1994, 49, 40-57.	1.6	46
42	Improved upper limit on the branching ratio $B(K_L\rightarrow\tau^+\tau^-e^+e^-)$. <i>Physical Review Letters</i> , 1993, 70, 1049-1052.	2.9	40
43	Limit on the tau neutrino mass. <i>Physical Review Letters</i> , 1993, 70, 3700-3704.	2.9	30
44	Study of the decays $\tau^-\rightarrow\pi^0K^+\nu_\tau$, $\tau^-\rightarrow\pi^+K^-\nu_\tau$, and $\tau^-\rightarrow\pi^+K^-\nu_\tau$. <i>Physical Review Letters</i> , 1993, 71, 2391-2395.	2.9	26
45	Measurement of charmless semileptonic decays of B mesons. <i>Physical Review Letters</i> , 1993, 71, 4111-4115.	2.9	92
46	Measurement of the τ -lepton mass. <i>Physical Review D</i> , 1993, 47, R3671-R3675.	1.6	14
47	Two measurements of $B^0\rightarrow\pi^0$ mixing. <i>Physical Review Letters</i> , 1993, 71, 1680-1684.	2.9	76
48	Lepton asymmetry measurements in $B^0\rightarrow D^*\pi^+\pi^-$ and implications for $V-A$ and the form factors. <i>Physical Review D</i> , 1993, 47, 791-798.	1.6	31
49	Search for $\tau^+\tau^-\rightarrow\pi^+\pi^-$: A test of lepton number conservation. <i>Physical Review Letters</i> , 1993, 70, 138-142.	2.9	24
50	Evidence for penguin-diagram decays: First observation of $B^0\rightarrow K^*(892)\pi^0$. <i>Physical Review Letters</i> , 1993, 71, 674-678.	2.9	379
51	Search for exclusive $\tau^-\rightarrow\mu^-\nu_\tau$ semileptonic decays of B mesons. <i>Physical Review Letters</i> , 1993, 70, 2681-2685.	2.9	22
52	Measurement of the decay $\tau^-\rightarrow\pi^-\nu_\tau$. <i>Physical Review Letters</i> , 1993, 71, 1791-1795.	2.9	28
53	Improved sensitivity in a search for the rare decay $K_L\rightarrow e^+e^-$. <i>Physical Review Letters</i> , 1993, 71, 3910-3913.	2.9	4
54	Measurement of exclusive $\tau^-\rightarrow\mu^-\nu_\tau$ decays with π^+ in the final state. <i>Physical Review Letters</i> , 1993, 71, 3255-3258.	2.9	12

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55	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
56	Measurement of the ratios $\Gamma(B \rightarrow D^+ \pi^0) / \Gamma(B \rightarrow D^+ K^0)$. Physical Review Letters, 1993, 71, 1311-1315.	2.9	31
57	Measurement of the D^0 branching fractions. Physical Review Letters, 1993, 71, 1973-1977.	2.9	27
58	Tau decays with one charged particle plus multiple π^0 's. Physical Review Letters, 1993, 70, 1207-1211.	2.9	34
59	Study of D^0 decays into K^0 and K^{*0} . Physical Review D, 1993, 48, 4007-4017.	1.6	4
60	Measurement of Γ_{τ} , decays involving $\hat{1}$ mesons. Physical Review Letters, 1992, 69, 3278-3281.	2.9	47
61	Measurement of the tau lepton electronic branching fraction. Physical Review Letters, 1992, 69, 3610-3614.	2.9	14
62	Isospin mass splittings from precision measurements of D^* - D mass differences. Physical Review Letters, 1992, 69, 2046-2049.	2.9	29
63	Shape studies of quark jets versus gluon jets at $\sqrt{s} = 10$ GeV. Physical Review D, 1992, 46, 4822-4827.	1.6	25
64	Measurement of the $D^*(2010)$ branching fractions. Physical Review Letters, 1992, 69, 2041-2045.	2.9	91
65	Higher-statistics measurement of the branching ratio for the decay $K_L \rightarrow \pi^0 \pi^0$. Physical Review D, 1991, 44, R1-R5.	1.6	20
66	New experimental limits on $K_L \rightarrow \pi^0 e \pi^0$ and $K_L \rightarrow \pi^0 e e$ branching ratios. Physical Review Letters, 1989, 63, 2181-2184.	2.9	18
67	Measurement of the branching ratio for the decay $K_L \rightarrow \pi^0 \pi^0$. Physical Review Letters, 1989, 63, 2185-2188.	2.9	25
68	Search for the decays $K_L \rightarrow \pi^0 e \pi^0$ and $K_L \rightarrow \pi^0 e e$. Physical Review D, 1988, 38, 2914-2917.	1.6	9
69	Search for $B^* \rightarrow B + \pi^0$ decays and the $B^* - B$ mass difference. Physical Review D, 1984, 30, 1985-1987.	1.6	2
70	Observation of the Lowest P -Wave $b\bar{b}$ Bound States. Physical Review Letters, 1983, 51, 160-163.	2.9	76
71	Observation of P -Wave $b\bar{b}$ Bound States. Physical Review Letters, 1982, 49, 1612-1616.	2.9	59
72	Search for $B^* \rightarrow B + \pi^0$ and limits on the B -meson mass. Physical Review D, 1982, 26, 720-722.	1.6	8

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73	Evidence for $\tau \rightarrow b \bar{c} \nu$ Production in the Exclusive Reaction $\tau \rightarrow b \bar{c} \nu (\tau \rightarrow b \bar{c} \nu \text{ or } \tau \rightarrow b \bar{c} \nu)$. Physical Review Letters, 1982, 49, 1611-1614.	2.9	43
74	Upper limit for axion production in radiative τ decay. Physical Review D, 1982, 26, 717-719.	1.6	41
75	Search for Structure in $f(e^+e^- \rightarrow \tau^+ \text{ hadrons})$ between $\sqrt{s} = 10.34$ and 11.6 GeV. Physical Review Letters, 1982, 48, 906-910.	2.9	43
76	Observation of the Transition $\tau \rightarrow \nu \tau + e^+ e^-$. Physical Review Letters, 1981, 46, 1115-1118.	2.9	42
77	Measurement of B-Meson Semileptonic Decay. Physical Review Letters, 1981, 47, 771-774.	2.9	40
78	Observation of $\tau \rightarrow \nu \tau$, $\tau \rightarrow \nu \tau$, and $\tau \rightarrow \nu \tau$ at the Cornell Electron Storage Ring. Physical Review Letters, 1980, 44, 1111-1114.	2.9	94
79	Observation of the $\tau \rightarrow \nu \tau$ at the Cornell Electron Storage Ring. Physical Review Letters, 1980, 45, 222-225.	2.9	108