

Elvezio Morenzoni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7019532/publications.pdf>

Version: 2024-02-01

244
papers

6,763
citations

70961

41
h-index

88477

70
g-index

252
all docs

252
docs citations

252
times ranked

5566
citing authors

#	ARTICLE	IF	CITATIONS
1	Meissner screening as a probe for inverse superconductor-ferromagnet proximity effects. Physical Review B, 2021, 104, .	1.1	5
2	Pressure dependence of the superconducting and magnetic transition temperatures in Sr^2CuO_7 . Physical Review B, 2021, 104, .		
3	Pressure-induced magnetism in the iron-based superconductors AFe_2As_2 ($T_{\text{c}} \approx 10.784314 \text{ K}$). Physical Review B, 2021, 104, .		
4	Kubo spins in nanoscale aluminum grains: A muon spin relaxation study. Physical Review B, 2020, 101, .	1.1	3
5	Structural phases of elemental Ga: Universal relations in conventional superconductors. Physical Review B, 2020, 101, .	1.1	7
6	Controlling the electromagnetic proximity effect by tuning the mixing between superconducting and ferromagnetic order. Physical Review B, 2019, 100, .	1.1	15
7	Extended Magnetic Dome Induced by Low Pressures in Superconducting FeSe . Physical Review Letters, 2019, 123, 147001.		
8	Manifestation of the electromagnetic proximity effect in superconductor-ferromagnet thin film structures. Applied Physics Letters, 2019, 115, .	1.5	18
9	Muon spin rotation study of type-I superconductivity: Elemental Bi_2Se_3 -Sn. Physical Review B, 2019, 99, .	1.1	15
10	Superconducting nature of the Bi-II phase of elemental bismuth. Physical Review B, 2019, 99, .	1.1	13
11	Microscopic investigation of the weakly correlated noncentrosymmetric superconductor SrAuSi_3 . Physical Review B, 2018, 97, .	1.1	1
12	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	1.1	18
13	Magnetism in semiconducting molybdenum dichalcogenides. Science Advances, 2018, 4, eaat3672.	4.7	92
14	Superconducting Properties of Cu Intercalated Bi_2Se_3 Studied by Muon Spin Spectroscopy. , 2018, , .		7
15	Superconductivity of Bi-III phase of elemental bismuth: Insights from muon-spin rotation and density functional theory. Physical Review B, 2018, 98, .	1.1	12
16	Direct evidence of superconductivity and determination of the superfluid density in buried ultrathin FeSe grown on SrTiO_3 . Physical Review B, 2018, 97, .	1.1	14
17	Magnetic tricritical point and nematicity in FeSe under pressure. Physical Review B, 2018, 97, .	1.1	13
18	Observation of Anomalous Meissner Screening in CuNb_2S_7 and CuNb_2S_7 Thin Films. Physical Review Letters, 2018, 120, 247001.	2.9	34

#	ARTICLE	IF	CITATIONS
19	Intrinsic or Interface Clustering-Induced Ferromagnetism in Fe-Doped In ₂ O ₃ -Diluted Magnetic Semiconductors. ACS Applied Materials & Interfaces, 2018, 10, 22372-22380.	4.0	23
20	A segmented conical electric lens for optimization of the beam spot of the low-energy muon facility at PSI: a Geant4 simulation analysis. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	1.3	7
21	Magnetic states of MnP: muon-spin rotation studies. Journal of Physics Condensed Matter, 2017, 29, 164003.	0.7	11
22	Magnetic order of intermetallic FeGa ₃ by $\frac{1}{4}$ SR ¹ . Physical Review B, 2017, 95, .		
23	Signatures of the topological s + d superconducting order parameter in the type-II Weyl semimetal Td-MoTe ₂ . Nature Communications, 2017, 8, 1082.	5.8	101
24	Restoration of quantum critical behavior by disorder in pressure-tuned (Mn,Fe)Si. Npj Quantum Materials, 2017, 2, .	1.8	22
25	Intrinsic and spatially nonuniform ferromagnetism in Co-doped ZnO films. Physical Review B, 2017, 96, .	1.1	25
26	Pressure tuning of structure, superconductivity, and novel magnetic order in the Ce-underdoped electron-doped cuprate T ₁ . Physical Review B, 2017, 96, .	1.1	6
27	Pressure-induced magnetic order in FeSe: A muon spin rotation study. Physical Review B, 2017, 95, .	1.1	19
28	Equilibrium properties of superconducting niobium at high magnetic fields: A possible existence of a filamentary state in type-II superconductors. Physical Review B, 2017, 95, .	1.1	7
29	Normal state above the upper critical field in Fe _{1-x} Co _x AsO. Physical Review B, 2017, 95, .	1.1	2
30	Physics and applications of low energy muons. , 2017, , 343-404.		5
31	The synthesis and characterization of 1 1 1 type diluted ferromagnetic semiconductor (La _{1-x} Ca _x)(Zn _{1-x} Mn _x)AsO. Journal of Physics Condensed Matter, 2016, 28, 026003.	0.7	5
32	Cooperative coupling of static magnetism and bulk superconductivity in the stripe phase of La _{1-x} Co _x AsO: Pressure- and doping-dependent studies. Physical Review B, 2016, 94, .		
33	Volume-wise destruction of the antiferromagnetic Mott insulating state through quantum tuning. Nature Communications, 2016, 7, 12519.	5.8	36
34	Nanoscale depth-resolved polymer dynamics probed by the implantation of low energy muons. Polymer, 2016, 105, 516-525.	1.8	3
35	Intrinsic Ferromagnetism in the Diluted Magnetic Semiconductor CoTiO ₃ . Physical Review Letters, 2016, 117, 227202.	2.9	63
36	Bulk superconductivity at 84 K in the strongly overdoped regime of cuprates. Physical Review B, 2016, 94, .	1.1	25

#	ARTICLE	IF	CITATIONS
37	Coexistence of low-moment magnetism and superconductivity in tetragonal FeS and suppression of T_c as a function of hydrostatic pressure. Physical Review B, 2016, 93, .	1.1	30
38	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	1.1	24
39	Fully gapped superconductivity in the topological superconductor Bi_2Te_3 . Physical Review B, 2016, 93, .		
40	Probing the pairing symmetry in the over-doped Fe-based superconductor BaFe_2As_2 as a function of hydrostatic pressure. Physical Review B, 2016, 93, .		
41	Proximity-induced superconductivity within the insulating Bi_2Te_3 . Physical Review B, 2016, 93, .		

#	ARTICLE	IF	CITATIONS
55	<p>Evolution of the Meissner screening profile in $\text{YBaCu}_2\text{O}_{7-x}$</p> <p>Direct Spectroscopic Observation of a Shallow Hydrogenlike Donor State in Insulating SrTiO_3</p> <p>Physical Review Letters, 2014, 113, 156801.</p>	1.1	8
56	<p>Superconducting and magnetic properties of SrTiO_3</p> <p>Physical Review B, 2014, 90, .</p>	2.9	23
57	<p>Understanding the $\frac{1}{4}$ SR spectra of MnSi without magnetic polarons. Physical Review B, 2014, 89, .</p>	1.1	40
58	<p>Pressure-Induced Quantum Critical and Multicritical Points in a Frustrated Spin Liquid. Physical Review Letters, 2014, 112, .</p>	2.9	21
59	<p>Low-temperature magnetic fluctuations in the Kondo insulator SmB_6. Physical Review B, 2014, 89, .</p>	1.1	27
60	<p>Overdoped Li in the diluted ferromagnetic semiconductor $\text{Li}_x\text{Mn}_2\text{O}_4$</p>		
61			

#	ARTICLE	IF	CITATIONS
73	Low superfluid density and possible multigap superconductivity in the layered superconductor BiS_2 Physical Review B, 2013, 88, .	1.1	33
74	Absence of spontaneous magnetism associated with a possible time-reversal symmetry breaking state beneath the surface of (110)-oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconducting films. Physical Review B, 2013, 88, .	1.1	13
75	Publisher's Note: Nonlocal effect and dimensions of Cooper pairs measured by low-energy muons and polarized neutrons in type-I superconductors [Phys. Rev. B87, 104508 (2013)]. Physical Review B, 2013, 87, Magnetic phase diagram of low-doped La	1.1	0
76	Sr_2CuO_x	1.1	27
77	CuO		



#	ARTICLE	IF	CITATIONS
91	Spin excitations in a single La ₂ CuO ₄ layer. Nature Materials, 2012, 11, 850-854.	13.3	116
92	Depth-Dependent Spin Dynamics in Thin Films of TbPc ₂ Nanomagnets Explored by Low-Energy Implanted Muons. ACS Nano, 2012, 6, 8390-8396.	7.3	38
93	The Meissner effect in a strongly underdoped cuprate above its critical temperature. Nature Communications, 2011, 2, 272.	5.8	39
94	Engineering spin propagation across a hybrid organic/inorganic interface using a polar layer. Nature Materials, 2011, 10, 39-44.	13.3	152
95	Dimensionality Control of Electronic Phase Transitions in Nickel-Oxide Superlattices. Science, 2011, 332, 937-940.	6.0	331
96	Two-Dimensional Magnetic and Superconducting Phases in Metal-Insulator $\text{La}_{2-x}\text{Mn}_2\text{O}_{7-x}$ Measured by Muon-Spin Rotation. Physical Review Letters, 2011, 106, 237003.	2.9	19
97	Spatially homogeneous ferromagnetism of (Ga, Mn)As. Nature Materials, 2010, 9, 299-303.	13.3	71
98	Publisher's Note: Magnetic polarons in Eu-based films of magnetic semiconductors [Phys. Rev. B, 2010, 81, 153201 (2010)]. Physical Review B, 2010, 81, .	1.1	0
99	Magnetic polarons in Eu-based films of magnetic semiconductors. Physical Review B, 2010, 81, .	1.1	24
100	Direct measurement of the London penetration depth in YBaCu_3 low-energy Physical Review B, 2010, 81, .	2.4	37
101	Low-energy and SQUID evidence of magnetism in highly oriented pyrolytic graphite. Journal of Magnetism and Magnetic Materials, 2010, 322, 1228-1231.	1.0	11
102	Interaction between the magnetic and superconducting order parameters in aLa _{1.94} Sr _{0.06} CuO ₄ wire studied via muon spin rotation. Physical Review B, 2009, 80, .	1.1	6
103	Magnetic polaron bound to the positive muon in SmS: Exchange-driven formation of a mixed-valence state. Physical Review B, 2009, 79, .	1.1	16
104	Electric-Field-Enhanced Neutralization of Deep Centers in GaAs. Physical Review Letters, 2009, 103, 216601.	2.9	6
105	Direct measurement of the electronic spin diffusion length in a fully functional organic spin valve by low-energy muon spin rotation. Nature Materials, 2009, 8, 109-114.	13.3	251
106	PSI status 2008 – Developments at the 590MeV proton accelerator facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 5-7.	0.7	14
107	A (closer) look below surfaces and at heterostructures with polarized muons. Physica B: Condensed Matter, 2009, 404, 577-580.	1.3	4
108	High-pressure muon spin rotation studies of magnetic semiconductors: EuS. Physica B: Condensed Matter, 2009, 404, 903-905.	1.3	4

#	ARTICLE	IF	CITATIONS
109	Novel muonium centersâ€™magnetic polaronsâ€™in magnetic semiconductors. Physica B: Condensed Matter, 2009, 404, 899-902.	1.3	15
110	Electron localization into magnetic polaron in EuS. Physica B: Condensed Matter, 2009, 404, 896-898.	1.3	3
111	Low energy studies of semiconductor interfaces. Physica B: Condensed Matter, 2009, 404, 873-875.	1.3	1
112	Magnetism and superconductivity in cuprate heterostructures studied by low energy. Physica B: Condensed Matter, 2009, 404, 720-723.	1.3	2
113	Low-energy muon [LEM] study of Zn-phthalocyanine and ZnO thin films. Physica B: Condensed Matter, 2009, 404, 870-872.	1.3	3
114	Near-surface muonium states in germanium. Physica B: Condensed Matter, 2009, 404, 866-869.	1.3	2
115	A novel VME based SR data acquisition system at PSI. Physica B: Condensed Matter, 2009, 404, 1007-1009.	1.3	8
116	GEANT4 as a simulation framework in. Physica B: Condensed Matter, 2009, 404, 966-969.	1.3	6
117	Direct observation of the magnetic polaron. Physical Review B, 2009, 80, .	1.1	32
118	Exploring the performance of SR position-sensitive detectors through numerical simulations. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 306-310.	0.7	2
119	The new beam at PSI: A hybrid-type large acceptance channel for the generation of a high intensity surface-muon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 317-331.	0.7	176
120	Oxygen Isotope Effects on the Superconducting Transition and Magnetic States Within the Phase Diagram of $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$. Physical Review Letters, 2008, 101, 077001.	2.9	41
121	Investigating the occurrence of magnetic order in strained thin films of $Pr_{0.5}Ca_{0.5}MnO_3$ by muon spin relaxation. Europhysics Letters, 2008, 83, 47013.	0.7	2
122	Spatially Resolved Inhomogeneous Ferromagnetism in $Ti_{2-x}Zr_xO_7$ / $Overl$ stretchy="false"></mml:mo><mml:mi>Ga</mml:mi><mml:mo>,</mml:mo><mml:mi>Mn</mml:mi><mml:mo>Tj E2Q0 0 0 qBT /Overl		
123	Microscopic Study by Muon Spin Relaxation. Physical Review Letters, 2008, 101, 027202. Depth-Dependent Spin Dynamics of Canonical Spin-Glass Films: A Low-Energy Muon-Spin-Rotation Study. Physical Review Letters, 2008, 100, 147205.	2.9	13
124	Formation of Hydrogen Impurity States in Silicon and Insulators at Low Implantation Energies. Physical Review Letters, 2007, 98, 227401.	2.9	26
125	studies of hydrogen-bonded ferroelectrics and antiferroelectrics. Physica B: Condensed Matter, 2007, 388, 274-277.	1.3	6
126	Nonlocal Meissner screening. Physica B: Condensed Matter, 2006, 374-375, 243-246.	1.3	3

#	ARTICLE	IF	CITATIONS
127	Room temperature ferromagnetism in $\text{In}_{1-x}\text{V}_x$ and $\text{In}_{1-x}\text{V}_x\text{V}_2$ dilute magnetic semiconductors. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 430-432.	1.3	11
128	The new high-intensity surface muon beam for the generation of low-energy muons at PSI. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 460-463.	1.3	10
129	Position-sensitive detectors for muon spectroscopy: Design goals, constraints and perspectives. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 494-497.	1.3	3
130	Geant4 simulation of low energy experiments at PSI. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 498-501.	1.3	7
131	Correlation between oxygen isotope effects on transition temperature and magnetic penetration depth in high-temperature superconductors close to optimal doping. <i>Physical Review B</i> , 2006, 74, .	1.1	19
132	Applied muon science: novel perspectives in nano-science. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 149, 73-78.	0.5	2
133	Thin Film, Near-Surface and Multi-Layer Investigations by Low-Energy μ^+ +SR. <i>Hyperfine Interactions</i> , 2005, 159, 227-234.	0.2	2
134	A New High-intensity, Low-momentum Muon Beam for the Generation of Low-energy Muons at PSI. <i>Hyperfine Interactions</i> , 2005, 159, 385-388.	0.2	4
135	Coexistence and Coupling of Superconductivity and Magnetism in Thin Film Structures. <i>Physical Review Letters</i> , 2005, 95, 197201.	2.9	14
136	Surface dynamics of a thin polystyrene film probed by low-energy muons. <i>Physical Review B</i> , 2005, 72, .	1.1	26
137	Observation of nonexponential magnetic penetration profiles in the Meissner state: A manifestation of nonlocal effects in superconductors. <i>Physical Review B</i> , 2005, 72, .	1.1	38
138	Thin Film, Near-Surface and Multi-Layer Investigations by Low-Energy μ^+ +SR. , 2005, , 664-671.		0
139	A New High-Intensity, Low-Momentum Muon Beam for the Generation of Low-Energy Muons at PSI. , 2005, , 812-815.		0
140	The oxygen isotope effect on the in-plane penetration depth in cuprate superconductors. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S4439-S4455.	0.7	42
141	Direct Observation of Nonlocal Effects in a Superconductor. <i>Physical Review Letters</i> , 2004, 92, 087001.	2.9	36
142	Direct Observation of the Oxygen Isotope Effect on the In-Plane Magnetic Field Penetration Depth in Optimally Doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review Letters</i> , 2004, 92, 057602.	2.9	127
143	Antiferromagnetic transition in epitaxial strained La_2CuO_4 thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 110-111.	1.0	2
144	Long range electron spin polarization in the Ag layer of a Fe/Ag film. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1128-1129.	1.0	3

#	ARTICLE	IF	CITATIONS
145	Generation and applications of slow polarized muons. Contemporary Physics, 2004, 45, 203-225.	0.8	78
146	Nano-scale thin film investigations with slow polarized muons. Journal of Physics Condensed Matter, 2004, 16, S4583-S4601.	0.7	79
147	Channeling of antiprotons. Nuclear Instruments & Methods in Physics Research B, 2003, 207, 402-408.	0.6	14
148	Muonium formation at keV energies. Physica B: Condensed Matter, 2003, 326, 51-54.	1.3	6
149	Low energy muons as probes of thin films and near surface regions. Physica B: Condensed Matter, 2003, 326, 196-204.	1.3	28
150	Diffusion of muons in metallic multilayers. Physica B: Condensed Matter, 2003, 326, 545-549.	1.3	6
151	Observation of the Conduction Electron Spin Polarization in the Ag Spacer of aFe/Ag/FeTrilayer. Physical Review Letters, 2003, 91, 017204.	2.9	36
152	Site-selective oxygen isotope effect on the magnetic-field penetration depth in underdoped $Y_{0.6}Pr_{0.4}Ba_2Cu_3O_{7-\delta}$. Physical Review B, 2003, 68, .	1.1	35
153	The oxygen-isotope effect on the in-plane penetration depth in underdoped $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ as revealed by muon-spin rotation. Journal of Physics Condensed Matter, 2003, 15, L17-L23.	0.7	31
154	Implantation studies of keV positive muons in thin metallic layers. Nuclear Instruments & Methods in Physics Research B, 2002, 192, 254-266.	0.6	118
155	Moderator gratings for the generation of epithermal positive muons. Applied Surface Science, 2001, 172, 235-244.	3.1	32
156	Superparamagnetism in Heterogeneous AgFe Thin Films – A Low Energy μ SR Study. Hyperfine Interactions, 2001, 136/137, 403-408.	0.2	1
157	Upgrading the PSI Muon Facility. Hyperfine Interactions, 2001, 138, 483-488.	0.2	8
158	Muon Spin Rotation and Relaxation Experiments on Thin Films. Hyperfine Interactions, 2001, 133, 179-195.	0.2	4
159	A low-energy muon study of thermal activation in single-domain iron particles. Physica B: Condensed Matter, 2000, 289-290, 137-140.	1.3	2
160	Low-energy μ SR at PSI: present and future. Physica B: Condensed Matter, 2000, 289-290, 653-657.	1.3	68
161	Range studies of low-energy muons in a thin Al film. Physica B: Condensed Matter, 2000, 289-290, 658-661.	1.3	4
162	Magnetism of thin chromium films studied with low-energy muon spin rotation. Physica B: Condensed Matter, 2000, 289-290, 326-330.	1.3	3

#	ARTICLE	IF	CITATIONS
163	Low-energy muon study of CMR and spin-glass films. Physica B: Condensed Matter, 2000, 289-290, 331-333.	1.3	0
164	Measurements of the penetration depth of an YBa ₂ Cu ₃ O _{7-δ} thin film with low-energy muons. Physica B: Condensed Matter, 2000, 289-290, 334-337.	1.3	3
165	Temperature dependence of the magnetic penetration depth in an YBa ₂ Cu ₃ O _{7-δ} film. Physica B: Condensed Matter, 2000, 289-290, 369-372.	1.3	4
166	Superparamagnetic relaxation in iron nanoclusters measured by low energy muon spin rotation. Journal of Physics Condensed Matter, 2000, 12, 1399-1411.	0.7	32
167	Depth-Resolved Profile of the Magnetic Field beneath the Surface of a Superconductor with a Few nm Resolution. Physical Review Letters, 2000, 84, 4958-4961.	2.9	61
168	Direct Observation of a Flux Line Lattice Field Distribution across an YBa ₂ Cu ₃ O _{7-δ} surface by Low Energy Muons. Physical Review Letters, 1999, 83, 3932-3935.	2.9	53
169	Title is missing!, 1999, 120/121, 569-573.		9
170	Muonium formation by collisions of muons with solid rare-gas and solid nitrogen layers. Physical Review A, 1998, 58, 3739-3756.	1.0	11
171	Ionization of rare gases by particle - antiparticle impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, L581-L587.	0.6	38
172	Non-dissociative and dissociative ionization of molecules by impact of 40 - 1000 keV antiprotons. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 3417-3421.	0.6	3
173	Direct measurements of the stopping power for antiprotons of light and heavy targets. Physical Review A, 1997, 56, 2930-2939.	1.0	67
174	Characteristics of condensed gas moderators for the generation of very slow polarized muons. Journal of Applied Physics, 1997, 81, 3340-3347.	1.1	26
175	Niederenergetische spinpolarisierte Myonen als Sonden für dünnschichtsysteme. Physik Journal, 1997, 53, 1210-1212.	0.1	0
176	Single, double and triple ionization of Ne, Ar, Kr and Xe by 30 - 1000 keV impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 3951-3968.	0.6	30
177	Measurement of the Barkas effect around the stopping-power maximum for light and heavy targets. Nuclear Instruments & Methods in Physics Research B, 1997, 122, 162-166.	0.6	11
178	Generation of very slow polarized muons by moderation. , 1997, 106, 229-235.		15
179	Low energy muons as probes of thin films and surfaces. Applied Magnetic Resonance, 1997, 13, 219-229.	0.6	19
180	Ionization in collisions between 30 - 1000 keV antiprotons and atomic hydrogen. Canadian Journal of Physics, 1996, 74, 490-495.	0.4	3

#	ARTICLE	IF	CITATIONS
181	Development of a beam of very slow polarized muons. <i>Hyperfine Interactions</i> , 1996, 97-98, 395-406.	0.2	4
182	Ionization of Atomic Hydrogen by 30–1000 keV Antiprotons. <i>Physical Review Letters</i> , 1995, 74, 4627-4630.	2.9	77
183	Non-dissociative and dissociative ionization of N ₂ , CO, CO ₂ , and CH ₄ by impact of 50-6000 keV protons and antiprotons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 3569-3592.	0.6	43
184	Ionization of helium and molecular hydrogen by slow antiprotons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 925-934.	0.6	124
185	Exotic atoms and their electron shell. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1994, 87, 293-300.	0.6	12
186	Electric-field dependence of muonium formation in liquid helium. <i>Hyperfine Interactions</i> , 1994, 87, 1011-1016.	0.2	15
187	Muon depolarization in liquid ³ He. <i>Hyperfine Interactions</i> , 1994, 87, 1017-1022.	0.2	2
188	Development of a very low energy ¹ / ₄ + beam at PSI. <i>Hyperfine Interactions</i> , 1994, 87, 1075-1081.	0.2	3
189	Generation of very slow polarized positive muons. <i>Physical Review Letters</i> , 1994, 72, 2793-2796.	2.9	146
190	Molecular-orbital study of late-fission times in deep-inelastic U ²³⁸ + ²³⁸ U collisions. <i>Physical Review Letters</i> , 1993, 70, 537-540.	2.9	34
191	Muonium in superfluid helium. <i>Physical Review Letters</i> , 1992, 69, 1560-1563.	2.9	37
192	Precision measurement of antiprotonic hydrogen and deuterium X-rays. <i>Zeitschrift für Physik A</i> , 1992, 342, 359-368.	0.9	30
193	On the Production of Exotic Atoms: From Basic Facts to Advanced Techniques. <i>Springer Proceedings in Physics</i> , 1992, , 33-53.	0.1	3
194	Measurement of the antiproton stopping power of gold - the Barkas effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991, 155, 155-158.	0.9	34
195	Measurement of the stopping power of silicon for antiprotons between 0.2 and 3 MeV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1991, 58, 1-5.	0.6	47
196	Collisions of antiparticles with atoms. , 1991, , 171-190.		2
197	Extreme UV imaging telescope array on the spectrum X-G satellite. , 1990, 1344, 132.		4
198	Non-dissociative and dissociative ionisation of H ₂ by 50-2000 keV antiprotons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990, 23, L395-L400.	0.6	32

#	ARTICLE	IF	CITATIONS
199	Comment on "Double and single ionization of helium by high-velocity N_7^+ ions". Physical Review Letters, 1990, 65, 1687-1687.	2.9	18
200	Single ionization of helium by 40-3000-keV antiprotons. Physical Review A, 1990, 41, 6536-6539.	1.0	73
201	Recent Progress in Antiproton-Atom Collisions. , 1990, , 47-51.		0
202	Further studies of double ionization of He, Ne, and Ar by fast and slow antiprotons. Physical Review A, 1989, 40, 7366-7368.	1.0	61
203	Measurement of the Z^{13} contribution to the stopping power using MeV protons and antiprotons: The Barkas effect. Physical Review Letters, 1989, 62, 1731-1734.	2.9	110
204	Performance of microchannel plates in high magnetic fields. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 263, 397-400.	0.7	12
205	Time delay effects on K α -ray production probability in deep inelastic U + U and U + Pb nuclear reactions. Physical Review C, 1987, 36, 143-152.	1.1	6
206	Arctic Ocean chronology confirmed by accelerator ^{14}C dating. Geophysical Research Letters, 1986, 13, 319-321.	1.5	41
207	Diffusion and supply rates of ^{10}Be and ^{230}Th radioisotopes in two manganese encrustations from the South China Sea. Geochimica Et Cosmochimica Acta, 1986, 50, 149-156.	1.6	37
208	Dating Polar Ice by ^{14}C Accelerator Mass Spectrometry. Radiocarbon, 1986, 28, 417-423.	0.8	28
209	The ETH/SIN Dating Facility: A Status Report. Radiocarbon, 1986, 28, 246-255.	0.8	8
210	Separated projectile and target K α -ray production in symmetric heavy ion collisions as a function of the target thickness. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1986, 4, 133-140.	1.0	1
211	K-shell ionization in 7.5- and 8.6-MeV/a.m.u. U+U collisions at very small impact parameters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1986, 2, 91-98.	1.0	2
212	K-vacancy production in high-energy U+U and U+Pb collisions at small impact parameters. Zeitschrift für Physik A, Atomic Nuclei, 1986, 323, 127-137.	0.3	5
213	Atomic collisions with relativistic heavy ions. VI. Radiative processes. Physical Review A, 1986, 33, 2270-2280.	1.0	46
214	Efficiency parameters of the ETH AMS facility. Nuclear Instruments & Methods in Physics Research B, 1985, 10-11, 877-880.	0.6	4
215	^{10}Be , ^{26}Al , ^{53}Mn , and light noble gases in the Antarctic shergottite EETA 79001 (A). Earth and Planetary Science Letters, 1985, 75, 72-76.	1.8	14
216	Angular dependence of K-shell ionization in ion-atom collisions. Physical Review A, 1984, 29, 2440-2447.	1.0	3

#	ARTICLE	IF	CITATIONS
217	Nuclear Reaction Times in the Deep-Inelastic U + U Collision Deduced from K-Shell Ionization Probabilities. <i>Physical Review Letters</i> , 1984, 53, 1329-1332.	2.9	26
218	Observation of Radiative Capture in Relativistic Heavy-Ion Atom Collisions. <i>Physical Review Letters</i> , 1984, 53, 234-237.	2.9	71
219	Atomic collisions with relativistic heavy ions: Target inner-shell ionization. <i>Physical Review A</i> , 1984, 30, 2234-2244.	1.0	55
220	Precision measurements of ^{14}C in AMS – some results and prospects. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 117-122.	0.6	73
221	Computer controlled accelerator mass spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 238-241.	0.6	5
222	Charge state distributions and resulting isotopic fractionation effects of carbon and chlorine in the 1–7 MeV energy range. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 254-258.	0.6	17
223	Target preparation for milligram sized ^{14}C samples and data evaluation for AMS measurements. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 274-279.	0.6	20
224	Properties of milligram size samples prepared for AMS ^{14}C dating at ETH. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 284-288.	0.6	10
225	^{14}C measurements on foraminifera of deep sea core V28-238 and their preliminary interpretation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 340-345.	0.6	23
226	Mass-spectrometric ^{10}Be dating of deep-sea sediments applying the $Z^A/4$ rich tandem accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 353-358.	0.6	54
227	^{10}Be dating of the inner structure of Mn-encrustations applying the $Z^A/4$ rich tandem accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 359-364.	0.6	29
228	The camp century ^{10}Be record: Implications for long-term variations of the geomagnetic dipole moment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 380-384.	0.6	56
229	^{14}C dating of polar ice. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 385-388.	0.6	25
230	Correlation of the paleoclimatic record in lacustrine sediment sequences: ^{14}C dating by AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 389-393.	0.6	13
231	$^{14}\text{C}/^{12}\text{C}$ -ratios in organic matter and hydrocarbons extracted from dated Lake sediments. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 394-397.	0.6	13
232	^{10}Be annual fallout in rains in India. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 398-403.	0.6	33
233	Spallogenic nuclides in meteorites by conventional and accelerator mass spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984, 5, 411-414.	0.6	17
234	Compound elastic cross sections in the isobaric analog resonances $^{88}\text{Sr}(p,p_0)$ at 5.06 MeV and $^{86}\text{Sr}(p,p_0)$ at 6.02 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 130, 246-250.	1.5	10

#	ARTICLE	IF	CITATIONS
235	Impact parameter dependence of L- and K-shell excitation in I-Ag collisions. Zeitschrift für Physik A, 1983, 311, 7-17.	1.4	7
236	Dynamics of the fusion process. Nuclear Physics A, 1982, 388, 334-380.	0.6	246
237	Threshold behaviour of the MO x-ray anisotropy spectra observed in heavy ions collisions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 88, 131-134.	0.9	2
238	Azimuthal angle dependence of molecular orbital K X-rays in heavy ion collisions. Zeitschrift für Physik A, 1981, 300, 105-106.	1.4	6
239	MO X-ray angular distributions from 1 GeV $^{208}\text{Pb} + ^{208}\text{Pb}$ and $^{209}\text{Bi} + ^{209}\text{Bi}$ collisions. Zeitschrift für Physik A, 1980, 297, 93-99.	1.4	15
240	Molecular-orbital X-rays from 1 GeV $^{208}\text{Pb} + ^{208}\text{Pb}$ and $^{209}\text{Bi} + ^{209}\text{Bi}$ collisions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1979, 70, 303-306.	0.9	19
241	M-like X-ray transitions in superheavy quasi-molecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 217-220.	0.9	15
242	The anisotropy of the MO- $2p^2$ -radiation observed in symmetric heavy ion collisions. Zeitschrift für Physik A, 1978, 287, 33-36.	1.4	10
243	Bounds for ladder graph scattering amplitudes on the boundary of their cut. Journal of Mathematical Physics, 1977, 18, 1480-1484.	0.5	0
244	Accelerator Radiocarbon Ages on Foraminifera Separated from Deep-Sea Sediments. Geophysical Monograph Series, 0, , 143-153.	0.1	7