

Sergio Bertolucci

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

361 papers	16,660 citations	66 h-index	117 g-index
375 ext. papers	17,931 ext. citations	4.9 avg, IF	2.99 L-index

#	Paper	IF	Citations
361	Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC. <i>Journal of Instrumentation</i> , 2022 , 17, P01005	1	1
360	Search for magnetic monopoles produced via the Schwinger mechanism.. <i>Nature</i> , 2022 , 602, 63-67	50.4	1
359	Analysis methods used and planned for VIP-2. <i>EPJ Web of Conferences</i> , 2022 , 262, 01022	0.3	
358	Testing the Pauli Exclusion Principle with the VIP-2 Experiment. <i>Symmetry</i> , 2022 , 14, 893	2.7	2
357	The Large HadronElectron Collider at the HL-LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021 , 48, 110501	2.9	3
356	Semi-Analytical Monte Carlo Method to Simulate the Signal of the VIP-2 Experiment. <i>Symmetry</i> , 2021 , 13, 6	2.7	
355	The key role of the Silicon Drift Detectors in testing the Pauli Exclusion Principle for electrons: the VIP-2 experiment. <i>Journal of Physics: Conference Series</i> , 2020 , 1548, 012033	0.3	0
354	High precision test of the Pauli Exclusion Principle for electrons. <i>Journal of Physics: Conference Series</i> , 2020 , 1586, 012016	0.3	
353	Volume III. DUNE far detector technical coordination. <i>Journal of Instrumentation</i> , 2020 , 15, T08009-T08009		8
352	VIP-2 -High-Sensitivity Tests on the Pauli Exclusion Principle for Electrons. <i>Entropy</i> , 2020 , 22,	2.8	3
351	VIP2 at Gran Sasso - Test of the validity of the spin statistics theorem for electrons with X-ray spectroscopy. <i>Journal of Physics: Conference Series</i> , 2020 , 1342, 012087	0.3	
350	Search for a remnant violation of the Pauli exclusion principle in a Roman lead target. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
349	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
348	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020 , 15, P12004-P12004	1	29
347	VIP-2 - Testing spin-statistics for electrons with high sensitivity. <i>Journal of Physics: Conference Series</i> , 2020 , 1468, 012230	0.3	
346	Volume IV. The DUNE far detector single-phase technology. <i>Journal of Instrumentation</i> , 2020 , 15, T08010-T08010		
345	High Precision Test of the Pauli Exclusion Principle for Electrons. <i>Condensed Matter</i> , 2019 , 4, 45	1.8	2

344	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
343	VIP2 in LNGS - Testing the Pauli Exclusion Principle for electrons with high sensitivity. <i>Journal of Physics: Conference Series</i> , 2019 , 1275, 012028	0.3	
342	Detector setup of the VIP2 underground experiment at LNGS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 936, 233-234	1.2	1
341	Experimental search for the violation of Pauli exclusion principle: VIP-2 Collaboration. <i>European Physical Journal C</i> , 2018 , 78, 319	4.2	15
340	Underground Test of Quantum Mechanics: The VIP2 Experiment. <i>STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health</i> , 2018 , 155-168	0.2	1
339	Search for the violation of Pauli Exclusion Principle at LNGS. <i>EPJ Web of Conferences</i> , 2018 , 182, 02118	0.3	1
338	On the Importance of Electron Diffusion in a Bulk-Matter Test of the Pauli Exclusion Principle. <i>Entropy</i> , 2018 , 20,	2.8	10
337	Signals for invisible matter from solar - terrestrial observations. <i>EPJ Web of Conferences</i> , 2017 , 164, 070413	0.3	0
336	VIP-2 at LNGS: An experiment on the validity of the Pauli Exclusion Principle for electrons. <i>Journal of Physics: Conference Series</i> , 2017 , 873, 012018	0.3	
335	Underground tests of quantum mechanics. Whispers in the cosmic silence?. <i>Journal of Physics: Conference Series</i> , 2017 , 880, 012045	0.3	1
334	The Sun and its Planets as detectors for invisible matter. <i>Physics of the Dark Universe</i> , 2017 , 17, 13-21	4.4	31
333	Quantum mechanics under X-rays in the Gran Sasso underground laboratory. <i>International Journal of Quantum Information</i> , 2017 , 15, 1740004	0.8	2
332	Test of the Pauli Exclusion Principle in the VIP-2 Underground Experiment. <i>Entropy</i> , 2017 , 19, 300	2.8	12
331	Spontaneously Emitted X-rays: An Experimental Signature of the Dynamical Reduction Models. <i>Foundations of Physics</i> , 2016 , 46, 263-268	1.2	14
330	Application of photon detectors in the VIP2 experiment to test the Pauli Exclusion Principle. <i>Journal of Physics: Conference Series</i> , 2016 , 718, 052030	0.3	8
329	Searches for the violation of Pauli exclusion principle at LNGS in VIP(-2) experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 718, 042055	0.3	5
328	The X-ray machine for the examination of quantum mechanics. <i>International Journal of Quantum Information</i> , 2016 , 14, 1640017	0.8	2
327	Beyond Quantum Mechanics? Hunting the 'Impossible' Atoms --- Pauli Exclusion Principle Violation and Spontaneous Collapse of the Wave Function at Test. <i>Acta Physica Polonica B</i> , 2015 , 46, 147	1.9	3

326	Testing the Pauli Exclusion Principle for Electrons at LNGS. <i>Physics Procedia</i> , 2015 , 61, 552-559		2
325	VIP 2: experimental tests of the pauli exclusion principle for electrons. <i>Hyperfine Interactions</i> , 2015 , 233, 121-126	0.8	
324	High sensitivity tests of the Pauli Exclusion Principle with VIP2. <i>Journal of Physics: Conference Series</i> , 2015 , 631, 012070	0.3	3
323	Experimental search for the [Impossible atoms]Pauli Exclusion Principle violation and spontaneous collapse of the wave function at test. <i>Journal of Physics: Conference Series</i> , 2015 , 626, 012027	0.3	1
322	X rays on quantum mechanics: Pauli Exclusion Principle and collapse models at test. <i>Journal of Physics: Conference Series</i> , 2015 , 631, 012068	0.3	2
321	Quantum explorations: from the waltz of the Pauli exclusion principle to the rock of the spontaneous collapse. <i>Physica Scripta</i> , 2015 , 90, 028003	2.6	3
320	Hunting the "impossible atoms" Pauli exclusion principle violation and spontaneous collapse of the wave function at test. <i>International Journal of Quantum Information</i> , 2014 , 12, 1560012	0.8	
319	Experimental Tests of Quantum Mechanics: Pauli Exclusion Principle and Spontaneous Collapse Models. <i>Springer Proceedings in Physics</i> , 2014 , 181-187	0.2	
318	Neutrino speed: a report on the speed measurements of the BOREXINO, ICARUS and LVD experiments with the CNGS beam. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 235-236, 289-295		1
317	Testing the Pauli Exclusion Principle for Electrons. <i>Journal of Physics: Conference Series</i> , 2013 , 447, 0120703	0.3	11
316	A glimpse into the Pandora box of the quantum mechanics: The Pauli exclusion principle violation and spontaneous collapse models put at test 2012 ,		2
315	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 075001	2.9	317
314	Experimental tests of Quantum Mechanics: from Pauli Exclusion Principle Violation to spontaneous collapse models. <i>Journal of Physics: Conference Series</i> , 2012 , 361, 012006	0.3	5
313	Testing the Pauli Exclusion Principle for electrons. <i>Journal of Physics: Conference Series</i> , 2011 , 335, 0120603	0.3	2
312	Experimental tests of quantum mechanics [Pauli exclusion principle violation (the VIP experiment) and future perspective. <i>Journal of Physics: Conference Series</i> , 2011 , 306, 012036	0.3	7
311	Experimental tests of quantum mechanics: Pauli Exclusion Principle Violation (the VIP experiment) and future perspectives. <i>Physics Procedia</i> , 2011 , 17, 40-48		8
310	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
309	New Experimental Limit on the Pauli Exclusion Principle Violation by Electrons[the VIP Experiment. <i>Foundations of Physics</i> , 2011 , 41, 282-287	1.2	8

308	Measurement of the neutron detection efficiency of a 80% absorber π^0 scintillating fibers calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 626-627, 67-71	1.2	
307	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 694, 327-345	4.2	53
306	EXPERIMENTAL TESTS OF QUANTUM MECHANICS PAULI EXCLUSION PRINCIPLE VIOLATION (THE VIP EXPERIMENT) AND FUTURE PERSPECTIVES. <i>International Journal of Quantum Information</i> , 2011 , 09, 145-154	0.8	10
305	Search for new particles in two-jet final states in 7 TeV proton-proton collisions with the ATLAS detector at the LHC. <i>Physical Review Letters</i> , 2010 , 105, 161801	7.4	97
304	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	14
303	The VIP Experimental Limit on the Pauli Exclusion Principle Violation by Electrons. <i>Foundations of Physics</i> , 2010 , 40, 765-775	1.2	9
302	Charged-particle multiplicities in pp interactions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 21-42	4.2	121
301	Measurement of neutron detection efficiency between 22 and 174 MeV using two different kinds of Pb-scintillating fiber sampling calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 107-108	1.2	
300	RECENT RESULTS FROM KLOE AT DAΦNE. <i>International Journal of Modern Physics E</i> , 2009 , 18, 231-240	0.7	1
299	VIP EXPERIMENT: NEW EXPERIMENTAL LIMIT ON PAULI EXCLUSION PRINCIPLE VIOLATION BY ELECTRONS. <i>International Journal of Modern Physics A</i> , 2009 , 24, 506-510	1.2	1
298	A global fit to determine the pseudoscalar mixing angle and the gluonium content of the η meson. <i>Journal of High Energy Physics</i> , 2009 , 2009, 105-105	5.4	33
297	Scalar mesons at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 186, 290-293		20
296	Measurement and simulation of neutron detection efficiency in lead-scintillating fiber calorimeters. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 197, 353-357		
295	Calibration and performances of the KLOE calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 239-243	1.2	16
294	Measurement of the detection efficiency of the KLOE calorimeter for neutrons between 22 and 174 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 244-247	1.2	1
293	Measurement of $\Gamma(\pi^+\pi^-\pi^0)$ and the dipion contribution to the muon anomaly with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 285-291	4.2	123
292	Search for the $K_S \rightarrow e^+e^-$ decay with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 203-208	4.2	10
291	Measurement of the branching ratio and search for a CP violating asymmetry in the $K_S \rightarrow \pi^+\pi^-\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 283-288	4.2	15

290	Search for the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 10-14	4.2	10
289	Study of the $a_0(980)$ meson via the radiative decay $\pi^0 \rightarrow \gamma \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 5-13	4.2	46
288	The VIP experiment. <i>Journal of Physics: Conference Series</i> , 2009 , 174, 012065	0.3	
287	Measurement and simulation of the neutron detection efficiency with a Pb-scintillating fiber calorimeter. <i>Journal of Physics: Conference Series</i> , 2009 , 160, 012023	0.3	2
286	New experimental limit on the Pauli exclusion principle violation by electrons (the VIP experiment). <i>Journal of Physics: Conference Series</i> , 2009 , 171, 012031	0.3	
285	Measurement and Simulation of the Neutron Response and Detection Efficiency of a Pb-Scintillating Fiber Calorimeter. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1409-1412	1.7	
284	Determination of $\pi^0 \rightarrow \pi^+ \pi^-$ Dalitz plot slopes and asymmetries with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 006-006	5.4	10
283	Measurement of the $K_S \rightarrow \pi^+ \pi^-$ branching ratio using a pure K_S beam with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 051-051	5.4	
282	$ V_{us} $ and lepton universality from kaon decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 059-059	5.4	
281	Measurement of the charged kaon lifetime with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 073-073	5.4	2
280	Measurement of the absolute branching ratios for semileptonic $K \rightarrow \pi \ell \bar{\nu}_\ell$ decays with the KLOE detector. <i>Journal of High Energy Physics</i> , 2008 , 2008, 098-098	5.4	3
279	The ATLAS Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08003-S08003	1273	
278	Measurement of the absolute branching ratio of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 666, 305-310	4.2	7
277	Study of the process . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 223-228	4.2	36
276	A study of the radiative $KL \rightarrow \pi^0 \gamma$ decay and search for direct photon emission with the KLOE detector. <i>European Physical Journal C</i> , 2008 , 55, 539	4.2	3
275	Measurement of the pseudoscalar mixing angle and . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 267-273	4.2	86
274	Dalitz plot analysis of $e^+e^- \rightarrow \pi^0 \pi^0$ events at $(\sqrt{s} = m_{\phi})$ with the KLOE detector. <i>European Physical Journal C</i> , 2007 , 49, 473	4.2	53
273	Towards the european strategy for particle physics: The briefing book. <i>European Physical Journal C</i> , 2007 , 51, 421-500	4.2	8

272	Measurement and simulation of the neutron response and detection efficiency of a Pb-scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 368-372	1.2	14
271	LATEST RESULTS FROM KLOE AT DANIE. <i>International Journal of Modern Physics A</i> , 2007 , 22, 357-364	1.2	
270	VIP: AN EXPERIMENT TO SEARCH FOR A VIOLATION OF THE PAULI EXCLUSION PRINCIPLE. <i>International Journal of Modern Physics A</i> , 2007 , 22, 242-248	1.2	5
269	HIGH BRIGHTNESS LASER INDUCED MULTI-MEV ELECTRON/PROTON SOURCES. <i>International Journal of Modern Physics A</i> , 2007 , 22, 3810-3825	1.2	2
268	Measurement of the $KL \rightarrow \pi\pi$ form factor parameters with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 105-105	5.4	5
267	Precise measurements of the η meson and the neutral kaon masses with the KLOE detector. <i>Journal of High Energy Physics</i> , 2007 , 2007, 073-073	5.4	1
266	Status of the sparx project 2007 ,		1
265	New experimental limit on Pauli exclusion principle violation by electrons (VIP experiment). <i>Journal of Physics: Conference Series</i> , 2007 , 67, 012033	0.3	
264	Measurements of the absolute branching ratios for the dominant $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 43-50	4.2	55
263	Measurement of the absolute branching ratio for the $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 76-80	4.2	38
262	Study of the decay $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 148-154	4.2	67
261	Measurement of the form-factor slopes for the decay $KL \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 166-172	4.2	38
260	Study of the branching ratio and charge asymmetry for the decay $KS \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 173-182	4.2	52
259	Measurement of the branching ratio of the $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 140-145	4.2	21
258	New experimental limit on the Pauli exclusion principle violation by electrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 18-22	4.2	55
257	First observation of quantum interference in the process $B \rightarrow KS KL \rightarrow \pi\pi$: A test of quantum mechanics and CPT symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 642, 315-321	4.2	60
256	Precise measurement of $\Gamma(KS \rightarrow \pi\pi)/\Gamma(KS \rightarrow 00)$ with the KLOE detector at DANIE. <i>European Physical Journal C</i> , 2006 , 48, 767	4.2	16
255	Measurement of the DANIE luminosity with the KLOE detector using large angle Bhabha scattering. <i>European Physical Journal C</i> , 2006 , 47, 589	4.2	36

254	Measurement of $\pi^0 \rightarrow \gamma\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 12-24	4.2	182
253	Upper limit on the $B \rightarrow \pi\pi$ branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 276-280	4.2	20
252	Measurement of the leptonic decay widths of the η' -meson with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 608, 199-205	4.2	13
251	A direct search for the CP-violating decay $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 61-70	4.2	28
250	Measurement of the $\pi^0 \rightarrow \gamma\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 15-23	4.2	30
249	Meson decay studies with the KLOE detector at DAΦNE. <i>Nuclear Physics A</i> , 2005 , 752, 175-184	1.3	
248	The hadronic cross section measurement at KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 144, 231-237		1
247	RAP THERMOACOUSTIC DETECTION OF PARTICLES: FIRST RESULTS AT 4.2 K. <i>International Journal of Modern Physics A</i> , 2005 , 20, 7054-7056	1.2	1
246	RAP: thermoacoustic detection at the DAΦNE beam test facility. <i>Classical and Quantum Gravity</i> , 2004 , 21, S1197-S1201	3.3	5
245	The SPARC/X SASE-FEL Projects. <i>Laser and Particle Beams</i> , 2004 , 22, 341-350	0.9	7
244	Determination of $\pi^0 \rightarrow \gamma\gamma$ from radiative processes at DAΦNE. <i>European Physical Journal C</i> , 2004 , 33, s656-s658	4.2	4
243	Acoustic detection of particles in ultracryogenic resonant antenna (RAP). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 261-263	1.2	3
242	RAP: acoustic detection of particles in ultracryogenic resonant antenna. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 520, 205-207	1.2	
241	Status of the SPARC project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 528, 586-590	1.2	15
240	Upper limit on the $B \rightarrow \pi\pi$ branching ratio with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 591, 49-54	4.2	13
239	Measurement of the branching ratio for the decay $K_B \rightarrow \pi\pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 139-144	4.2	8
238	Conceptual design of a high-brightness linac for soft X-ray SASE-FEL source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 502-506	1.2	5
237	The SPARC project: a high-brightness electron beam source at LNF to drive a SASE-FEL experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 345-349	1.2	44

236	Measurement of the ratio $\Gamma(K_L \rightarrow \pi^0 \pi^0) / \Gamma(K_L \rightarrow \pi^+ \pi^-)$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 566, 61-69	4.2	10
235	Measuring the hadronic cross section via radiative return. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 116, 243-248		8
234	Studies of η meson radiative decays with KLOE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 117, 677-680		
233	Study of the decay $\eta \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 55-60	4.2	43
232	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 482, 364-386	1.2	209
231	The tracking detector of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 51-73	1.2	210
230	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 494, 326-331	1.2	19
229	Measurement of the branching fraction for the decay $K_S \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 37-42	4.2	13
228	Study of the decay $\eta \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
227	Study of the decay $\eta \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
226	Measurement of $\Gamma(K_S \rightarrow \pi^0 \pi^0) / \Gamma(K_S \rightarrow \pi^+ \pi^-)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 538, 21-26	4.2	16
225	Measurement of $\Gamma(\eta \rightarrow \pi^0 \pi^0) / \Gamma(\eta \rightarrow \pi^+ \pi^-)$ and the pseudoscalar mixing angle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 541, 45-51	4.2	42
224	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 25-28	1.2	10
223	Calibration and reconstruction performances of the KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 344-347	1.2	7
222	The KLOE trigger system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 465-469	1.2	
221	Observation of orbitally excited B mesons in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2001 , 64,	4.9	15
220	Search for color singlet technicolor particles in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 1110-5	7.4	12
219	Measurement of the differential dijet mass cross section in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2000 , 61,	4.9	7

218	Search for the charged Higgs boson in the decays of top quark pairs in the e^+e^- and $\mu^+\mu^-$ channels at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 2000 , 62,	4.9	35
217	Observation of diffractive b-quark production at the fermilab tevatron. <i>Physical Review Letters</i> , 2000 , 84, 232-7	7.4	41
216	Search for scalar top quark production in p&p collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 5273-8	7.4	26
215	Measurement of $\sin^2\theta_{\text{eff}}^e$ from $B \rightarrow J/\psi K_S$ with the CDF detector. <i>Physical Review D</i> , 2000 , 61,	4.9	100
214	Search for a W' boson via the decay mode $W' \rightarrow \mu^+\mu^-$ in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , 2000 , 84, 5716-21	7.4	12
213	Measurement of b-quark fragmentation fractions in p&p collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 1663-8	7.4	28
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165	Observation of the B_c Meson in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 2432-2437	7.4	242

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100	Measurement of the B Meson Differential Cross Section $d\sigma/dp_T$ in pp-bar Collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 1451-1455	7.4	116
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80	Search for the top quark decaying to a charged Higgs boson in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 73, 2667-2671	7.4	16
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68	Search for first-generation leptoquarks in p-bar-p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, R3939-R3944	4.9	30
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66	Inclusive χ_c and b-quark production in p-bar-p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 71, 2537-2541	7.4	89
65	Prompt photon cross section measurement in p-bar-p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 2998-3025	4.9	61
64	Measurement of bottom quark production in 1.8 TeV pp-bar collisions using muons from b-quark decays. <i>Physical Review Letters</i> , 1993 , 71, 2396-2400	7.4	65
63	Measurement of jet shapes in p-bar-p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 713-717	7.4	36
62	Measurement of the cross section for production of two isolated prompt photons in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 2232-2236	7.4	30
61	Search for $\Lambda_b \rightarrow J/\psi \Lambda^0$ in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 47, R2639-R2643	4.9	13
60	Study of four-jet events and evidence for double parton interactions in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 47, 4857-4871	4.9	131
59	Measurement of the dijet mass distribution in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 998-1008	4.9	15
58	Center-of-mass angular distribution of prompt photons produced in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 71, 679-683	7.4	7
57	Measurement of the production and muonic decay rate of W and Z bosons in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 28-32	7.4	36

56	Search for New Gauge Bosons in p-bar p Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1463-1467	467	48
55	Search for squarks and gluinos from p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 3439-3443	7-4	117
54	Dijet angular distribution in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 2896-2900	2900	22
53	Limit on the rare decay $W^{\pm} \rightarrow \gamma \pi^{\pm}$ in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 2160-2163	7-4	4
52	Measurement of the isolated prompt photon cross section in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 2734-2738	7-4	47
51	Inclusive jet cross section in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1104-1108	1108	75
50	Measurement of the ratio $B(W \rightarrow \tau \nu)/B(W \rightarrow e \nu)$ in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 3398-3402	7-4	20
49	Properties of events with large total transverse energy produced in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1992 , 45, 2249-2263	4-9	8
48	Lepton asymmetry in W-boson decays from p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1458-1462	7-4	9
47	Topology of three-jet events in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1992 , 45, 1448-1458	1458	243
46	Inclusive J/psi, psi(2S), and b-quark production in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 3704-3708	7-4	230
45	Measurement of the B-meson and b-quark cross sections at $\sqrt{s}=1.8$ TeV using the exclusive decay $B^{\pm} \rightarrow J/\psi K^{\pm}$. <i>Physical Review Letters</i> , 1992 , 68, 3403-3407	7-4	36
44	Limits on the production of massive stable charged particles. <i>Physical Review D</i> , 1992 , 46, R1889-R1894	4-9	25
43	Limit on the top-quark mass from proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1992 , 45, 3921-3948	4-9	69
42	Lower limit on the top-quark mass from events with two leptons in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 447-451	7-4	130
41	Measurement of the W-boson PT distribution in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 66, 2951-2955	7-4	38
40	Top-quark search in the electron+jets channel in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1991 , 43, 664-686	4-9	38
39	Measurement of the W-boson mass in 1.8-TeV p-bar p collisions. <i>Physical Review D</i> , 1991 , 43, 2070-2093	4-9	90

38	Measurement of the Z-boson pT distribution in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 67, 2937-2941	7.4	29
37	Measurement of $\sigma(B(W \rightarrow e \nu))$ and $\sigma(B(Z^0 \rightarrow e^+ e^-))$ in p-bar p collisions at $\sqrt{s} = 1800$ GeV. <i>Physical Review D</i> , 1991 , 44, 29-52	4.9	61
36	Search for $W' \rightarrow e \nu$ and $W' \rightarrow \text{micro } \nu$ in p-bar p Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 67, 2609-2613	7.4	29
35	Measurement of the e+e- Invariant-Mass Distribution in p-bar p Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 67, 2418-2422	7.4	30
34	Measurement of QCD jet broadening in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1991 , 44, 601-616	4.9	11
33	Determinaiton of $\sin^2 \theta_{\text{W}}$ from the forward-backward asymmetry in pp-bar $\rightarrow Z^0 X \rightarrow e^+ e^- X$ interactions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 67, 1502-1506	7.4	10
32	Measurement of $B^0 \bar{B}^0$ mixing at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1991 , 67, 3351-3355	7.4	23
31	The small angle spectrometer of CDF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 289, 375-383	1.2	1
30	Measurement of the W-boson mass. <i>Physical Review Letters</i> , 1990 , 65, 2243-2246	7.4	128
29	Search for a light Higgs boson at the Fermilab Tevatron proton-antiproton collider. <i>Physical Review D</i> , 1990 , 41, 1717-1721	4.9	2
28	Search for new heavy quarks in electron-muon events at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1990 , 64, 147-151	7.4	93
27	Two-jet differential cross section in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1990 , 64, 157-160	7.4	15
26	Jet-fragmentation properties in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1990 , 65, 968-971	7.4	27
25	Search for the top quark in the reaction p-bar p \rightarrow electron+jets at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1990 , 64, 142-146	7.4	153
24	Measurement of D production in jets from p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1990 , 64, 348-352	7.4	12
23	Measurement of the ratio $\sigma(W \rightarrow e \nu) / \sigma(Z \rightarrow e e)$ in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1990 , 64, 152-156	7.4	28
22	Two-jet invariant-mass distribution at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1990 , 41, 1722-1725	4.9	37
21	Pseudorapidity distributions of charged particles produced in p-bar p interactions at $\sqrt{s} = 630$ and 1800 GeV. <i>Physical Review D</i> , 1990 , 41, 2330-2333	4.9	171

20	Limits on the masses of supersymmetric particles from 1.8-TeV pp-bar collisions. <i>Physical Review Letters</i> , 1989 , 62, 1825-1828	7.4	109
19	Measurement of W-boson production in 1.8-TeV p-barp collisions. <i>Physical Review Letters</i> , 1989 , 62, 1005-1008	7.4	26
18	Measurement of the inclusive jet cross section in p-barp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1989 , 62, 613-616	7.4	69
17	Measurement of the mass and width of the Z0 boson at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1989 , 63, 720-723	7.4	82
16	Search for heavy stable particles in 1.8-TeV pp-bar collisions at the Fermilab collider. <i>Physical Review Letters</i> , 1989 , 63, 1447-1450	7.4	24
15	Dijet angular distributions from p-barp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1989 , 62, 3020-3023	7.4	23
14	K0S production in p-barp interactions at $\sqrt{s}=630$ and 1800 GeV. <i>Physical Review D</i> , 1989 , 40, 3791-3794	7.4	19
13	The CDF detector: an overview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988 , 271, 387-403	1.2	415
12	The CDF central and endwall hadron calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988 , 267, 301-314	1.2	131
11	Transverse-momentum distributions of charged particles produced in p-barp interactions at $\sqrt{s}=630$ and 1800 GeV. <i>Physical Review Letters</i> , 1988 , 61, 1819-1822	7.4	172
10	Influence of magnetic fields on the response of acrylic scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987 , 254, 561-562	1.2	17
9	Construction and performance of silicon detectors for the small angle spectrometers of the collider detector of fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987 , 253, 537-541	1.2	1
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7	Test of a drift chamber with second coordinate readout by charge division. <i>Nuclear Instruments & Methods in Physics Research</i> , 1982 , 192, 223-230		1
6	High performance, low cost shower detectors for low energy γ rays. <i>Nuclear Instruments & Methods</i> , 1980 , 178, 401-409		5
5	Experimental confirmation of the $\chi(1250)$ structure and first observation of the leptonic decay of the $\chi(1250)$ 1979 , 49, 207-216		20
4	Measurement of the photoproduction phases of the ρ^0 and ω mesons 1978 , 44, 587-598		2
3	A search for new vector mesons in the mass range between 0.9 and 2.2 GeV 1977 , 39, 374-402		11

2	The Project Plasmonx for Plasma Acceleration Experiments and A Thomson X-Ray Source at SPARC	2
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1	Status report on DA/spl Phi/NE	3
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