

# Riccardo Faccini

## 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.

217  
papers

6,672  
citations

40  
h-index

75  
g-index

231  
ext. papers

7,562  
ext. citations

3.9  
avg, IF

3.86  
L-index

#	Paper	IF	Citations
217	Search for Darkonium in $e^+e^-$ Collisions.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 021802	7.4	
216	Multimodal evaluation of F-BPA internalization in pancreatic cancer cells for boron capture and proton therapy potential applications.. <i>Physica Medica</i> , <b>2022</b> , 94, 75-84	2.7	
215	Role of radiomics in predicting lung cancer spread through air spaces in a heterogeneous dataset.. <i>Translational Lung Cancer Research</i> , <b>2022</b> , 11, 560-571	4.4	0
214	Charge identification of nuclear fragments with the FOOT Time-Of-Flight system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2021</b> , 1001, 165206	1.2	2
213	First Results of $\beta$ Radioguided Surgery in Small Intestine Neuroendocrine Tumors with Y-DOTATOC. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>2021</b> , 36, 397-406	3.9	2
212	In Silico Validation of MCID Platform for Monte Carlo-Based Voxel Dosimetry Applied to $^{90}\text{Y}$ -Radioembolization of Liver Malignancies. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1939	2.6	1
211	Stability and efficiency of a CMOS sensor as detector of low energy $\beta$ and $\alpha$ particles. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P11003-P11003	1	1
210	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow \mu^+ X_{\text{cc}}^-$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 152001	7.4	4
209	Preliminary results in using Deep Learning to emulate BLOB, a nuclear interaction model. <i>Physica Medica</i> , <b>2020</b> , 73, 65-72	2.7	3
208	Radioguided surgery with $\beta$ radiation in pancreatic Neuroendocrine Tumors: a feasibility study. <i>Scientific Reports</i> , <b>2020</b> , 10, 4015	4.9	4
207	Measurement of $^{12}\text{C}$ Fragmentation Cross Sections on C, O, and H in the Energy Range of Interest for Particle Therapy Applications. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , <b>2020</b> , 4, 269-282	4.2	3
206	Tumor-non-tumor discrimination by a $\beta$ detector for Radio Guided Surgery on ex-vivo neuroendocrine tumors samples. <i>Physica Medica</i> , <b>2020</b> , 72, 96-102	2.7	4
205	A DROP-IN beta probe for robot-assisted Ga-PSMA radioguided surgery: first ex vivo technology evaluation using prostate cancer specimens. <i>EJNMMI Research</i> , <b>2020</b> , 10, 92	3.6	13
204	Search for lepton-flavor-violating decays $D_0 \rightarrow X_0 e \mu$ . <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
203	Feasibility study on the use of CMOS sensors as detectors in radioguided surgery with $\beta$ emitters. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 165, 109347	1.7	3
202	MR-based artificial intelligence model to assess response to therapy in locally advanced rectal cancer. <i>European Journal of Radiology</i> , <b>2019</b> , 118, 1-9	4.7	37
201	The $\beta$ radio-guided surgery: Method to estimate the minimum injectable activity from ex-vivo test. <i>Physica Medica</i> , <b>2019</b> , 58, 114-120	2.7	8

200	Radio-Guided Surgery with $\gamma$ Radiation: Tests on Ex-Vivo Specimens. <i>IFMBE Proceedings</i> , <b>2019</b> , 693-697	0.2	1
199	Preliminary results coupling "Stochastic Mean Field" and "Boltzmann-Langevin One Body" models with Geant4. <i>Physica Medica</i> , <b>2019</b> , 67, 116-122	2.7	5
198	Ion charge separation with new generation of nuclear emulsion films. <i>Open Physics</i> , <b>2019</b> , 17, 233-240	1.3	7
197	Search for $B \rightarrow \mu \mu$ with the BaBar experiment. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
196	Characterisation of a $\gamma$ detector on positron emitters for medical applications. <i>Physica Medica</i> , <b>2019</b> , 67, 85-90	2.7	9
195	From interventionist imaging to intraoperative guidance: New perspectives by combining advanced tools and navigation with radio-guided surgery. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , <b>2018</b> , 37, 28-40	0.1	1
194	Secondary radiation measurements for particle therapy applications: charged particles produced by He and C ion beams in a PMMA target at large angle. <i>Physics in Medicine and Biology</i> , <b>2018</b> , 63, 055018	3.8	11
193	Mass spectrometry characterization of DOTA-Nimotuzumab conjugate as precursor of an innovative $\beta$ tracer suitable in radio-guided surgery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 156, 8-15	3.5	3
192	Use of a CMOS image sensor for beta-emitting radionuclide measurements. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P07003-P07003	1	4
191	Position sensitive $\gamma$ detector based on p-terphenyl scintillator for medical applications. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P07001-P07001	1	
190	From interventionist imaging to intraoperative guidance: New perspectives by combining advanced tools and navigation with radio-guided surgery. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , <b>2018</b> , 37, 28-40	0.4	1
189	Measurement of $\cos^2 \theta$ in $B^0 \rightarrow \mu^+ \mu^-$ with D- $\mu$ S0 decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
188	Search for the decay mode $B^0 \rightarrow \mu \mu \mu$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	1
187	Radioguided surgery with $\gamma$ radiation: a novel application with Ga. <i>Scientific Reports</i> , <b>2018</b> , 8, 16171	4.9	13
186	Study of $\pi(1S)$ radiative decays to $\mu \mu$ and $K^+ K^-$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
185	Design of a tracking device for on-line dose monitoring in hadrontherapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 845, 679-683	1.2	7
184	Intraoperative probe detecting $\gamma$ decays in brain tumour radio-guided surgery. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 845, 689-692	1.2	10
183	Design of a new tracking device for on-line beam range monitor in carbon therapy. <i>Physica Medica</i> , <b>2017</b> , 34, 18-27	2.7	21

182	Secondary radiation measurements for particle therapy applications: nuclear fragmentation produced by He ion beams in a PMMA target. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 1291-1309	3.8	19
181	Y3+ embedded in polymeric nanoparticles: Morphology, dimension and stability of composite colloidal system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 125-131	5.1	13
180	Benchmarking Geant4 hadronic models for prompt- $\gamma$ monitoring in carbon ion therapy. <i>Medical Physics</i> , <b>2017</b> , 44, 4276-4286	4.4	8
179	Search for Invisible Decays of a Dark Photon Produced in $e^+e^-$ Collisions at BaBar. <i>Physical Review Letters</i> , <b>2017</b> , 119, 131804	7.4	113
178	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	13
177	Measurement of the $D^{*}(2010)^+-D^+$ Mass Difference. <i>Physical Review Letters</i> , <b>2017</b> , 119, 202003	7.4	1
176	Use of bremsstrahlung radiation to identify hidden weak sources: feasibility and possible use in radio-guided surgery. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P11006-P11006	1	
175	Feasibility of beta-particle radioguided surgery for a variety of "nuclear medicine" radionuclides. <i>Physica Medica</i> , <b>2017</b> , 43, 127-133	2.7	18
174	Evidence for CP violation in $B \rightarrow K^*(892)^+ \pi^0$ from a Dalitz plot analysis of $B \rightarrow K_S^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
173	Measurement of secondary particle production induced by particle therapy ion beams impinging on a PMMA target. <i>EPJ Web of Conferences</i> , <b>2016</b> , 117, 05007	0.3	2
172	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^{*+} X$ and kaon tagging. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	2
171	Observation of $B \rightarrow D^{*+} \pi^+ \pi^- \pi^0$ Decays in $e^+e^-$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , <b>2016</b> , 116, 041801	7.4	8
170	An Intraoperative $\beta^-$ Detecting Probe for Radio-Guided Surgery in Tumour Resection. <i>IEEE Transactions on Nuclear Science</i> , <b>2016</b> , 63, 2533-2539	1.7	8
169	Monitoring of Hadrontherapy Treatments by Means of Charged Particle Detection. <i>Frontiers in Oncology</i> , <b>2016</b> , 6, 177	5.3	19
168	First ex vivo validation of a radioguided surgery technique with $\beta^-$ radiation. <i>Physica Medica</i> , <b>2016</b> , 32, 1139-44	2.7	24
167	Tests of CPT symmetry in $B^0 \bar{B}^0$ mixing and in $B^0 \rightarrow \rho^+ K^0$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
166	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	66
165	Measurement of the branching fractions of the radiative leptonic $\tau$ decays $\tau \rightarrow \mu \gamma$ and $\tau \rightarrow e \gamma$ at BABAR. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	8

164	A Study of Monitoring Performances with the INSIDE System. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1468-1470	10
163	Study of $B^0 \rightarrow \rho^0 K^0$ and search for $B^0 \rightarrow \rho^0 \pi^0$ at BaBar. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 27
162	Study of CP asymmetry in $B^0 \rightarrow B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4 13
161	Search for Long-Lived Particles in $e^+ e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4 19
160	Dalitz plot analyses of $B^0 \rightarrow \rho^0 K^+$ and $B^+ \rightarrow \rho^0 K^+$ decays. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 22
159	The INSIDE Project: Innovative Solutions for In-Beam Dosimetry in Hadrontherapy. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1465-1467	0.6 22
158	$^3\text{He}$ -free neutron detectors and their applications. <i>European Physical Journal Plus</i> , <b>2015</b> , 130, 1	3.1 7
157	Dose monitoring in particle therapy. <i>Modern Physics Letters A</i> , <b>2015</b> , 30, 1540023	1.3 6
156	Toward radioguided surgery with $\beta$ decays: uptake of a somatostatin analogue, DOTATOC, in meningioma and high-grade glioma. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 3-8	8.9 43
155	Measurement of the $D^0 \rightarrow \pi^+ \pi^-$ differential decay branching fraction as a function of $q^2$ and study of form factor parametrizations. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 23
154	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 7
153	Note on the newly observed $Y(4220)$ resonance. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 9
152	Measurement of initial-state-final-state radiation interference in the processes $e^+ e^- \rightarrow \pi^+ \pi^-$ and $e^+ e^- \rightarrow \rho^+ \rho^-$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9 6
151	First Observation of CP Violation in $B^0 \rightarrow \rho^0 \pi^0$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , <b>2015</b> , 115, 121604	7.4 10
150	Observation of the baryonic decay $B^0 \rightarrow \rho^0 p \bar{K}^0$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9 2
149	Measurement of charged particle yields from therapeutic beams in view of the design of an innovative hadrontherapy dose monitor. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C02032-C02032	1 2
148	Intraoperative $\beta$ -detecting probe for radio-guided surgery in tumour resection <b>2015</b> ,	1
147	Polycrystalline para-terphenyl scintillator adopted in a $\beta$ -detecting probe for radio-guided surgery. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 620, 012009	0.3 4

146	Time Evolution of DOTATOC Uptake in Neuroendocrine Tumors in View of a Possible Application of Radioguided Surgery with $^{67}\text{Ga}$ Decay. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 1501-6	8.9	23
145	Prompt- $\beta$ -production of 220 MeV/u $^{12}\text{C}$ ions interacting with a PMMA target. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P10034-P10034	1	12
144	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 740, 138-146	1.2	8
143	Measurement of charged particle yields from PMMA irradiated by a 220 MeV/u ( $^{12}\text{C}$ ) beam. <i>Physics in Medicine and Biology</i> , <b>2014</b> , 59, 1857-72	3.8	52
142	Search for a dark photon in $e^+e^-$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7.4	241
141	First CUORE-0 Performance Results and Status of CUORE Experiment. <i>Journal of Low Temperature Physics</i> , <b>2014</b> , 176, 986-994	1.3	1
140	Search for neutron flux generation in a plasma discharge electrolytic cell. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	1
139	Search for lepton-number violating $B \rightarrow X \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	22
138	Properties of para-Terphenyl as a Detector for $\alpha$ , $\beta$ and $\gamma$ Radiation. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 1483-1487	1.7	25
137	Study of the radiation damage of Silicon Photo-Multipliers at the GELINA facility. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P04004-P04004	1	7
136	An innovative radio-guided surgery technique for complete resection of tumors. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 566, 012020	0.3	
135	A novel radioguided surgery technique exploiting $^{67}\text{Ga}$ decays. <i>Scientific Reports</i> , <b>2014</b> , 4, 4401	4.9	33
134	Search for new $\Omega$ -like particles produced in association with a lepton pair. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	1
133	Bottomonium spectroscopy and radiative transitions involving the $\chi_{J(1P,2P)}$ states at BaBar. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	5
132	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
131	Measurements of direct CP asymmetries in $B \rightarrow X s \ell$ decays using sum of exclusive decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	9
130	Evidence for the decay $B_0 \rightarrow \mu^+ \mu^-$ and search for $B_0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
129	Cross sections for the reactions $e^+e^- \rightarrow K^0 \bar{K}^0 L^0 \bar{L}^0$ , $K^0 \bar{K}^0 L^0 L^0$ and $K^0 \bar{K}^0 K^0 \bar{K}^0$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32

128	Search for the decay $B^0 \rightarrow \rho^+ \rho^-$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	3
127	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e^+e^-$ annihilation at BABAR. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	58
126	Dalitz plot analysis of $B \rightarrow \eta + K$ and $B \rightarrow \eta' + K$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
125	Evidence for the baryonic decay $B^0 \rightarrow \rho^0$ . <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	4
124	Study of the reaction $e^+e^- \rightarrow \rho^0 \gamma \rightarrow \rho^0 \pi^+ \pi^-$ via initial-state radiation at BaBar. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
123	Antideuteron production in $\eta$ (nS) decays and in $e^+e^- \rightarrow q\bar{q}$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	9
122	Extended calibration range for prompt photon emission in ion beam irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 745, 114-118	1.2	7
121	SPARC_LAB present and future. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 309, 183-188	1.2	110
120	First electrons from the new 220TW Frascati Laser for Acceleration and Multidisciplinary Experiments (FLAME) at Frascati National Laboratories (LNF). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 720, 95-99	1.2	4
119	A LYSO calorimeter for the SuperB factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 107-109	1.2	17
118	The low energy spectrum of TeO <sub>2</sub> bolometers: results and dark matter perspectives for the CUORE-0 and CUORE experiments. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 038-038	6.4	13
117	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 726, 203-213	1.2	86
116	Validation of techniques to mitigate copper surface contamination in CUORE. <i>Astroparticle Physics</i> , <b>2013</b> , 45, 13-22	2.4	51
115	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	10
114	Branching fraction measurement of $B^+ \rightarrow \rho^0 \pi^+$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
113	Search for direct CP violation in singly Cabibbo-suppressed $D \rightarrow \eta + K$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	7
112	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	26
111	Study of $e^+e^- \rightarrow \rho^0 \pi^+ \pi^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77

110	Measurement of the $D^*(2010)^+$ natural linewidth and the $D^*(2010)^+D_0$ mass difference. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
109	Search for $B \rightarrow \psi(3770) \gamma$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
108	Search for CP violation in $B_0$ - $\bar{B}_0$ mixing using partial reconstruction of $B_0 \rightarrow D^{*-} X^0$ and a kaon tag. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101802	7.4	19
107	Measurement of the $D^*(2010)^+$ meson width and the $D^*(2010)^+ - D_0$ mass difference. <i>Physical Review Letters</i> , <b>2013</b> , 111, 111801	7.4	25
106	Measurement of an excess of $B \rightarrow D^{(*)} \pi \pi$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	34 <sup>o</sup>
105	Precision measurement of the $e^+e^- \rightarrow K^+K^-$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	59
104	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	38
103	Search for CP violation in the decays $D^0 \rightarrow \psi S^0 K^0$ , $D_s^0 \rightarrow \psi S^0 K^0$ , and $D_s^0 \rightarrow \psi S^0 \pi^0$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
102	Measurement of the $e^+e^- \rightarrow p\bar{p}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	4 <sup>o</sup>
101	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	31
100	Measurement of the $B^+ \rightarrow \mu^+ \pi^0$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
99	Production of charged pions, kaons, and protons in $e^+e^-$ annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	37
98	Measurement of the mass of the $D_0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
97	Search for a light Higgs boson decaying to two gluons or $ss$ in the radiative decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
96	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B^0 \rightarrow D^{(*)} K^{*0}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29
95	JPG=1 <sup>++</sup> charged resonance in the $\Upsilon(4260) \rightarrow \psi \pi \pi$ decay?. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	87
94	Study of the decay $B^0 \rightarrow \rho^+ \pi^-$ and its intermediate states. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	3
93	Search for the rare decays $B \rightarrow \mu^+ \mu^-$ and $B_0 \rightarrow \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8

92	Measurement of $D^0\bar{D}^0$ mixing and CP violation in two-body $D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	27
91	Evidence of $B \rightarrow \mu\mu$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	65
90	Measurement of CP-violating asymmetries in $B^0 \rightarrow \mu\mu$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
89	Study of the time and space distribution of emitters from carbon ion beam irradiation on PMMA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2012</b> , 283, 1-8	1.2	13
88	Observation of time-reversal violation in the $B^0$ meson system. <i>Physical Review Letters</i> , <b>2012</b> , 109, 211801	4.4	96
87	Measurement of $B(B \rightarrow \gamma s)$ , the $B \rightarrow \gamma s$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow \gamma s + d$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	34
86	Search for double- $\beta$ decay of $^{130}\text{Te}$ to the first $0^+$ excited state of $^{130}\text{Xe}$ with the CUORICINO experiment bolometer array. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	14
85	EXOTIC HEAVY QUARKONIUM SPECTROSCOPY: A MINI-REVIEW. <i>Modern Physics Letters A</i> , <b>2012</b> , 27, 1230025	0.9	40
84	CUORE crystal validation runs: Results on radioactive contamination and extrapolation to CUORE background. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 839-849	2.4	51
83	Charged particle's flux measurement from PMMA irradiated by 80 MeV/u carbon ion beam. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 5667-78	3.8	33
82	Precise measurement of the $e^+e^- \rightarrow \mu\mu$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	110
81	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow \mu^* \mu$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	82
80	Study of high-multiplicity three-prong and five-prong $\tau$ decays at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
79	Study of $X(3915) \rightarrow g/\pi$ in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	52
78	Exclusive measurements of $b \rightarrow s\tau$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40
77	Precision measurement of the $B \rightarrow \gamma s$ photon energy spectrum, branching fraction, and direct CP asymmetry $A(\text{CP})(B \rightarrow \gamma(s+d))$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
76	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow \mu^* + D^* \mu$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
75	Study of the baryonic B decay $B \rightarrow \mu^+ + p$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14

74	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	51
73	Search for lepton-number violating processes in $B \rightarrow g \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
72	Search for the decay modes $D^0 \rightarrow g e^+ D^0$ and $D^0 \rightarrow g \mu^+$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
71	Evidence for an excess of $B \rightarrow D^{*+} \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456
70	Spin of the X(3872). <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	11
69	Study of the reaction $e^+e^- \rightarrow \ell^+ \ell^- \gamma$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	75
68	Branching fraction of $B_s^0 \rightarrow K_s^0 \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
67	Improved limits on $B^0$ decays to invisible ( $\gamma$ ) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
66	Search for resonances decaying to $\ell^+ \ell^-$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
65	Precise measurement of prompt photon emission from 80 MeV/u carbon ion beam irradiation. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P03001-P03001	1	23
64	Dependence of the energy resolution of a scintillating crystal on the readout integration time. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P09014-P09014	1	
63	The SuperBFactory Electromagnetic Calorimeter. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 404, 012065.3		
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61	Search for $\mu^+/\mu^-$ /EC double beta decay of $^{120}\text{Te}$ . <i>Astroparticle Physics</i> , <b>2011</b> , 34, 643-648	2.4	15
60	$^{130}\text{Te}$ neutrinoless double-beta decay with CUORICINO. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 822-831	2.4	180
59	Charmed baryonium. <i>Physical Review Letters</i> , <b>2010</b> , 104, 132005	7.4	85
58	A self-injection acceleration test experiment for the FLAME laser. <i>Radiation Effects and Defects in Solids</i> , <b>2010</b> , 165, 787-793	0.9	3
57	Multi-GeV electron spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 704-708	1.2	1

56	Silicon photo-multiplier radiation hardness tests with a beam controlled neutron source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 921-926	1.2	21
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54	Branching fractions and CP-violating asymmetries in radiative B decays to $\bar{K}^0$ . <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
53	Exotic hadrons with hidden charm and strangeness. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	54
52	CUORE EXPERIMENT: THE SEARCH FOR NEUTRINOLESS DOUBLE BETA DECAY. <i>International Journal of Modern Physics A</i> , <b>2008</b> , 23, 3395-3398	1.2	10
51	Towards a new spectroscopy. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2008</b> , 185, 99-106		
50	Higher tetraquark particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 669, 160-166	4.2	53
49	Performance and Aging Studies of BaBar Resistive Plate Chambers. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 158, 139-142		3
48	BaBar forward endcap upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 539, 155-171	1.2	9
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46	ESTABLISHMENT OF CP VIOLATION IN B DECAYS. <i>Annual Review of Nuclear and Particle Science</i> , <b>2003</b> , 53, 353-386	15.7	7
45	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 479, 1-116	1.2	1077
44	Hard-photon production and tests of QED at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 198-205	4.2	7
43	Measurement of the running of the fine-structure constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 476, 40-48	4.2	17
42	Measurement of the $e^+e^- \rightarrow \gamma^* \rightarrow \mu^+\mu^-$ cross section and determination of quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 39-49	4.2	12
41	Measurement of hadron and lepton-pair production at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 101-117	4.2	25
40	Production of single W bosons at GeV and measurement of $WW\gamma$ gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 229-240	4.2	9
39	Search for anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in the process $e^+e^- \rightarrow \gamma^* \rightarrow Z\gamma$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 55-64	4.2	11

38	Search for manifestations of new physics in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 81-92	4.2	48
37	QCD studies in $e^+e^-$ annihilation from 30 GeV to 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 489, 65-80	4.2	21
36	Search for excited leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 473, 177-185	4.2	4
35	Direct observation of longitudinally polarised $W^\pm$ bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 474, 194-204	4.2	6
34	Search for charginos and neutralinos in $e^+e^-$ collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 472, 420-433	4.2	49
33	Search for the standard model Higgs boson in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 461, 376-386	4.2	17
32	Search for heavy neutral and charged leptons in $e^+e^-$ annihilation at $\sqrt{s} = 183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 354-364	4.2	7
31	Search for low scale gravity effects in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 464, 135-144	4.2	45
30	Search for extra dimensions in boson and fermion pair production in $e^+e^-$ interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 470, 281-288	4.2	41
29	Search for heavy isosinglet neutrinos in $e^+e^-$ annihilation at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 461, 397-404	4.2	11
28	Study of Z boson pair production in $e^+e^-$ collisions at LEP at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 465, 363-375	4.2	20
27	Single and multi-photon events with missing energy in $e^+e^-$ collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 470, 268-280	4.2	36
26	Search for neutral Higgs bosons of the Minimal Supersymmetric Standard Model in $e^+e^-$ interactions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 471, 321-331	4.2	4
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24	Search for anomalous four-jet events in $e^+e^-$ annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 411, 330-338	4.2	1
23	Search for the standard model Higgs boson in $e^+e^-$ interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 411, 373-386	4.2	32
22	Search for heavy neutral and charged leptons in $e^+e^-$ annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 412, 189-200	4.2	8
21	Hard-photon production at and 172 GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 413, 159-166	4.2	9

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19	A lead-scintillating fiber calorimeter to increase L3 hermeticity. <i>Nuclear Physics, Section B, Proceedings Supplements, 1997</i> , 54, 210-213		
18	Measurement of W-pair cross sections in e+e <sup>-</sup> interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997</i> , 407, 419-431	4.2	10
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15	Precise determination of the light yield of scintillating crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997</i> , 385, 69-73	1.2	17
14	The L3 lead-scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996</i> , 374, 293-298	1.2	88
13	Search for supersymmetric particles at 130 GeV <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996</i> , 377, 289-303	4.2	25
12	Measurement of the Michel parameters and the average $\tau$ neutrino helicity from $\tau$ decays in e+e <sup>-</sup> g $\tau$ $\tau$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996</i> , 377, 313-324	4.2	15
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10	Search for new particles in hadronic events with isolated photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996</i> , 388, 409-418	4.2	11
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7	One-prong $\tau$ decays with neutral kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995</i> , 352, 487-497	4.2	14
6	Tests of QED at LEP energies using e+e <sup>-</sup> $\mu\mu$ and e+e <sup>-</sup> $\mu\mu\mu$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995</i> , 353, 136-144	4.2	25
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1	Hydrophilic Gold Nanoparticles as Anti-PD-L1 Antibody Carriers: Synthesis and Interface Properties. <i>Particle and Particle Systems Characterization</i> , 2100282	3.1	2