

Leandro de Paula

List of Publications by Citations

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571
papers

19,610
citations

64
h-index

112
g-index

587
ext. papers

22,788
ext. citations

5.1
avg, IF

6.4
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 571 | The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08005-S08005 | 1 | 622 |
| 570 | Observation of J/ψ Resonances Consistent with Pentaquark States in $B^0 \rightarrow \psi \rho$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 072001 | 7.4 | 580 |
| 569 | Test of lepton universality using $b \rightarrow c \tau \nu$ decays. <i>Physical Review Letters</i> , 2014 , 113, 151601 | 7.4 | 542 |
| 568 | LHCb detector performance. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530022 | 1.2 | 452 |
| 567 | Observation of the rare $B(s) \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. <i>Nature</i> , 2015 , 522, 68-72 | 50.4 | 326 |
| 566 | Measurement of the ratio of branching fractions $B(B \rightarrow \mu^+ \mu^-) / B(B \rightarrow e^+ e^-)$. <i>Physical Review Letters</i> , 2015 , 115, 111803 | 7.4 | 316 |
| 565 | Measurement of form-factor-independent observables in the decay $B \rightarrow K^{*0} \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2013 , 111, 191801 | 7.4 | 314 |
| 564 | Test of lepton universality with $B \rightarrow c \tau \nu$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 298 |
| 563 | First evidence for the decay $B(s) \rightarrow \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2013 , 110, 021801 | 7.4 | 263 |
| 562 | Observation of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2017 , 119, 112001 | 7.4 | 257 |
| 561 | Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 378, 57-100 | 1.2 | 248 |
| 560 | Observation of the resonant character of the $Z(4430)^-$ state. <i>Physical Review Letters</i> , 2014 , 112, 222002 | 7.4 | 234 |
| 559 | Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , 2013 , 110, 222001 | 7.4 | 234 |
| 558 | Angular analysis of the $B \rightarrow c \tau \nu$ decay using 3 fb of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 232 |
| 557 | Measurement of the $B_s \rightarrow \mu^+ \mu^-$ branching fraction and search for $B \rightarrow \mu^+ \mu^-$ decays at the LHCb experiment. <i>Physical Review Letters</i> , 2013 , 111, 101805 | 7.4 | 221 |
| 556 | Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 216 |
| 555 | Observation of a Narrow Pentaquark State, $P_c(4312)^+$, and of the Two-Peak Structure of the $P_c(4450)^+$. <i>Physical Review Letters</i> , 2019 , 122, 222001 | 7.4 | 199 |

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| 554 | Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 57-71 | | 199 |
| 553 | Prompt charm production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Nuclear Physics B</i> , 2013 , 871, 1-20 | 2.8 | 163 |
| 552 | Observation of Five New Narrow χ_{c0} States Decaying to $\chi_{c1} K^{\pm}$. <i>Physical Review Letters</i> , 2017 , 118, 182001 | 7.4 | 154 |
| 551 | Searches for supersymmetric particles in e + e- collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , 2003 , 31, 421-479 | 4.2 | 153 |
| 550 | Evidence for CP violation in time-integrated $D^0 \rightarrow h^{\pm} h^{\pm}$ decay rates. <i>Physical Review Letters</i> , 2012 , 108, 111602 | 7.4 | 150 |
| 549 | Strong constraints on the rare decays $B(s) \rightarrow \mu^{\pm} \mu^{\pm}$ and $B^0 \rightarrow \mu^{\pm} \mu^{\pm}$. <i>Physical Review Letters</i> , 2012 , 108, 231801 | 7.4 | 144 |
| 548 | Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \pi^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 138 |
| 547 | Search for Lepton-Universality Violation in $B^{\pm} \rightarrow K^{\pm} \mu^{\pm} \mu^{\mp}$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191801 | 7.4 | 137 |
| 546 | Measurement of the Ratio of the $B^{\pm} \rightarrow D^{*\mp} \mu^{\pm} \mu^{\mp}$ and $B^{\pm} \rightarrow D^{*\mp} \tau^{\pm} \tau^{\mp}$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , 2018 , 120, 171802 | 7.4 | 126 |
| 545 | Observation of X(3872) production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 121 |
| 544 | Photon events with missing energy in e + e- collisions at $\sqrt{s} = 130$ to 209 GeV. <i>European Physical Journal C</i> , 2005 , 38, 395-411 | 4.2 | 117 |
| 543 | Measurement of the Ratio of Branching Fractions $B(B_{c1}^{\pm} \rightarrow \mu^{\pm} \mu^{\mp})/B(B_c^{\pm} \rightarrow \mu^{\pm} \mu^{\mp})$. <i>Physical Review Letters</i> , 2018 , 120, 121801 | 7.4 | 109 |
| 542 | Measurement of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 694, 209-216 | 4.2 | 107 |
| 541 | Test of lepton flavor universality by the measurement of the $B^0 \rightarrow D^{*0} \mu^{\pm} \mu^{\mp}$ branching fraction using three-prong decays. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 106 |
| 540 | Measurement of the $B_{s1}^{\pm} \rightarrow \mu^{\pm} \mu^{\mp}$ Branching Fraction and Effective Lifetime and Search for $B^{\pm} \rightarrow \mu^{\pm} \mu^{\mp}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 191801 | 7.4 | 106 |
| 539 | Measurement of b hadron production fractions in 7 TeV pp collisions. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 105 |
| 538 | Observation of α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 52-59 | 4.2 | 104 |
| 537 | Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \pi^0 \pi^{\pm} \pi^{\mp}$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 99 |

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| 536 | Observation of J/ψ Structures Consistent with Exotic States from Amplitude Analysis of $B^{+}\text{-}\psi/K^{+}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 022003 | 7.4 | 98 |
| 535 | Measurement of the CP-violating phase $\gamma(s)$ in the decay $B(s)0 \text{-} J/\psi$. <i>Physical Review Letters</i> , 2012 , 108, 101803 | 7.4 | 95 |
| 534 | Evidence for Exotic Hadron Contributions to $\psi(b)^{0}\text{-}\psi/\psi^{+}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082003 | 7.4 | 91 |
| 533 | Measurement of ρ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2631 | 4.2 | 87 |
| 532 | Differential branching fraction and angular analysis of the decay $(B_{s}^{0}) \text{-} J/\psi \psi$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 86 |
| 531 | Observation of double charm production involving open charm in pp collisions at $(\sqrt{s} = 7\text{;}\text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 86 |
| 530 | Model-Independent Evidence for J/ψ Contributions to $\psi(b)^{0}\text{-}\psi/\psi K^{+}$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 082002 | 7.4 | 85 |
| 529 | Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 045001 | 2.9 | 85 |
| 528 | Measurement of production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2025 | 4.2 | 83 |
| 527 | Measurement of the track reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P02007-P02007 | 7 | 87 |
| 526 | Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , 2015 , 11, 743-747 | 7.4 | 79 |
| 525 | Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014 , 9, P12005-P12005 | 1 | 79 |
| 524 | Measurement of the fragmentation fraction ratio f_{s}/f_{d} and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 78 |
| 523 | First observation of CP violation in the decays of $B(s)0$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 221601 | 7.4 | 78 |
| 522 | Search for Dark Photons Produced in 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2018 , 120, 061801 | 7.4 | 75 |
| 521 | Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , 2004 , 38, 1-28 | 4.2 | 75 |
| 520 | Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 598-608 | 4.2 | 75 |
| 519 | Dalitz plot analysis of $B_{s}0 \text{-} J/\psi K_{S}^{0}$ decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 70 |

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| 518 | Measurement of CP violation in the phase space of $B^0 \rightarrow K^0 \pi^0$ and $B^0 \rightarrow K^+ K^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 101801 | 7.4 | 70 |
| 517 | Observation of CP violation in $B^0 \rightarrow K^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 203-212 | 4.2 | 69 |
| 516 | Study of D J meson decays to $D^+ \pi^0 \pi^0$ and $D^{*+} \pi^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 69 |
| 515 | Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , 2004 , 34, 399-418 | 4.2 | 69 |
| 514 | Observation of excited $\Lambda(1520)$ baryons. <i>Physical Review Letters</i> , 2012 , 109, 172003 | 7.4 | 68 |
| 513 | Measurement of CP violation and the B_s^0 meson decay width difference with $B_s^0 \rightarrow \pi^+ K^-$ and $B_s^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 66 |
| 512 | First observation of $B_s^0 \rightarrow \pi^0 \pi^0(980)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 115-122 | 4.2 | 66 |
| 511 | Measurements of prompt charm production cross-sections in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 65 |
| 510 | Search for Hidden-Sector Bosons in $B(0) \rightarrow K^{*0}(\pi^+ \pi^-)$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 161802 | 7.4 | 65 |
| 509 | $(\pi^+ \pi^-)$, $(K^+ K^-)$, p and (\overline{p}) production in $(Z^0 \rightarrow q\overline{q})$, $(Z^0 \rightarrow b\overline{b})$, $(Z^0 \rightarrow u\overline{u})$, $(Z^0 \rightarrow d\overline{d})$, $(Z^0 \rightarrow s\overline{s})$ 1998 , 5, 585 | | 65 |
| 508 | Study of the production of Λ and hadrons in pp collisions and first measurement of the branching fraction. <i>Chinese Physics C</i> , 2016 , 40, 011001 | 2.2 | 65 |
| 507 | Search for Structure in the $B_{s1}^0 \rightarrow \pi^0 \pi^0$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , 2016 , 117, 152003 | 7.4 | 64 |
| 506 | Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 63 |
| 505 | Measurement of (2) meson production in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2012 , 72, 2100 | 4.2 | 63 |
| 504 | Observation of overlapping spin-1 and spin-3 $D_0 K^-$ resonances at mass 2.86 GeV/c ² . <i>Physical Review Letters</i> , 2014 , 113, 162001 | 7.4 | 61 |
| 503 | Inclusive W and Z production in the forward region at ($\sqrt{s} = 7, \text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 60 |
| 502 | Measurement of the isospin asymmetry in $B \rightarrow K^{*0} \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 59 |
| 501 | Analysis of the resonant components in $B \rightarrow \pi^0 \pi^0$ <i>Physical Review D</i> , 2012 , 86, | 4.9 | 59 |

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| 500 | Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 552, 127-137 | 4.2 | 59 |
| 499 | Production of J/ψ and (ψ') mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 58 |
| 498 | Search for the rare decays $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 330-340 | 4.2 | 58 |
| 497 | Measurement of the $\Lambda_b(0)$, $\Lambda_b(-)$, and $\Lambda_b((-)$ Baryon masses. <i>Physical Review Letters</i> , 2013 , 110, 182001 | 7.4 | 57 |
| 496 | A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2003 , 29, 285-312 | 4.2 | 57 |
| 495 | Amplitude analysis of $B^+ \rightarrow \mu^+ \nu K^+$ decays. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 56 |
| 494 | Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 241-248 | 4.2 | 55 |
| 493 | Observation of the decay $B(c)^+ \rightarrow B(s)(0)^0$. <i>Physical Review Letters</i> , 2013 , 111, 181801 | 7.4 | 55 |
| 492 | Determination of the sign of the decay width difference in the $B(s)(0)$ system. <i>Physical Review Letters</i> , 2012 , 108, 241801 | 7.4 | 55 |
| 491 | Search for the $X(4140)$ state in $B^+ \rightarrow \mu^+ \nu K^+$ decays. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 55 |
| 490 | Differential branching fraction and angular analysis of $B^0 \rightarrow b^- \bar{c}^+ \mu^+$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, | 5.4 | 54 |
| 489 | Measurement of resonant and CP components in $B^0 \rightarrow \mu^+ \mu^- \pi^0$ decays. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 54 |
| 488 | First Observation of the Doubly Charmed Baryon Decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \Lambda_c^+$. <i>Physical Review Letters</i> , 2018 , 121, 162002 | 7.4 | 54 |
| 487 | Precision measurement of CP violation in $B(S)(0) \rightarrow \mu^+ \mu^- K^-$ decays. <i>Physical Review Letters</i> , 2015 , 114, 041801 | 7.4 | 53 |
| 486 | Dalitz plot analysis of $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 53 |
| 485 | Measurements of $B(c)^+$ production and mass with the $B(c)^+ \rightarrow \mu^+ \nu$ decay. <i>Physical Review Letters</i> , 2012 , 109, 232001 | 7.4 | 53 |
| 484 | Measurement of the resonant and CP components in $B^0 \rightarrow \mu^+ \mu^- \pi^0$ decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 52 |
| 483 | Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , 2019 , 122, 211803 | 7.4 | 51 |

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| 482 | Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. <i>Journal of High Energy Physics</i> , 2012 , 2012, | 5.4 | 51 |
| 481 | Observation of a New χ_{b1}^{\prime} Resonance. <i>Physical Review Letters</i> , 2018 , 121, 072002 | 7.4 | 50 |
| 480 | First observation of the decay $B(c)^+ \rightarrow J/\psi \pi^+$. <i>Physical Review Letters</i> , 2012 , 108, 251802 | 7.4 | 50 |
| 479 | b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , 2004 , 32, 185-208 | 4.2 | 50 |
| 478 | Precision measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency with the decay $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp}$. <i>New Journal of Physics</i> , 2013 , 15, 053021 | 2.9 | 49 |
| 477 | Analysis of the resonant components in $B \rightarrow \rho \pi$. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 49 |
| 476 | Search for long-lived scalar particles in $B \rightarrow K \pi$ decays. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 48 |
| 475 | Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013 , 2013, | 5.4 | 48 |
| 474 | Measurements of the S-wave fraction in $B^0 \rightarrow \rho^+ \pi^-$ decays and the $B^0 \rightarrow \rho^+ \pi^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 48 |
| 473 | Measurement of forward J/ψ production cross-sections in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 47 |
| 472 | Measurements of CP violation in the three-body phase space of charmless B^0 decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 47 |
| 471 | Searches for Majorana neutrinos in B^0 decays. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 47 |
| 470 | Single intermediate vector boson production in $e^+ e^-$ collisions * at ($\sqrt{s} = \sqrt{183-209}$) GeV. <i>European Physical Journal C</i> , 2006 , 45, 273-289 | 4.2 | 47 |
| 469 | Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 45-61 | 4.2 | 47 |
| 468 | Observation of $B_c^+ \rightarrow D_s^+ \pi^0$ and $B_c^+ \rightarrow D_s^{*+} \pi^0$ decays. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 46 |
| 467 | Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , 2017 , 13, 391-396.2 | 6.2 | 45 |
| 466 | Measurement of B meson production cross-sections in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 45 |
| 465 | Observation of D^0 - \bar{D}^0 oscillations. <i>Physical Review Letters</i> , 2013 , 110, 101802 | 7.4 | 45 |

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| 464 | Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 45 |
| 463 | Measurement of the Lifetime of the Doubly Charmed Baryon Ξ_{cc}^{++} . <i>Physical Review Letters</i> , 2018 , 121, 052002 | 7.4 | 44 |
| 462 | Photon events with missing energy at $(\sqrt{s})=183$ to 189 GeV. <i>European Physical Journal C</i> , 2000 , 17, 53-65 | 4.2 | 44 |
| 461 | Precision measurement of the ratio of the $\Gamma(B^0 \rightarrow \pi^+ \pi^-) / \Gamma(B^0 \rightarrow \pi^+ \pi^0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 122-130 | 4.2 | 43 |
| 460 | Measurement of the cross-section for $Z \rightarrow e^+ e^-$ production in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 43 |
| 459 | First evidence of direct CP violation in charmless two-body decays of B_s^0 mesons. <i>Physical Review Letters</i> , 2012 , 108, 201601 | 7.4 | 43 |
| 458 | Observation of a resonance in $B^+ \rightarrow K^+ \pi^0$ decays at low recoil. <i>Physical Review Letters</i> , 2013 , 111, 112003 | 7.4 | 43 |
| 457 | Measurement of the $B_s^0 \rightarrow B^0$ oscillation frequency Δm_s in $B_s^0 \rightarrow D_s(B) \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 177-184 | 4.2 | 42 |
| 456 | Measurement of the exclusive π^0 production cross-section in pp collisions at $(\sqrt{s}=7)$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 42 |
| 455 | Measurement of the ratio of prompt π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 431-440 | 4.2 | 42 |
| 454 | First observation of the decay $B_s^{*2}(5840)(0) \rightarrow B^{*+} K^-$ and studies of excited $B_s(0)$ mesons. <i>Physical Review Letters</i> , 2013 , 110, 151803 | 7.4 | 42 |
| 453 | Measurement of the π^0 production cross-section in proton-proton collisions via the decay $\pi^0 \rightarrow \gamma \gamma$. <i>European Physical Journal C</i> , 2015 , 75, 311 | 4.2 | 41 |
| 452 | Search for the doubly charmed baryon (Ξ_{cc}^{++}) . <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 41 |
| 451 | Measurements of the $B^0 \rightarrow \pi^+ \pi^-$ decay amplitudes and the B^0 polarisation in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 27-35 | 4.2 | 41 |
| 450 | Measurement of the cross-section ratio $\sigma(B^0 \rightarrow \pi^+ \pi^-) / \sigma(B^0 \rightarrow \pi^+ \pi^0)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 714, 215-223 | 4.2 | 41 |
| 449 | Search for the Decays $B_{s1}^0 \rightarrow B^+ \pi^-$ and $B^0 \rightarrow B^+ \pi^-$. <i>Physical Review Letters</i> , 2017 , 118, 251802 | 7.4 | 40 |
| 448 | Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , 2007 , 28, 273-286 | 2.4 | 40 |
| 447 | Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , 2019 , 122, 231802 | 7.4 | 39 |

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| 446 | Opposite-side flavour tagging of mesons at the LHCb experiment. <i>European Physical Journal C</i> , 2012 , 72, 2022 | 4.2 | 39 |
| 445 | Differential branching fraction and angular analysis of the decay $B^0 \rightarrow \bar{K}^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2012 , 108, 181806 | 7.4 | 39 |
| 444 | Inclusive measurements of the production in hadronic Z^0 decays. <i>Nuclear Physics B</i> , 1995 , 444, 3-26 | 2.8 | 38 |
| 443 | Improved measurements of cross sections and asymmetries at the Z^0 resonance. <i>Nuclear Physics B</i> , 1994 , 418, 403-427 | 2.8 | 37 |
| 442 | Measurement of the b-Quark Production Cross Section in 7 and 13 TeV pp Collisions. <i>Physical Review Letters</i> , 2017 , 118, 052002 | 7.4 | 36 |
| 441 | First observation of the decay ($B_c^+ \rightarrow J/\psi \left(\psi \rightarrow K^+ K^- \right) \mu^+$). <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 36 |
| 440 | Study of inclusive J/ψ production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 565, 76-86 | 4.2 | 36 |
| 439 | Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , 2017 , 77, 224 | 4.2 | 35 |
| 438 | Measurement of B_c^+ Production in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , 2015 , 114, 132001 | 7.4 | 35 |
| 437 | Observation of two new $(b)(-)$ baryon resonances. <i>Physical Review Letters</i> , 2015 , 114, 062004 | 7.4 | 35 |
| 436 | First observation of the decay $B \rightarrow \bar{K}^* \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 35 |
| 435 | Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2009 , 60, 17-23 | 4.2 | 35 |
| 434 | Search for single top production via FCNC at LEP at $\sqrt{s}=189 \pm 0.8$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 590, 21-34 | 4.2 | 35 |
| 433 | Measurement of forward W and Z boson production in pp collisions at $s = 8 \sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, | 5.4 | 34 |
| 432 | Measurement of the CP violating phase α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 497-505 | 4.2 | 34 |
| 431 | Quantum numbers of the X(3872) state and orbital angular momentum in its $J/\psi \gamma$ decay. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 34 |
| 430 | Measurement of D^0 - \bar{D}^0 mixing parameters and search for CP violation using $D^0 \rightarrow \bar{K}^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 251801 | 7.4 | 34 |
| 429 | Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012 , 7, P01010-P01010 | 1 | 34 |

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|-----|---|-----|----|
| 428 | Study of the $D^0 p$ amplitude in $D^0 b \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5-4 | 33 |
| 427 | Measurement of the CP-violating phase ϕ_s in $B_{s0} \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 186-195 | 4-2 | 33 |
| 426 | Measurement of the CKM angle Γ from a combination of $B_{s0} \rightarrow \mu^+ \mu^-$ analyses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 151-163 | 4-2 | 33 |
| 425 | Study of χ_{c0} B meson production in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014 , 74, | 4-2 | 33 |
| 424 | Measurement of the ϕ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 186-195 | 4-2 | 33 |
| 423 | First evidence for a charm radial excitation, D_2 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 231-242 | 4-2 | 33 |
| 422 | Determination of $ V_{cb} $ from the semileptonic decay $B \rightarrow D^* \ell^+ \nu$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 539-553 | | 33 |
| 421 | Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015 , 10, P06013-P06013 | | 32 |
| 420 | Measurement of the B_{s0} meson lifetime using $B_{s0} \rightarrow \mu^+ \mu^-$ decays. <i>European Physical Journal C</i> , 2014 , 74, 2839 | 4-2 | 32 |
| 419 | Precision measurement of the $B(0)$ baryon lifetime. <i>Physical Review Letters</i> , 2013 , 111, 102003 | 7-4 | 32 |
| 418 | Amplitude analysis and branching fraction measurement of $B_{s0} \rightarrow \mu^+ \mu^- K^0$. <i>Physical Review D</i> , 2013 , 87, | 4-9 | 32 |
| 417 | Study of W-boson polarisations and triple gauge boson couplings in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP 2. <i>European Physical Journal C</i> , 2008 , 54, 345-364 | 4-2 | 32 |
| 416 | Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}} = 5$ TeV proton-lead collisions in the forward region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 473-483 | 4-2 | 32 |
| 415 | Measurement of the relative rate of prompt $\Upsilon(0)$, $\Upsilon(1)$ and $\Upsilon(2)$ production at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5-4 | 31 |
| 414 | Measurement of the forward Z boson production cross-section in pp collisions at $(\sqrt{s} = 7)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5-4 | 31 |
| 413 | Measurement of the CP-violating phase ϕ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 378-386 | 4-2 | 31 |
| 412 | Measurement of the ϕ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 902-909 | 4-2 | 31 |
| 411 | Search for $D(s) \rightarrow \mu^+ \mu^-$ and $D(s) \rightarrow \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 203-212 | 4-2 | 30 |

| | | | |
|-----|--|-----|----|
| 410 | First observation and amplitude analysis of the $B \rightarrow K^* \ell \ell$ decay. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 30 |
| 409 | Precision measurement of the mass and lifetime of the $\Lambda_b(0)$ baryon. <i>Physical Review Letters</i> , 2014 , 113, 032001 | 7.4 | 30 |
| 408 | Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2004 , 32, 475-492 | 4.2 | 30 |
| 407 | Search for the rare decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 55-67 | 4.2 | 29 |
| 406 | Measurement of the ratio of branching fractions $B(B \rightarrow K^* \ell \ell) / B(B \rightarrow \ell \ell)$ and the direct CP asymmetry in $B \rightarrow K^* \ell \ell$. <i>Nuclear Physics B</i> , 2013 , 867, 1-18 | 2.8 | 29 |
| 405 | Search for direct CP violation in $B \rightarrow K^* \ell \ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 33-43 | 4.2 | 29 |
| 404 | Measurement of the differential branching fraction of the decay $B \rightarrow K^* \ell \ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 25-35 | 4.2 | 29 |
| 403 | Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , 2004 , 32, 145-183 | 4.2 | 29 |
| 402 | Observation of Two Resonances in the $B \rightarrow K^* \ell \ell$ Systems and Precise Measurement of $B \rightarrow K^* \ell \ell$ and $B \rightarrow K^* \ell \ell$ Properties. <i>Physical Review Letters</i> , 2019 , 122, 012001 | 7.4 | 29 |
| 401 | Measurement of the semileptonic CP asymmetry in $B \rightarrow B^0$ mixing. <i>Physical Review Letters</i> , 2015 , 114, 041601 | 7.4 | 28 |
| 400 | Measurement of J/ψ production in pp collisions at $(\sqrt{s}=2.76; \text{TeV})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 28 |
| 399 | Observation of the decay $B_c \rightarrow \ell \ell S$. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 28 |
| 398 | Measurement of the mass and width of the W boson in e+e- collisions at $(\sqrt{s}) = 161 \div 209$ GeV. <i>European Physical Journal C</i> , 2008 , 55, 1 | 4.2 | 28 |
| 397 | Measurement of the W-pair production cross-section and W branching ratios in e + e - collisions at $(\sqrt{s}) = 161-209$ GeV. <i>European Physical Journal C</i> , 2004 , 34, 127-144 | 4.2 | 28 |
| 396 | Observation of short range three-particle correlations in e+e- annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 415-424 | 4.2 | 28 |
| 395 | J/ψ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 341, 109-122 | 4.2 | 28 |
| 394 | Study of prompt D^0 meson production in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 27 |
| 393 | Study of (φ) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 27 |

| | | | |
|-----|---|-----|----|
| 392 | Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 36-45 | 4.2 | 27 |
| 391 | First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \pi \pi$ decay. <i>Journal of High Energy Physics</i> , 2015 , 2015, | 5.4 | 27 |
| 390 | Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 159-178 | 4.2 | 26 |
| 389 | Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015 , 75, 152 | 4.2 | 26 |
| 388 | A study of the hadronic resonance structure in the decay $B \rightarrow \pi \pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 411-427 | 4.2 | 26 |
| 387 | A measurement of the photon structure function F_2^γ at an average Q^2 of 12 GeV $^2/c^4$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 223-233 | | 26 |
| 386 | Evidence for an resonance in decays. <i>European Physical Journal C</i> , 2018 , 78, 1019 | 4.2 | 26 |
| 385 | Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow \pi \pi$ decay. <i>European Physical Journal C</i> , 2017 , 77, 161 | 4.2 | 25 |
| 384 | Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 191601 | 7.4 | 25 |
| 383 | First measurement of time-dependent CP violation in $(B_s^0 \rightarrow K^+ K^-)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 25 |
| 382 | Evidence for the decay $B^0 \rightarrow \pi^+ \pi^-$ and measurement of the relative branching fractions of B_s^0 meson decays to J/ψ and J/ψ . <i>Nuclear Physics B</i> , 2013 , 867, 547-566 | 2.8 | 25 |
| 381 | Measurement of the J/ψ pair production cross-section in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 25 |
| 380 | Model-independent confirmation of the $Z(4430)$ state. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 25 |
| 379 | Measurement of the lifetime of the B_c^+ meson using the $B_c^+ \rightarrow \pi^+ \pi^0$ decay mode. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 29-37 | 4.2 | 25 |
| 378 | Search for the lepton-flavor-violating decays $B(s) \rightarrow e^+ \mu^- \mu^+$ and $B \rightarrow e^+ \mu^- \mu^+$. <i>Physical Review Letters</i> , 2013 , 111, 141801 | 7.4 | 25 |
| 377 | A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 25 |
| 376 | First observation of $B \rightarrow D_s^* \mu^+ \mu^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 14-20 | 4.2 | 25 |
| 375 | Measurement of the B^0 decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 63-84 | 4.2 | 25 |

| | | | |
|-----|--|-----|----|
| 374 | Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV 1999 , 11, 383 | | 25 |
| 373 | A precise measurement of the partial decay width ratio $(R_{\mathrm{b}})^0 = \Gamma_{\mathrm{b}}/\Gamma_{\mathrm{had}}$ 1999 , 10, 415 | | 25 |
| 372 | Production of associated Y and open charm hadrons in pp collisions at ($\sqrt{s}=7$) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5-4 | 25 |
| 371 | Measurement of charged particle multiplicities in pp collisions at ($\sqrt{s}=7$ TeV) in the forward region. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4-2 | 24 |
| 370 | First observation of a baryonic Bc+ decay. <i>Physical Review Letters</i> , 2014 , 113, 152003 | 7-4 | 24 |
| 369 | Study of D sJ decays to $D^+K_{\mathrm{S}}^0$ and D ⁰ K ⁺ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012 , 2012, | 5-4 | 24 |
| 368 | Measurement of correlations between pions from different W's in e+e ⁻ W+W ⁻ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 181-191 | 4-2 | 24 |
| 367 | A search for heavy stable and long-lived squarks and sleptons in e+e ⁻ collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 491-502 | 4-2 | 24 |
| 366 | Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , 2006 , 45, 589-632 | 4-2 | 24 |
| 365 | Measurement of the (e ⁺ + e ⁻ → W ⁺ + W ⁻ γ) cross-section and limits on anomalous quartic gauge couplings with DELPHI. <i>European Physical Journal C</i> , 2003 , 31, 139-147 | 4-2 | 24 |
| 364 | Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 89-103 | 4-2 | 24 |
| 363 | Measurement of Υ production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74, | 4-2 | 23 |
| 362 | Search for the rare decay D ⁰ → π ⁺ π ⁻ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 725, 15-24 | 4-2 | 23 |
| 361 | Measurement of the shape of the B ⁰ → π ⁺ π ⁻ differential decay rate. <i>Physical Review D</i> , 2017 , 96, | 4-9 | 23 |
| 360 | Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017 , 77, 812 | 4-2 | 23 |
| 359 | Measurement of the ratio of Bc+ branching fractions to J/ψ and J/ψ final states. <i>Physical Review D</i> , 2014 , 90, | 4-9 | 23 |
| 358 | Measurement of prompt hadron production ratios in pp collisions at ($\sqrt{s}=0.9$ and 7 TeV). <i>European Physical Journal C</i> , 2012 , 72, 1 | 4-2 | 23 |
| 357 | Determination of f(s)/f(d) for 7 TeV pp collisions and measurement of the B ⁰ → D ⁺ K ⁺ branching fraction. <i>Physical Review Letters</i> , 2011 , 107, 211801 | 7-4 | 23 |

| | | | |
|-----|--|-----|----|
| 356 | Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B}^0 \rightarrow D^+ \ell^- \overline{\nu}_\ell$. <i>European Physical Journal C</i> , 2004 , 33, 213-232 | 4.2 | 23 |
| 355 | Measurement of the CKM angle Γ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 23 |
| 354 | Search for the lepton flavour violating decay $B \rightarrow \mu \tau \nu$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 22 |
| 353 | Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{(s)}$ Mixing. <i>Physical Review Letters</i> , 2016 , 116, 241601 | 7.4 | 22 |
| 352 | First observation of the decay $B \rightarrow \mu^+ \mu^- \nu \bar{\nu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 50-58 | 4.2 | 22 |
| 351 | Measurement of the $B^0 \rightarrow K^0 e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 22 |
| 350 | Observation of the Decays $B^0 \rightarrow \mu^+ \mu^- p K^0$ and $B^0 \rightarrow \mu^+ \mu^- p K^+$. <i>Physical Review Letters</i> , 2017 , 119, 062001 | 7.4 | 22 |
| 349 | Measurement of CP Violation in $B^0 \rightarrow \mu^+ \mu^- S^0$ Decays. <i>Physical Review Letters</i> , 2015 , 115, 031601 | 7.4 | 22 |
| 348 | Measurement of the forward-backward asymmetry in $Z/\mu \rightarrow \mu \mu$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 22 |
| 347 | Measurement of the $B^0 \rightarrow B^0$ and $B^0 \rightarrow B_s^0$ production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 218-228 | 4.2 | 22 |
| 346 | Measurement of mixing and CP violation parameters in two-body charm decays. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 22 |
| 345 | Observation of $B^0 \rightarrow D^0 K^+ K^-$ and evidence for $B(s) \rightarrow D^0 K^+ K^-$. <i>Physical Review Letters</i> , 2012 , 109, 131801 | 7.4 | 22 |
| 344 | Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , 2006 , 45, 35-59 | 4.2 | 22 |
| 343 | Search for supersymmetric particles assuming R-parity non-conservation in $e^+ e^-$ collisions at $(\sqrt{s} = 192)$ to 208 GeV. <i>European Physical Journal C</i> , 2004 , 36, 1-23 | 4.2 | 22 |
| 342 | The measurement of (α_s) from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , 2004 , 37, 1-23 | 4.2 | 22 |
| 341 | Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , 2003 , 27, 153-172 | 4.2 | 22 |
| 340 | Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{NN}}=110$ GeV. <i>Physical Review Letters</i> , 2018 , 121, 222001 | 7.4 | 22 |
| 339 | Forward production of mesons in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 21 |

| | | | |
|-----|--|-----|----|
| 338 | Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014 , 112, | 7.4 | 21 |
| 337 | Measurement of the CP asymmetry in $B(0) \rightarrow K^{*0} \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 031801 | 7.4 | 21 |
| 336 | Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 202-214 | 4.2 | 21 |
| 335 | Study of triple-gauge-boson couplings ZZZ , $ZZ\gamma$ and $Z\gamma\gamma$ at LEP. <i>European Physical Journal C</i> , 2007 , 51, 525-542 | 4.2 | 21 |
| 334 | Measurement of the quark and gluon fragmentation functions in $Z^{(0)}$ hadronic decays 1999 , 6, 19 | | 21 |
| 333 | Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 21 |
| 332 | Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text] TeV in the forward region. <i>European Physical Journal C</i> , 2014 , 74, 2888 | 4.2 | 20 |
| 331 | Observation of the decay $(B_c^{+}) \rightarrow J/\psi + K^0$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 20 |
| 330 | Study of J/ψ Production in Jets. <i>Physical Review Letters</i> , 2017 , 118, 192001 | 7.4 | 20 |
| 329 | Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 20 |
| 328 | Study of forward $Z + \text{jet}$ production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 20 |
| 327 | A model-independent Dalitz plot analysis of $B^0 \rightarrow K^{*0} \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 43-55 | 4.2 | 20 |
| 326 | Measurements of the branching fractions for $B(s) \rightarrow D(s) \ell^+ \ell^-$ and $B^0 \rightarrow B^+ \ell^- \ell^+$. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 20 |
| 325 | Prompt $B^0 \rightarrow K^{*0} \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 69-80 | 4.2 | 20 |
| 324 | Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , 2004 , 35, 313-324 | 4.2 | 20 |
| 323 | ZZ production in $e^+ e^-$ interactions at $(\sqrt{s}) = 183$ -209 GeV. <i>European Physical Journal C</i> , 2003 , 30, 447-466 | 4.2 | 20 |
| 322 | Kaon interference in the hadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 379, 330-340 | 4.2 | 20 |
| 321 | Measurements of the branching fractions of [Formula: see text] decays. <i>European Physical Journal C</i> , 2013 , 73, 2462 | 4.2 | 19 |

| | | | |
|-----|---|-----|----|
| 320 | Model-independent search for CP violation in . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 623-633 | 4.2 | 19 |
| 319 | Measurement of the B_{μ} production cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 19 |
| 318 | Measurements of the branching fractions and CP asymmetries of $B_{\mu} \rightarrow \mu \mu$ and $B_{\mu} \rightarrow (\mu S)_{\mu}$ decays. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 19 |
| 317 | First observations of $B_{\mu} \rightarrow D + D_{\mu}$ and $D_0 \rightarrow D_{\mu}$ decays. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 19 |
| 316 | Measurements of the lineshape of the Z^0 and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1994 , 417, 3-57 | 2.8 | 19 |
| 315 | Observation of the Annihilation Decay Mode $B^0 \rightarrow K^+ K^-$. <i>Physical Review Letters</i> , 2017 , 118, 081801 | 7.4 | 18 |
| 314 | Observation of an Excited $B_{\{c\}^+}$ State. <i>Physical Review Letters</i> , 2019 , 122, 232001 | 7.4 | 18 |
| 313 | Measurement of the CP Asymmetry in $B_{\{s\}^0} \rightarrow B_{\{s\}^0}$ Mixing. <i>Physical Review Letters</i> , 2016 , 117, 061803 | 7.4 | 18 |
| 312 | Measurement of relative branching fractions of decays to (2) and $/$ mesons. <i>European Physical Journal C</i> , 2012 , 72, 2118 | 4.2 | 18 |
| 311 | Measurement of the inclusive γ cross-section in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 267-273 | 4.2 | 18 |
| 310 | Measurements of CP-conserving trilinear gauge boson couplings WWV ($V=Z$) in $e+e$ collisions at LEP2. <i>European Physical Journal C</i> , 2010 , 66, 35-56 | 4.2 | 18 |
| 309 | Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 462, 425-439 | 4.2 | 18 |
| 308 | Measurement of inclusive D production in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 561-573 | | 18 |
| 307 | Observation of the decay $B_{\mu} \rightarrow \mu \mu$ and evidence for $B_0 \rightarrow \mu \mu$ <i>Physical Review D</i> , 2017 , 95, | 4.9 | 17 |
| 306 | First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , 2019 , 122, 132002 | 7.4 | 17 |
| 305 | Measurement of the forward energy flow in collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2421 | 4.2 | 17 |
| 304 | Study of W boson production in association with beauty and charm. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 17 |
| 303 | Measurement of forward $Z \rightarrow e+e$ production at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 17 |

| | | | |
|-----|--|-----|----|
| 302 | Measurement of the CP-violating phase γ_s in $B_s(0)\text{-}\overline{D}_s(+)\overline{D}_s(-)$ decays. <i>Physical Review Letters</i> , 2014 , 113, 211801 | 7.4 | 17 |
| 301 | Measurement of the fraction of $\Upsilon(1S)$ originating from $B(1P)$ decays in pp collisions at ($\sqrt{s}=7,\text{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1 | 5.4 | 17 |
| 300 | Search for CP violation in $D^+\text{-}\overline{K}K^0$ decays. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 17 |
| 299 | Measurement of the $B_{s0}\text{-}\overline{B}^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 17 |
| 298 | Evidence for an excess of soft photons in hadronic decays of Z^0 . <i>European Physical Journal C</i> , 2006 , 47, 273-294 | 4.2 | 17 |
| 297 | Search for $(B^0\text{-}\overline{B}^0)$ oscillations and a measurement of $(B^0\text{-}\overline{B}^0)$ oscillations using events with an inclusively reconstructed vertex. <i>European Physical Journal C</i> , 2003 , 28, 155-173 | 4.2 | 17 |
| 296 | Search for SUSY with R-parity violating couplings at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 36-52 | 4.2 | 17 |
| 295 | Observations of $\overline{D}^0\text{-}\overline{B}^0$ and $\overline{D}^0\text{-}\overline{B}^0 + K^0$ decays and searches for other $\overline{D}^0\text{-}\overline{B}^0$ and $\overline{D}^0\text{-}\overline{B}^0$ decays to $\overline{B}^0 + h^0$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 17 |
| 294 | Study of B_c^+ decays to the K^+K^0 final state and evidence for the decay $B_c^+\text{-}\overline{B}^0$. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 17 |
| 293 | Angular moments of the decay $\overline{D}^0\text{-}\overline{B}^0$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 17 |
| 292 | First Experimental Study of Photon Polarization in Radiative $B_{\{s\}}^0$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 021801 | 7.4 | 16 |
| 291 | Search for CP violation in $D^0\text{-}\overline{D}^0$ decays with the energy test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 158-167 | 4.2 | 16 |
| 290 | First Observation of $D^0\text{-}\overline{D}^0$ Oscillations in $D^0\text{-}\overline{K}^+K^0$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , 2016 , 116, 241801 | 7.4 | 16 |
| 289 | Near-threshold (\overline{D}^0) spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 16 |
| 288 | Evidence for the decay ($B_{\{c\}}^+\text{-}\overline{B}^0$). <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5.4 | 16 |
| 287 | Measurement of the effective $B_{s0}\text{-}\overline{B}^0$ lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 349-356 | 4.2 | 16 |
| 286 | Observation of $\overline{B}^0(2S)\text{-}\overline{B}^0$ and search for $X(3872)\text{-}\overline{B}^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 305-313 | 4.2 | 16 |
| 285 | Measurements of prompt charm production cross-sections in pp collisions at $s = 5\sqrt{s}=5$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 16 |

- 284 First observation of top quark production in the forward region. *Physical Review Letters*, **2015**, 115, 112001 16
- 283 Amplitude analysis of $B^0 \rightarrow D^0 K^+ \pi^-$ decays. *Physical Review D*, **2015**, 92, 074004 4.9 16
- 282 Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 16
- 281 Observations of $B^0 \rightarrow D^0 K^+ \pi^-$. *Nuclear Physics B*, **2013**, 871, 403-419 2.8 16
- 280 Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^0 K^+ \pi^-$ and $B^0 \rightarrow D^0 K^+ \pi^-$. *Physical Review D*, **2013**, 87, 074004 4.9 16
- 279 Observation of $B(s)(0) \rightarrow J/\psi(2S) K^+ K^-$ final states. *Physical Review Letters*, **2012**, 108, 151801 7.4 16
- 278 A precise measurement of the B^0_d meson lifetime using a new technique. *Zeitschrift für Physik C-Particles and Fields*, **1997**, 74, 19-32 16
- 277 Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1999**, 462, 410-424 4.2 16
- 276 Search for Higgs-like bosons decaying into long-lived exotic particles. *European Physical Journal C*, **2016**, 76, 664 4.2 16
- 275 Measurement of CP observables in $B^0 \rightarrow D^0 K^+ \pi^-$ and $B^0 \rightarrow D^0 \pi^+ \pi^-$ with two- and four-body D decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2016**, 760, 117-131 4.2 16
- 274 Search for the lepton-flavour violating decays $B^0(s) \rightarrow e^+ \mu^- \pi^0$. *Journal of High Energy Physics*, **2018**, 2018, 1 5.4 15
- 273 Observation of Z production in proton-lead collisions at LHCb. *Journal of High Energy Physics*, **2014**, 2014, 1 5.4 15
- 272 Measurement of the $B^0 \rightarrow D^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow D^0 \pi^0$ and $B^0 \rightarrow D^0 \pi^+ \pi^-$. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2013**, 719, 318-325 4.2 15
- 271 Observation of the $B^0 \rightarrow D^0 \pi^0$ decay. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2017**, 772, 265-273 4.2 15
- 270 Bflavour tagging using charm decays at the LHCb experiment. *Journal of Instrumentation*, **2015**, 10, P10005-P10005 10.5 15
- 269 First measurement of the charge asymmetry in beauty-quark pair production. *Physical Review Letters*, **2014**, 113, 082003 7.4 15
- 268 Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^+ \pi^- K^0$ and $B_s^0 \rightarrow D_s^+ \pi^- \pi^0$. *Journal of High Energy Physics*, **2012**, 2012, 023 5.4 15
- 267 Measurement of the polarization amplitudes in $B^0 \rightarrow \pi^+ \pi^-$ decays. *Physical Review D*, **2013**, 88, 074004 4.9 15

| | | | |
|-----|---|-----|----|
| 266 | Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2008 , 55, 525-538 | 4.2 | 15 |
| 265 | Search for charginos nearly mass-degenerate with the lightest neutralino 1999 , 11, 1 | | 15 |
| 264 | Observation of $\Lambda_b^- \rightarrow p K^-$ and $\Lambda_b^- \rightarrow p \pi^-$ decays and a measurement of the Λ_b baryon mass. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 15 |
| 263 | Measurement of the properties of the Λ_b^0 baryon. <i>Journal of High Energy Physics</i> , 2016 , 2016, | 5.4 | 15 |
| 262 | Evidence for the decay $(B_s^0 \rightarrow \overline{K}^0 \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 15 |
| 261 | Precise measurements of the properties of the $B(5721)_{0,+}$ and $B^*(5747)_{0,+}$ states and observation of $B_{0,+}$ mass structures. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 14 |
| 260 | Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ \pi^-$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, | 5.4 | 14 |
| 259 | Search for CP violation in $D \rightarrow \pi^+ \pi^-$ and $(D_s^+ \rightarrow K^+ \pi^+)$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 14 |
| 258 | Study of $B_{(s)}^0 \rightarrow K_{\text{charm}}^0 h^+ h'^-$ decays with first observation of $B_s^0 \rightarrow K_{\text{charm}}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{\text{charm}}^0 \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2013 , 2013, | 5.4 | 14 |
| 257 | Observation of $B_{(s)}^0 \rightarrow \overline{B}_{(s)}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013 , 73, | 4.2 | 14 |
| 256 | Observation of the suppressed ADS modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 44-53 | 4.2 | 14 |
| 255 | Observation of D^0 Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , 2017 , 119, 181805 | 7.4 | 14 |
| 254 | Evidence for the Strangeness-Changing Weak Decay $\Lambda_b^0 \rightarrow \Lambda^0 \pi^-$. <i>Physical Review Letters</i> , 2015 , 115, 241801 | 7.4 | 14 |
| 253 | Evidence for CP violation in $B^+ \rightarrow \pi^+ K^+$ decays. <i>Physical Review Letters</i> , 2014 , 113, 141801 | 7.4 | 14 |
| 252 | First measurement of the CP-violating phase in $B_s(0) \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 241802 | 7.4 | 14 |
| 251 | First observation of $B_{(s)}^0 \rightarrow K^+ K^-$ and search for $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 14 |
| 250 | Search for rare $B(0) \rightarrow (s) \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 110, 211801 | 7.4 | 14 |
| 249 | First observation of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 706, 32-39 | 4.2 | 14 |

| | | | |
|-----|---|-----|----|
| 248 | Measurement of the $B_{(s)}(0)$ effective lifetime in the $J/\psi(980)$ final state. <i>Physical Review Letters</i> , 2012 , 109, 152002 | 7.4 | 14 |
| 247 | Search for supersymmetric partners of top and bottom quarks at \sqrt{s} GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 496, 59-75 | 4.2 | 14 |
| 246 | Search for charginos, neutralinos and gravitinos in e^+e^- interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 75-91 | 4.2 | 14 |
| 245 | Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 382, 323-336 | 4.2 | 14 |
| 244 | Search for the lepton-flavour violating decay $D^0 \rightarrow e\mu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 167-175 | 4.2 | 14 |
| 243 | Model-Independent Observation of Exotic Contributions to $B^{\{0\}} \rightarrow \bar{K}^{\{+\}} \pi^{\{-\}}$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 152002 | 7.4 | 13 |
| 242 | Study of the rare B_s^0 and B^0 decays into the $\eta\eta'$ final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 46-55 | 4.2 | 13 |
| 241 | Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 13 |
| 240 | Studies of the resonance structure in $D^0 \rightarrow K^0 \eta$ decays. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 13 |
| 239 | First evidence for the annihilation decay mode $B^{\{+\}} \rightarrow D_s^{\{+\}} \phi$. <i>Journal of High Energy Physics</i> , 2013 , 2013, | 5.4 | 13 |
| 238 | A study of the Z production cross-section in pp collisions at $(\sqrt{s}=7, \text{TeV})$ using tau final states. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 13 |
| 237 | Observation of the decay $B_s^0 \rightarrow D^0 \eta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 403-411 | 4.2 | 13 |
| 236 | Observation of $B_{\{c\}^{\{+\}} \rightarrow D^{\{0\}} K^{\{+\}}$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 111803 | 7.4 | 13 |
| 235 | Resonances and CP violation in B^0 s and $(\overline{B})_s^0 \rightarrow J/\psi \{K^{\{+\}}\} \{K^{\{-\}}\}$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 13 |
| 234 | Study of CP violation in $B^{\{0\}} \rightarrow D^{\{h\}}$ ($h=K, \eta$) with the modes $D \rightarrow K^0 \eta$, $D \rightarrow K^0 \pi^0$ and $D \rightarrow K^0 K^0$. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 13 |
| 233 | Measurement of the inelastic pp cross-section at a centre-of-mass energy of $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 13 |
| 232 | Measurement of CP violation and constraints on the CKM angle $\sin 2\beta$ with $D \rightarrow K^0 \eta$ decays. <i>Nuclear Physics B</i> , 2014 , 888, 169-193 | 2.8 | 13 |
| 231 | Measurement of CP violation in $B_s^0 \rightarrow \eta'$ decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 13 |

| | | | |
|-----|---|-----|----|
| 230 | Measurement of the polarization amplitudes and triple product asymmetries in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 369-377 | 4.2 | 13 |
| 229 | A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 576, 29-42 | 4.2 | 13 |
| 228 | Measurement of the forward Z boson production cross-section in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 13 |
| 227 | First study of the CP-violating phase and decay-width difference in $B_s^0 \rightarrow \psi(2S)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 253-262 | 4.2 | 13 |
| 226 | Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $s = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, | 5.4 | 13 |
| 225 | Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018 , 98, | 4.9 | 13 |
| 224 | Measurement of B^+ , B^0 and \bar{B}^0 production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 12 |
| 223 | Measurement of CP violation parameters and polarisation fractions in ($B^0 \rightarrow J/\psi \overline{K}^0$) decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 12 |
| 222 | Observation of the decay $B^0 \rightarrow \psi(2S) K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 484-494 | 4.2 | 12 |
| 221 | Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^0)/B(B^0 \rightarrow \pi^0)$. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 12 |
| 220 | Measurement of the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 172-179 | 4.2 | 12 |
| 219 | Measurement of V^0 production ratios in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1 | 5.4 | 12 |
| 218 | Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. <i>European Physical Journal C</i> , 2007 , 51, 249 | 4.2 | 12 |
| 217 | Search for SUSY in the AMSB scenario with the DELPHI detector. <i>European Physical Journal C</i> , 2004 , 34, 145-156 | 4.2 | 12 |
| 216 | Search for charged Higgs bosons in e^+e^- collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 17-28 | 4.2 | 12 |
| 215 | Search for an LSP gluino at LEP with the DELPHI detector. <i>European Physical Journal C</i> , 2003 , 26, 505-525 | 4.2 | 12 |
| 214 | Limits on the masses of supersymmetric particles at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 38-54 | 4.2 | 12 |
| 213 | Search for neutralinos, scalar leptons and scalar quarks in e^+e^- interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 387, 651-666 | 4.2 | 12 |

| | | | |
|-----|---|-----|----|
| 212 | Search for neutral Higgs bosons in e^+e^- collisions at $(\sqrt{s}=183)$ GeV 1999 , 10, 563 | | 12 |
| 211 | Search for supersymmetry with R-parity violating $(LL \bar{E})$ couplings at $(\sqrt{s} = 183)$ GeV 2000 , 13, 591 | | 12 |
| 210 | Observation of the $B_0 \rightarrow \pi$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 282-292 | 4.2 | 12 |
| 209 | Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 12 |
| 208 | Measurement of the Λ_c^0 Baryon Lifetime. <i>Physical Review Letters</i> , 2018 , 121, 092003 | 7.4 | 12 |
| 207 | Measurement of CP asymmetry in $D_0 \rightarrow \bar{K}K^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 177-187 | 4.2 | 11 |
| 206 | Differential branching fraction and angular moments analysis of the decay $B_0 \rightarrow \bar{K}^+ \pi^-$ in the $K^*0, 2(1430)0$ region. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 11 |
| 205 | Model-independent measurement of mixing parameters in $D_0 \rightarrow \bar{K} S^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016, | 5.4 | 11 |
| 204 | Measurement of the time-dependent CP asymmetry in $B_0 \rightarrow \bar{K} S^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 24-31 | 4.2 | 11 |
| 203 | Measurement of the CP Violation Parameter A_{CP} in $D^0 \rightarrow \bar{K}^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017 , 118, 261803 | 7.4 | 11 |
| 202 | Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{D} S^0 \pi^0)/B(B_c \rightarrow \bar{D} \pi^0)$. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 11 |
| 201 | Measurement of the time-integrated CP asymmetry in $D_0 \rightarrow \bar{K}^0 S^0 K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 11 |
| 200 | Measurement of CP violation parameters in $B_0 \rightarrow \bar{D} K^0$ decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 11 |
| 199 | Measurement of the CP asymmetry in $B^+ \rightarrow \bar{K}^+ \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2013 , 111, 151801 | 7.4 | 11 |
| 198 | Studies of the decays $B^+ \rightarrow \bar{p} p \pi^+$ and observation of $B^+ \rightarrow \bar{D}(1520) p$. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 11 |
| 197 | Charged particle multiplicity in $e^+e^- \rightarrow q \bar{q}$ events at 161 and 172 GeV and from the decay of the W boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 416, 233-246 | 4.2 | 11 |
| 196 | Determination of the b quark mass at the MZ scale with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2006 , 46, 569-583 | 4.2 | 11 |
| 195 | A measurement of the Tau topological branching ratios. <i>European Physical Journal C</i> , 2001 , 20, 617-637 | 4.2 | 11 |

| | | | |
|-----|--|-----|----|
| 194 | Search for R-parity violation with a $U D D$ coupling at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 500, 22-36 | 4.2 | 11 |
| 193 | Studies of the resonance structure in decays. <i>European Physical Journal C</i> , 2018 , 78, 443 | 4.2 | 11 |
| 192 | Updated determination of $D^0 D^0$ mixing and CP violation parameters with $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 11 |
| 191 | Study of charmonium production in π -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , 2017 , 77, 609 | 4.2 | 10 |
| 190 | Measurement of CP observables in $B^0 \rightarrow D^0 K^0$ and $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 16-30 | 4.2 | 10 |
| 189 | Study of (χS) production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}=5)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 10 |
| 188 | First observation of the decay $D^0 \rightarrow K^+ K^- \pi^0$ in the D^0 region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 558-567 | 4.2 | 10 |
| 187 | Measurement of the B^0 and B^+ baryon lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 154-162 | 4.2 | 10 |
| 186 | Search for the rare decay $(K_{\text{S}}^0 \rightarrow \mu^+ \mu^-)$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 10 |
| 185 | Measurement of the effective α_s . <i>Nuclear Physics B</i> , 2013 , 873, 275-292 | 2.8 | 10 |
| 184 | Measurement of B_{S}^0 and D_{S}^0 Meson Lifetimes. <i>Physical Review Letters</i> , 2017 , 119, 101801 | 7.4 | 10 |
| 183 | Observation of the suppressed decay $B \rightarrow b \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 10 |
| 182 | Measurement of B^0, B_s^0, B^+ and B^0 production asymmetries in 7 and 8 TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 139-158 | 4.2 | 10 |
| 181 | First Observation of a Baryonic B_{S}^0 Decay. <i>Physical Review Letters</i> , 2017 , 119, 041802 | 7.4 | 10 |
| 180 | Search for the decay $(B_{\text{S}}^0 \rightarrow \overline{D}^0 f_0(980))$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 10 |
| 179 | Measurement of the B_{S}^0 meson lifetime in $D_s^+ \rightarrow \pi^-$ decays. <i>Physical Review Letters</i> , 2014 , 113, 172001 | 7.4 | 10 |
| 178 | Observation of charmonium pairs produced exclusively in $\$pp\$ collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002$ | 2.9 | 10 |
| 177 | Measurement of the effective α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 393-400 | 4.2 | 10 |

| | | | |
|-----|---|-----|----|
| 176 | A study of \bar{b} production in $e+e$ collisions at $(\sqrt{s})=130$ GeV. <i>European Physical Journal C</i> , 2009 , 60, 1-15 | 4.2 | 10 |
| 175 | Study of the dependence of direct soft photon production on the jet characteristics in hadronic Z^0 decays. <i>European Physical Journal C</i> , 2010 , 67, 343-366 | 4.2 | 10 |
| 174 | Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , 1998 , 1, 1 | 4.2 | 10 |
| 173 | Search for \bar{B} in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 340-346 | 4.2 | 10 |
| 172 | Search for excited leptons in $e+e-$ collisions at $(\sqrt{s})=189$ GeV. <i>European Physical Journal C</i> , 2006 , 46, 277 | 4.2 | 10 |
| 171 | A precise measurement of the tau lifetime. <i>European Physical Journal C</i> , 2004 , 36, 283-296 | 4.2 | 10 |
| 170 | Determination of the $(e^+ + e^- \rightarrow \gamma \gamma (\gamma))$ cross-section at LEP 2. <i>European Physical Journal C</i> , 2004 , 37, 405-419 | 4.2 | 10 |
| 169 | Measurement of the energy dependence of hadronic jet rates and the strong coupling (α_s) from the four-jet rate with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2005 , 38, 413-426 | 4.2 | 10 |
| 168 | Search for spontaneous R-parity violation at \sqrt{s} and $189\sqrt{s}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 24-36 | 4.2 | 10 |
| 167 | A new algorithm for identifying the flavour of B^0 mesons at LHCb. <i>Journal of Instrumentation</i> , 2016 , 11, P05010-P05010 | 1 | 10 |
| 166 | Search for B_c^+ decays to the pp^{π} final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 313-321 | 4.2 | 10 |
| 165 | Prompt \bar{B}_c production in pPb collisions at $(\sqrt{s_{NN}})=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 10 |
| 164 | Measurement of the mass and production rate of B^0 baryons. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 9 |
| 163 | Determination of Γ_{had} from charmless two-body decays of beauty mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 1-11 | 4.2 | 9 |
| 162 | A measurement of the CP asymmetry difference between $\bar{B}^0 \rightarrow \pi^+ K^0$ and $B^0 \rightarrow \pi^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, | 5.4 | 9 |
| 161 | Branching fraction and CP asymmetry of the decays $B^+ \rightarrow K^0 \pi^+$ and $B^+ \rightarrow K^0 K^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 646-655 | 4.2 | 9 |
| 160 | Measurement of the time-dependent CP asymmetries in $B^0 \rightarrow \pi^0 K^0$. <i>Journal of High Energy Physics</i> , 2015 , 2015, | 5.4 | 9 |
| 159 | Observation of the $B^0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 468-478 | 4.2 | 9 |

| | | | |
|-----|---|-----|---|
| 158 | Study of $B_0 \rightarrow \bar{D}^* \mu \mu$ and $B_0 \rightarrow \bar{D}^* \tau \mu$ decays. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 9 |
| 157 | First observation of the decays $B(s)0 \rightarrow \bar{D}s + K \mu \mu$ and $B(s)0 \rightarrow \bar{D}s1(2536) + \mu \mu$. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 9 |
| 156 | Bose-Einstein Correlations in $W^+ W^-$ events at LEP2. <i>European Physical Journal C</i> , 2005 , 44, 161-174 | 4.2 | 9 |
| 155 | Inclusive Λ and $\Lambda(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 429-447 | 4.2 | 9 |
| 154 | Search for CP violation in $B_0 \rightarrow \bar{\rho} K$ and $B_0 \rightarrow \bar{\rho} \pi$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 124-133 | 4.2 | 9 |
| 153 | Measurement of the CKM angle α using $B^0 \rightarrow \bar{D} K$ with $D \rightarrow \bar{K} 0_S \mu \mu K 0_S K + K$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 9 |
| 152 | Search for the rare decay $B^+ \rightarrow \bar{\rho} \mu \mu$. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 9 |
| 151 | Search for the suppressed decays $B^+ \rightarrow \bar{K} + K + \mu \mu$ and $B^+ \rightarrow \bar{\mu} \mu K$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 765, 307-316 | 4.2 | 8 |
| 150 | Observation of $B_c^+ \rightarrow \bar{D}^0 (*) K (*)$ decays. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 8 |
| 149 | Measurements of charm mixing and CP violation using $D_0 \rightarrow \bar{K} \mu \mu$ decays. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 8 |
| 148 | Measurement of the Charm-Mixing Parameter y_{CP} . <i>Physical Review Letters</i> , 2019 , 122, 011802 | 7.4 | 8 |
| 147 | Study of $\mu \mu$ mixing from measurement of $B(s)0 \rightarrow \bar{D}^0 \mu \mu$ decay rates. <i>Journal of High Energy Physics</i> , 2015 , 2015, | 5.4 | 8 |
| 146 | Measurement of branching fractions of charmless four-body $\bar{D}^0 b$ and $\bar{D}^0 b$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 8 |
| 145 | Evidence for the Rare Decay $B^0 \rightarrow \bar{\rho} \mu \mu \rho$. <i>Physical Review Letters</i> , 2018 , 120, 221803 | 7.4 | 8 |
| 144 | Observation of Λ_c . <i>Nuclear Physics B</i> , 2013 , 874, 663-678 | 2.8 | 8 |
| 143 | α_{c1} and α_{c2} Resonance Parameters with the Decays $B(c1, c2) \rightarrow \bar{D}^0 \mu \mu \rho$. <i>Physical Review Letters</i> , 2017 , 119, 221801 | 7.4 | 8 |
| 142 | Measurement of the B^0 production cross-section in pp collisions at $\sqrt{s} = 7, 8, 13$ TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 8 |
| 141 | Measurement of the $B_0 \rightarrow \bar{D}^0 \mu \mu$ branching fraction and search for the decay $B_0 \rightarrow \bar{D}^0 \tau \tau$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 8 |

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|-----|--|-----|---|
| 140 | Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , 2015 , 75, 595 | 4.2 | 8 |
| 139 | First observation of the decays $B(0) \rightarrow D(+)\bar{K}(-)\ell(+)\ell(-)$ and $B(-) \rightarrow D(0)K(-)\ell(+)\ell(-)$. <i>Physical Review Letters</i> , 2012 , 108, 161801 | 7.4 | 8 |
| 138 | Observation of the muon inner bremsstrahlung at LEP1. <i>European Physical Journal C</i> , 2008 , 57, 499-514 | 4.2 | 8 |
| 137 | Searches for neutral Higgs bosons in (e^+e^-) collisions from $(\sqrt{s} = 191.6)$ to 201.7 GeV. <i>European Physical Journal C</i> , 2002 , 23, 409-435 | 4.2 | 8 |
| 136 | Single intermediate vector boson production in e^+e^- collisions at $s=183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 515, 238-254 | 4.2 | 8 |
| 135 | Search for promptly produced heavy quarkonium states in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 575-583 | | 8 |
| 134 | Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 8 |
| 133 | Measurement of forward W production in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 8 |
| 132 | Study of η' production in pPb collisions at $(\sqrt{s_{\text{NN}}}=8.16)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 8 |
| 131 | Measurement of Angular and CP Asymmetries in $D^0 \rightarrow \bar{K}^0 \pi^+ \pi^-$ and $D^0 \rightarrow \bar{K}^0 \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2018 , 121, 091801 | 7.4 | 8 |
| 130 | Measurements of the branching fractions of $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$, $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$, and $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$. <i>Journal of High Energy Physics</i> , 2018 , 2018, | 5.4 | 8 |
| 129 | Search for the CP-violating strong decays $B \rightarrow \pi \pi$ and $B(958) \rightarrow \pi \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 233-240 | 4.2 | 7 |
| 128 | Observation of the Decay $B \rightarrow \bar{K}^* K^*$. <i>Physical Review Letters</i> , 2017 , 118, 071801 | 7.4 | 7 |
| 127 | Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , 2017 , 77, 678 | 4.2 | 7 |
| 126 | Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 7 |
| 125 | Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0$ and $D^0 + K^+$ final states. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 7 |
| 124 | Observation of the $B \rightarrow \bar{K}^* \ell^+ \ell^-$ decay. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 7 |
| 123 | Observation of the decay $B \rightarrow \bar{K}^* \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 101-111 | 4.2 | 7 |

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|-----|--|-----|---|
| 122 | First evidence for the two-body charmless baryonic decay $\{B^0\} \to p \bar{p}$. <i>Journal of High Energy Physics</i> , 2013 , 2013, | 5-4 | 7 |
| 121 | First observation of the decay $(B_s^0 \to \phi \bar{K}^{*0})$. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5-4 | 7 |
| 120 | Search for CP violation in the phase space of $D^0 \to \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 345-356 | 4-2 | 7 |
| 119 | Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5-4 | 7 |
| 118 | Search for the rare decays $B^0 \to \mu^+ \mu^-$ and $B_s^0 \to \mu^+ \mu^-$ <i>Physical Review D</i> , 2015 , 92, | 4-9 | 7 |
| 117 | Observation of the $B(s)(0) \to \mu^+ \mu^-$ Decay. <i>Physical Review Letters</i> , 2015 , 115, 051801 | 7-4 | 7 |
| 116 | First observations of the rare decays $B^+ \to \pi^+ K^0$ and $B^+ \to \pi^+ K^+$ <i>Journal of High Energy Physics</i> , 2014 , 2014, 1 | 5-4 | 7 |
| 115 | A study of the reaction $e^+ e^- \to \mu^+ \mu^-$ at LEP and search for new physics at annihilation energies near 80 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 75, 581-592 | | 7 |
| 114 | A determination of the centre-of-mass energy at LEP2 using radiative two-fermion events. <i>European Physical Journal C</i> , 2006 , 46, 295-305 | 4-2 | 7 |
| 113 | Search for resonant $(\tilde{\nu})$ production at $(\sqrt{s} =)$ 183 to 208 GeV. <i>European Physical Journal C</i> , 2003 , 28, 15-26 | 4-2 | 7 |
| 112 | Flavour independent searches for hadronically decaying neutral Higgs bosons. <i>European Physical Journal C</i> , 2005 , 44, 147-159 | 4-2 | 7 |
| 111 | Search for a dimuon resonance in the τ mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5-4 | 7 |
| 110 | Search for CP violation using triple product asymmetries in $D^0 \to \pi^+ \pi^- \pi^0$ and $D^0 \to \pi^+ \pi^- K^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5-4 | 7 |
| 109 | Amplitude Analysis of the Decay $B^0 \to \pi^+ \pi^- \pi^0$ and First Observation of the CP Asymmetry in $B^0 \to \pi^+ \pi^- \pi^0$. <i>Physical Review Letters</i> , 2018 , 120, 261801 | 7-4 | 7 |
| 108 | Measurement of the B^0 production asymmetry and the CP asymmetry in $B^0 \to \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2017 , 95, | 4-9 | 6 |
| 107 | First measurement of the CP-violating phase $(\phi_s^{\pi^+ \pi^-})$ in $B^0 \to \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5-4 | 6 |
| 106 | Measurement of the mass and lifetime of the Λ_b baryon. <i>Physical Review D</i> , 2016 , 93, | 4-9 | 6 |
| 105 | Constraints on the unitarity triangle angle Γ from Dalitz plot analysis of $B^0 \to \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2016 , 93, | 4-9 | 6 |

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| 104 | Measurement of CP observables in $B^0 \rightarrow DK^*$ with $D \rightarrow K + K$ <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 6 |
| 103 | Searches for $(B_{(s)}^0 \rightarrow \{J/\psi, \psi(2S)\} \overline{p})$ and $B^+ \rightarrow J/\psi (\overline{p})$ decays. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 6 |
| 102 | Measurement of CP asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D_s^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 21-30 | 4.2 | 6 |
| 101 | Observation of the decay $B_s^0 \rightarrow \tau^+ \tau^-$ and evidence for $B_s^0 \rightarrow \tau^+ \nu_\tau$ <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 6 |
| 100 | Measurement of the $Y(nS)$ polarizations in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 6 |
| 99 | Measurement of CP asymmetries and polarisation fractions in $(B_{(s)}^0 \rightarrow \{K^{\ast 0}, K^{\ast 0}(\overline{K}^{\ast 0})\})$ decays. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 6 |
| 98 | Search for the $D^0_b \rightarrow \tau^+ \tau^-$ and $D^0_b \rightarrow \tau^+ \nu_\tau$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 6 |
| 97 | Observation of $B_{(s)}^0 \rightarrow \{K^{\ast \pm} \pi^{\mp}\} \{K^{\ast \mp} \pi^{\pm}\}$ and evidence for $B_{(s)}^0 \rightarrow \{K^{\ast \pm} \pi^{\mp}\} \{K^{\ast \mp} \pi^{\pm}\}$ decays. <i>New Journal of Physics</i> , 2014 , 16, 123001 | 2.9 | 6 |
| 96 | Search for the decay $B_s^0 \rightarrow D^* \tau^+ \tau^-$. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 6 |
| 95 | Measurement of the inclusive charmless and double-charm B branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 193-206 | 4.2 | 6 |
| 94 | Study of leading hadrons in gluon and quark fragmentation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 643, 147-157 | 4.2 | 6 |
| 93 | Measurement of the forward-backward asymmetries of $(e^+ + e^- \rightarrow Z \rightarrow b \overline{b})$ and $(e^+ + e^- \rightarrow Z \rightarrow c \overline{c})$ using prompt leptons. <i>European Physical Journal C</i> , 2004 , 34, 109-125 | 4.2 | 6 |
| 92 | Search for $(B_{(s)}^0 \rightarrow \overline{B_{(s)}^0})$ oscillations in DELPHI using high- p_t leptons. <i>European Physical Journal C</i> , 2004 , 35, 35-52 | 4.2 | 6 |
| 91 | A search for invisible Higgs bosons produced in e^+e^- interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 367-381 | 4.2 | 6 |
| 90 | Determination of the average lifetime of Λ_b -baryons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 199-210 | | 6 |
| 89 | A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , 2016 , 76, 412 | 4.2 | 6 |
| 88 | Measurement of the CKM angle γ using $B^0 \rightarrow DK^*$ with $D \rightarrow K S^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2016 , 2016, | 5.4 | 6 |
| 87 | Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , 2016 , 117, 261801 | 7.4 | 6 |

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| 86 | Model-independent measurement of the CKM angle α using $B^0 \rightarrow DK^0$ decays with $D \rightarrow K^0 \pi^+ \pi^-$ and $K^0 \rightarrow K^+ K^-$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 6 |
| 85 | Observation of the decay $B_s^0 \rightarrow D^0 K^+ K^-$. <i>Physical Review D</i> , 2018 , 98, | 4.9 | 6 |
| 84 | Measurement of χ production in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 6 |
| 83 | First observation of $B^+ \rightarrow D^+ s K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s \chi$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 6 |
| 82 | Observation of charmless baryonic decays $B(s) \rightarrow \bar{p} \pi^+ h^0$. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 5 |
| 81 | Observation of $B_{s1} \rightarrow D^0 K_{S1}^0$ and Evidence for $B_{s1} \rightarrow D^0 K_{S1}^{*0}$ Decays. <i>Physical Review Letters</i> , 2016 , 116, 161802 | 7.4 | 5 |
| 80 | Amplitude analysis of $B^0 \rightarrow K^0 K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 5 |
| 79 | Observation of the decay $B^0 \rightarrow \bar{p} K^+ \pi^-$ and a search for CP violation. <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 5 |
| 78 | Study of $(\overline{\text{b}} \text{b})$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 5 |
| 77 | Determination of the branching fractions of $B^0 \rightarrow D^+ S^- K^+$ and $B^0 \rightarrow D^+ B^- K^+$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 5 |
| 76 | Measurement of the charged particle multiplicity of weakly decaying B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 425, 399-412 | 4.2 | 5 |
| 75 | Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 653, 151-160 | 4.2 | 5 |
| 74 | A precise measurement of the B^+ , B^0 and mean b-hadron lifetime with the DELPHI detector at LEP I. <i>European Physical Journal C</i> , 2004 , 33, 307-324 | 4.2 | 5 |
| 73 | Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 569, 129-139 | 4.2 | 5 |
| 72 | First measurement of $f_2'(1525)$ production in Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 379, 309-318 | 4.2 | 5 |
| 71 | Measurement of the ratio of branching fractions $(\text{Br}(B \rightarrow K^+ J/\psi) / \text{Br}(B \rightarrow K^+ J/\psi)) / (\text{Br}(B \rightarrow D^+ J/\psi) / \text{Br}(B \rightarrow D^+ J/\psi))$. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 5 |
| 70 | Observation of $B_s^0 \rightarrow D^0 \pi^0$ and search for $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , 2018 , 98, | 4.9 | 5 |
| 69 | Observation of the decay $D^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 5 |

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| 68 | Search for weakly decaying b-flavored pentaquarks. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 5 |
| 67 | Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 110-120 | 4.2 | 4 |
| 66 | Observation of [Formula: see text] and [Formula: see text] decays. <i>European Physical Journal C</i> , 2017 , 77, 72 | 4.2 | 4 |
| 65 | Observation of $B_{(s)}^0 \rightarrow \bar{b}p$ Decays and Precision Measurements of the $B_{(s)}^0$ Masses. <i>Physical Review Letters</i> , 2019 , 122, 191804 | 7.4 | 4 |
| 64 | Measurement of CP asymmetry in $B^0 \rightarrow \bar{D}^+ s K^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 4 |
| 63 | Search for B_c^+ decays to two charm mesons. <i>Nuclear Physics B</i> , 2018 , 930, 563-582 | 2.8 | 4 |
| 62 | Dalitz plot analysis of the $D^+ \rightarrow \bar{K}^0 K^+$ decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 4 |
| 61 | Limits on neutral Higgs boson production in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1 | 5.4 | 4 |
| 60 | New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , 2017 , 77, 238 | 4.2 | 4 |
| 59 | Evidence for the two-body charmless baryonic decay ($\Lambda_b^+ \rightarrow \bar{p} \Lambda$). <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 4 |
| 58 | First Observation of the Rare Purely Baryonic Decay $\Lambda_b^+ \rightarrow \bar{p} \Lambda$. <i>Physical Review Letters</i> , 2017 , 119, 232001 | 7.4 | 4 |
| 57 | Measurement of CP observables in $B^0 \rightarrow \bar{D}^0 K^{\pm}$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 4 |
| 56 | Updated branching fraction measurements of $B^0 \rightarrow \bar{K}^0 S^0 h^{\pm} K^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 4 |
| 55 | Study of $B^0 \rightarrow \bar{D}^0 K^{\pm}$ and $B^0 \rightarrow \bar{D}^0 K^{\pm}$ decays and determination of the CKM angle α <i>Physical Review D</i> , 2015 , 92, | 4.9 | 4 |
| 54 | First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \bar{D}^0 s^+ K^{\pm}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 4 |
| 53 | Measurement of the transverse spin correlation in $Z \rightarrow \bar{b} b$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 194-206 | 4.2 | 4 |
| 52 | Search for B_s^0 oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 382-400 | 4.2 | 4 |
| 51 | Coherent soft particle production in Z decays into three jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 605, 37-48 | 4.2 | 4 |

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|----|--|-----|---|
| 50 | . <i>European Physical Journal C</i> , 2005 , 44, 311-331 | 4.2 | 4 |
| 49 | Measurement of the B_s^0 lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 484-492 | 4.2 | 4 |
| 48 | Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow S K^0 S$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 4 |
| 47 | Measurement of forward top pair production in the dilepton channel in pp collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 4 |
| 46 | Measurement of $D \rightarrow s$ production asymmetry in pp collisions at ($\sqrt{s}=7$) and 8 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 4 |
| 45 | First observation of the rare $B^+ \rightarrow D^+ K^+ \eta$ decay. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 3 |
| 44 | Measurement of the $B_s^0 \rightarrow D_s^*(*) + D_s^*(*)$ branching fractions. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 3 |
| 43 | First observation of the decay $B^0 \rightarrow s \rightarrow K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 3 |
| 42 | Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+$, $D^+ \rightarrow K^+ K^+$ and $D^+ \rightarrow K^+ K^+$. <i>Journal of High Energy Physics</i> , 2019 , 2019, | 5.4 | 3 |
| 41 | Amplitude analysis of the ($B^0 \rightarrow K^* \overline{K}^*$) decays and measurement of the branching fraction of the ($B^0 \rightarrow K^* \overline{K}^*$) decay. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 3 |
| 40 | Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 3 |
| 39 | Search for single top quark production via contact interactions at LEP2. <i>European Physical Journal C</i> , 2011 , 71, 1 | 4.2 | 3 |
| 38 | Search for a fourth generation b quark at LEP-II at ($\sqrt{s}=196$ – 209 GeV. <i>European Physical Journal C</i> , 2007 , 50, 507-518 | 4.2 | 3 |
| 37 | A measurement of the tau hadronic branching ratios. <i>European Physical Journal C</i> , 2006 , 46, 1-26 | 4.2 | 3 |
| 36 | The ($\eta_c(2980)$) formation in two-photon collisions at LEP energies. <i>European Physical Journal C</i> , 2003 , 31, 481-489 | 4.2 | 3 |
| 35 | Inclusive $b \rightarrow c$ decays to wrong sign charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 26-40 | 4.2 | 3 |
| 34 | Determination of A_{FB}^b at the Z pole using inclusive charge reconstruction and lifetime tagging. <i>European Physical Journal C</i> , 2005 , 40, 1-25 | 4.2 | 3 |
| 33 | Rapidity-rank structure of pp pairs in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 61-70 | 4.2 | 3 |

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|----|--|-----|---|
| 32 | Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , 2018 , 78, 1008 | 4.2 | 3 |
| 31 | Measurement of the relative $B \rightarrow D^0/D^{*0}/D^{*0} \pi^0$ branching fractions using $B \rightarrow \pi^0$ mesons from $B \rightarrow \pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 2 |
| 30 | Search for CP Violation in $D_{s1}^+ \rightarrow K_{S1}^0 \pi^+$, $D^+ \rightarrow K_{S1}^0 K^+$, and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 191803 | 7.4 | 2 |
| 29 | Observation of the doubly Cabibbo-suppressed decay $B \rightarrow c \rightarrow \bar{p} \pi^0$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 2 |
| 28 | Search for CP violation through an amplitude analysis of $D^0 \rightarrow \bar{K}^0 K^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 2 |
| 27 | Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^+ \pi^0$ and $B \rightarrow \pi^+ \pi^+$. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 2 |
| 26 | Study of the $B^0 \rightarrow \rho(770)^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow \rho(770)^0 (K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 2 |
| 25 | Observation of the $B^+ \rightarrow \bar{D}^0 K^+ \pi^0$ decay. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 2 |
| 24 | Measurement of CP violation in $B^0 \rightarrow \pi^+ \pi^- S^0$ and $B^0 \rightarrow \rho(770)^0 K^+ S^0$ decays. <i>Journal of High Energy Physics</i> , 2017 , 2017, | 5.4 | 2 |
| 23 | Publisher's Note: Evidence for CP Violation in Time-Integrated $D^0 \rightarrow \pi^+ \pi^0$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. <i>Physical Review Letters</i> , 2012 , 108, | 7.4 | 2 |
| 22 | Z^0 production in e^+e^- interactions at ($\sqrt{s} = 183\text{-}209, \text{text}\{\text{GeV}\}$). <i>European Physical Journal C</i> , 2007 , 51, 503-523 | 4.2 | 2 |
| 21 | Masses, lifetimes and production rates of Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 179-191 | 4.2 | 2 |
| 20 | Study of double-tagged Z^0 events at LEP II. <i>European Physical Journal C</i> , 2006 , 46, 559-568 | 4.2 | 2 |
| 19 | Rapidity-alignment and p_T compensation of particle pairs in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 533, 243-252 | 4.2 | 2 |
| 18 | Measurement of $Z^0 \rightarrow \mu^+ \mu^-$ production in proton-proton collisions at ($\sqrt{s} = 8$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 2 |
| 17 | Measurement of CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 2 |
| 16 | First observation of forward $Z^0 \rightarrow b \bar{b}$ production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 430-439 | 4.2 | 1 |
| 15 | Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \rho(770)^0 \pi^0$ and $B^0 \rightarrow \pi^+ \pi^-$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1 | 5.4 | 1 |

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| 14 | Measurement of the branching fraction and (C)P asymmetry in $(\{B^+\} \rightarrow \{J/\psi\} \{\rho^+\})$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1 | 4.2 | 1 |
| 13 | Search for the $B^0 \rightarrow \mu^+ \mu^-$ decay. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 1 |
| 12 | Search for Baryon-Number Violating $\Delta B = 1$ Oscillations. <i>Physical Review Letters</i> , 2017 , 119, 181807 | 7.4 | 1 |
| 11 | Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 678, 444-449 | 4.2 | 1 |
| 10 | Di-jet production in e^+e^- collisions at LEP2. <i>European Physical Journal C</i> , 2008 , 58, 531-541 | 4.2 | 1 |
| 9 | An upper limit for $Br(Z^0 \rightarrow f\bar{f}g\bar{g})$ from symmetric 3-jet Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 405-415 | 4.2 | 1 |
| 8 | Mean lifetime of the B^0 meson 1996 , 71, 11 | | 1 |
| 7 | Measurement of the B^0 oscillation frequency using kaons, leptons and jet charge 1996 , 72, 17 | | 1 |
| 6 | Measurement of the CP asymmetry in $B^0 \rightarrow D^0$ and $B^0 \rightarrow D^0$ decays. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 1 |
| 5 | Observation of the decay $(\overline{B}_s^0 \rightarrow \chi_{c2}^+ K^+ K^-)$ in the B^0 mass region. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1 | 5.4 | 0 |
| 4 | Measurement of the electron structure function F_2^e at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 737, 39-47 | 4.2 | |
| 3 | Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP2 energies 189-209 GeV. <i>European Physical Journal C</i> , 2009 , 63, 611-623 | 4.2 | |
| 2 | Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 65-73 | 4.2 | |
| 1 | Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. <i>European Physical Journal C</i> , 2008 , 54, 1 | 4.2 | |