

# Michael Danilov

## List of Publications by Year in Descending Order

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

810  
papers

28,130  
citations

78  
h-index

130  
g-index

831  
ext. papers

31,964  
ext. citations

4.9  
avg, IF

5.25  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 810 | The performance of a new Kuraray wavelength shifting fiber YS-2. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, P01031  | 1    | 1         |
| 809 | Status and perspectives of neutrino physics. <i>Progress in Particle and Nuclear Physics</i> , <b>2022</b> , 103947  | 10.6 | 0         |
| 808 | Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1 | 5.4  | 0         |
| 807 | Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 153   | 4.2  | 0         |
| 806 | Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1   | 5.4  |           |
| 805 | Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 290   | 4.2  | 0         |
| 804 | Optimized scintillation strip design for the DANSS upgrade. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, P04009   |      |           |
| 803 | Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1            | 5.4  | 0         |
| 802 | Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1                            | 5.4  | 0         |
| 801 | Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1                              | 5.4  |           |
| 800 | Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 970   | 4.2  | 3         |
| 799 | Search for a heavy Higgs boson decaying into two lighter Higgs bosons in the $\text{Bb}$ final state at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5.4  | 2         |
| 798 | Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1                       | 5.4  | 3         |
| 797 | Observation of $\text{tW}$ production in the single-lepton channel in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5.4  | 0         |
| 796 | Search for dark photons in Higgs boson production via vector boson fusion in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5.4  | 2         |
| 795 | Search for nonresonant Higgs boson pair production in final states with two bottom quarks and two photons in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1        | 5.4  | 4         |
| 794 | Measurement of differential cross sections for Z bosons produced in association with charm jets in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1                             | 5.4  | 1         |

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| 793 | Measurement of b jet shapes in proton-proton collisions at $(\sqrt{s}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1   | 5-4 | 0  |
| 792 | Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 488  | 4-2 | 5  |
| 791 | Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{\text{mathrm}\{s\}}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1                                | 5-4 | 3  |
| 790 | Search for resonant and nonresonant new phenomena in high-mass dilepton final states at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5-4 | 5  |
| 789 | Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 13   | 4-2 | 7  |
| 788 | Evidence for Higgs boson decay to a pair of muons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5-4 | 14 |
| 787 | Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 3  | 4-2 | 5  |
| 786 | Supernova Model Discrimination with Hyper-Kamiokande. <i>Astrophysical Journal</i> , <b>2021</b> , 916, 15  | 4-7 | 4  |
| 785 | MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 629   | 4-2 | 4  |
| 784 | Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 800   | 4-2 | 7  |
| 783 | Measurement of prompt open-charm production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5-4 |    |
| 782 | Measurement of the inclusive and differential $t\bar{t}$ cross sections in the single-lepton channel and EFT interpretation at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1                         | 5-4 | 0  |
| 781 | Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1   | 5-4 | 0  |
| 780 | Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1  | 5-4 | 1  |
| 779 | Running of the top quark mass from proton-proton collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135263  | 4-2 | 9  |
| 778 | Search for new neutral Higgs bosons through the $(\text{H})\rightarrow\text{ZZ}\rightarrow\text{ZZ}\rightarrow\text{ZZ}$ process in pp collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1 | 5-4 | 10 |
| 777 | Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , <b>2020</b> , 80, 534  | 4-2 | 6  |
| 776 | Evidence for $(\text{W})\text{W}$ production from double-parton interactions in proton-proton collisions at $(\sqrt{s} = 13, \text{TeV})$ . <i>European Physical Journal C</i> , <b>2020</b> , 80, 1                                      | 4-2 | 4  |

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|-----|---|-----|----|
| 775 | Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 3   | 4.2 | 16 |
| 774 | Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , <b>2020</b> , 80, 4  | 4.2 | 61 |
| 773 | A search for the standard model Higgs boson decaying to charm quarks. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1   | 5.4 | 9  |
| 772 | Study of $J/\psi$ meson production inside jets in pp collisions at $s=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 804, 135409  | 4.2 | 3  |
| 771 | Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s}=13\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 131802   | 7.4 | 12 |
| 770 | Study of excited $B_0$ states decaying to $B_0\pi\pi$ in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135345   | 4.2 | 19 |
| 769 | A measurement of the Higgs boson mass in the diphoton decay channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 805, 135425  | 4.2 | 25 |
| 768 | Production of $\Xi^+$ baryons in proton-proton and lead-lead collisions at $s_{NN}=5.02\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135328  | 4.2 | 11 |
| 767 | Comment on Analysis of the Results of the Neutrino-4 Experiment on the Search for the Sterile Neutrino and Comparison with Results of Other Experiments (JETP Letters 112, 199 (2020)). <i>JETP Letters</i> , <b>2020</b> , 112, 452-454  | 1.2 | 3  |
| 766 | Measurement of $(\bar{t}t)$ normalised multi-differential cross sections in $(pp)$ collisions at $(\sqrt{s}=13, \text{TeV})$ , and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1 | 4.2 | 13 |
| 765 | Particle identification using Boosted Decision Trees in the Semi-Digital Hadronic Calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P10009-P10009  | 1   | 0  |
| 764 | Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1  | 5.4 | 16 |
| 763 | Observation of the $B_0 \rightarrow J/\psi$ decay in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 802, 135203   | 4.2 | 5  |
| 762 | Measurement of properties of $(B_s^0 \rightarrow \mu\mu)$ decays and search for $B_0 \rightarrow \mu\mu$ with the CMS experiment. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1   | 5.4 | 10 |
| 761 | Measurement of the cross section for $(\bar{t}t)$ production with additional jets and b jets in pp collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1   | 5.4 | 1  |
| 760 | Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1  | 5.4 | 13 |
| 759 | Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1  | 5.4 | 18 |
| 758 | Search for supersymmetry in pp collisions at $s=13\text{ TeV}$ with $137\text{ fb}^{-1}$ in final states with a single lepton using the sum of masses of large-radius jets. <i>Physical Review D</i> , <b>2020</b> , 101,   | 4.9 | 6  |

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| 757 | Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 752  | 4.2 | 2   |
| 756 | Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1   | 5.4 | 8   |
| 755 | Measurement of the $t\bar{t}b\bar{b}$ production cross section in the all-jet final state in pp collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 803, 135283            | 4.2 | 5   |
| 754 | Search for a Light Charged Higgs Boson Decaying to a W Boson and a CP-Odd Higgs Boson in Final States with $e\bar{\nu}_\tau$ in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 131802                | 7.4 | 6   |
| 753 | Industrial Reactor Power Monitoring Using Antineutrino Counts in the DANSS Detector. <i>Physics of Atomic Nuclei</i> , <b>2019</b> , 82, 415-424   | 0.4 | 2   |
| 752 | Studies of Beauty Suppression via Nonprompt $D^{\{0\}}$ Mesons in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 022001   | 7.4 | 7   |
| 751 | Search for Higgs and Z boson decays to $J/\psi$ pairs in the four-muon final state in proton-proton collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134811        | 4.2 | 4   |
| 750 | Measurement of $B_s^0$ meson production in pp and PbPb collisions at $s_{NN}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 796, 168-190   | 4.2 | 5   |
| 749 | Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1 | 5.4 | 8   |
| 748 | Search for Dark Matter Particles Produced in Association with a Top Quark Pair at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 011803  | 7.4 | 7   |
| 747 | Search for the Higgs Boson Decaying to Two Muons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 021801  | 7.4 | 22  |
| 746 | Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $s_{NN}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 789, 643-665  | 4.2 | 17  |
| 745 | Measurement and interpretation of differential cross sections for Higgs boson production at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 792, 369-396                             | 4.2 | 18  |
| 744 | Search for the pair production of light top squarks in the $e^+e^-$ final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 4   |
| 743 | Measurement of associated production of a boson and a charm quark in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 269   | 4.2 | 9   |
| 742 | Observation of prompt $J/\psi$ meson elliptic flow in high-multiplicity pPb collisions at $s_{NN}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 791, 172-194                        | 4.2 | 14  |
| 741 | Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 421  | 4.2 | 153 |
| 740 | Upgrade of the Time of Flight system of the CMD-3 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 598-600                          | 1.2 | 3   |

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| 739 | Characterisation of different stages of hadronic showers using the CALICE Si-W ECAL physics prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 937, 41-52                                     | 1.2 | 2  |
| 738 | Analysis of testbeam data of the highly granular RPC-steel CALICE digital hadron calorimeter and validation of Geant4 Monte Carlo models. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 939, 89-105 | 1.2 | 2  |
| 737 | Measurements of the Higgs boson width and anomalous HVV couplings from on-shell and off-shell production in the four-lepton final state. <i>Physical Review D</i> , <b>2019</b> , 99,  | 4.9 | 42 |
| 736 | Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 368  | 4.2 | 27 |
| 735 | Search for nonresonant Higgs boson pair production in the ( $\overline{\text{b}}\text{b}$ ) final state at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 4  |
| 734 | Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 280   | 4.2 | 12 |
| 733 | Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 793, 320-347               | 4.2 | 21 |
| 732 | Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 364  | 4.2 | 18 |
| 731 | Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152001   | 7.4 | 8  |
| 730 | Search for W Boson Decays to Three Charged Pions. <i>Physical Review Letters</i> , <b>2019</b> , 122, 151802   | 7.4 | 1  |
| 729 | Measurement of prompt $\tau$ production cross sections in proton-lead and proton-proton collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 790, 509-532   | 4.2 | 6  |
| 728 | Study of the underlying event in top quark pair production in collisions at 13. <i>European Physical Journal C</i> , <b>2019</b> , 79, 123   | 4.2 | 4  |
| 727 | Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 9  |
| 726 | Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,  | 4.9 | 24 |
| 725 | Measurements of ( $\overline{\text{t}}\text{t}$ ) differential cross sections in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV using events containing two leptons. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 15 |
| 724 | Search for ( $\overline{\text{t}}\text{tH}$ ) production in the ( $\text{H}$ to $\overline{\text{b}}\text{b}$ ) decay channel with leptonic ( $\overline{\text{t}}\text{t}$ ) decays in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1     | 5.4 | 17 |
| 723 | Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at ( $\sqrt{s} = 13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 2  |
| 722 | Search for resonant ( $\overline{\text{t}}\text{t}$ ) production in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 13 |



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| 721 | Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132003  | 7.4 | 6  |
| 720 | Observation of Two Excited $B_{c}^{+}$ States and Measurement of the $B_{c}^{+}(2S)$ Mass in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132001  | 7.4 | 31 |
| 719 | Constraints on Hidden Photons Produced in Nuclear Reactors. <i>Physical Review Letters</i> , <b>2019</b> , 122, 041801   | 7.4 | 9  |
| 718 | Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 7  |
| 717 | Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 7  |
| 716 | Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 14 |
| 715 | Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two leptons and two jets in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 18 |
| 714 | Search for a $W'$ boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 4  |
| 713 | Search for top quark partners with charge 5/3 in the same-sign dilepton and single-lepton final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 9  |
| 712 | Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 8  |
| 711 | Search for excited leptons in final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 2  |
| 710 | Search for the production of $W^-W^-W^+$ events at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 3  |
| 709 | Search for pair production of first-generation scalar leptoquarks at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2019</b> , 99,   | 4.9 | 15 |
| 708 | Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 564   | 4.2 | 20 |
| 707 | Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 795, 398-423 | 4.2 | 17 |
| 706 | Neutrino-Based Tools for Nuclear Verification and Diplomacy in North Korea. <i>Science and Global Security</i> , <b>2019</b> , 27, 15-28   | 0.1 | 5  |
| 705 | Measurement of the top quark mass in the all-jets final state at and combination with the lepton+jets channel. <i>European Physical Journal C</i> , <b>2019</b> , 79, 313  | 4.2 | 13 |
| 704 | Search for Neutrinoless Double- $\beta$ Decay with the Complete EXO-200 Dataset. <i>Physical Review Letters</i> , <b>2019</b> , 123, 161802  | 7.4 | 63 |

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|-----|--|-----|----|
| 703 | Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 797, 134876 | 4.2 | 15 |
| 702 | Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 798, 134952   | 4.2 | 10 |
| 701 | Search for MSSM Higgs bosons decaying to $\mu\mu$ in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 798, 134992                                      | 4.2 | 11 |
| 700 | Measurement of the top quark Yukawa coupling from $t\bar{t}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $s=13\text{ TeV}$ . <i>Physical Review D</i> , <b>2019</b> , 100,   | 4.9 | 5  |
| 699 | Charged-particle angular correlations in XeXe collisions at $s_{NN}=5.44\text{ TeV}$ . <i>Physical Review C</i> , <b>2019</b> , 100,   | 2.7 | 14 |
| 698 | Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1  | 5.4 | 7  |
| 697 | Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1                                       | 5.4 | 9  |
| 696 | Study of the $(\text{B}^+ \rightarrow \text{J}/\psi \text{ overline{\Lambda} p})$ decay in proton-proton collisions at $(\sqrt{s}) = 8\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 1  |
| 695 | Searches for sterile neutrinos at very short baseline reactor experiments. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1390, 012049   | 0.3 | 6  |
| 694 | Measurement of the top quark polarization and $t\bar{t}$ spin correlations using dilepton final states in proton-proton collisions at $s=13\text{ TeV}$ . <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 13 |
| 693 | Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to $\mu\mu$ lepton pairs. <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 11 |
| 692 | Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $(\sqrt{s}) = 13\text{ TeV}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1                        | 5.4 | 2  |
| 691 | Search for supersymmetry in proton-proton collisions at $13\text{ TeV}$ in final states with jets and missing transverse momentum. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1   | 5.4 | 21 |
| 690 | Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets. <i>Physical Review Letters</i> , <b>2019</b> , 123, 241801   | 7.4 |    |
| 689 | Search for new physics in top quark production in dilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 886   | 4.2 | 6  |
| 688 | Search for long-lived particles using delayed photons in proton-proton collisions at $s=13\text{ TeV}$ . <i>Physical Review D</i> , <b>2019</b> , 100,   | 4.9 | 7  |
| 687 | Search for Higgs boson pair production in the $\text{B}\bar{\text{B}}^?$ final state in pp collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 788, 7-36                | 4.2 | 24 |
| 686 | Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P01002-P01002   | 1   |    |



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| 685 | Inclusive Search for a Highly Boosted Higgs Boson Decaying to a Bottom Quark-Antiquark Pair. <i>Physical Review Letters</i> , <b>2018</b> , 120, 071802  | 7.4 | 30  |
| 684 | Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp and p+Pb Collisions at the LHC. <i>Physical Review Letters</i> , <b>2018</b> , 120, 092301  | 7.4 | 27  |
| 683 | Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 242   | 4.2 | 4   |
| 682 | Measurement of quarkonium production cross sections in pp collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 251-272   | 4.2 | 20  |
| 681 | Suppression of Excited $\chi$ States Relative to the Ground State in Pb-Pb Collisions at $\sqrt{s}_{\text{NN}}=5.02\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 142301   | 7.4 | 12  |
| 680 | Search for Neutrinoless Double-Beta Decay with the Upgraded EXO-200 Detector. <i>Physical Review Letters</i> , <b>2018</b> , 120, 072701   | 7.4 | 124 |
| 679 | Search for Higgsino pair production in pp collisions at $\sqrt{s}=13\text{ TeV}$ in final states with large missing transverse momentum and two Higgs bosons decaying via $H\rightarrow b\bar{b}$ . <i>Physical Review D</i> , <b>2018</b> , 97,                   | 4.9 | 8   |
| 678 | Search for resonant and nonresonant Higgs boson pair production in the ( $\overline{b}b\ell\nu\ell\nu$ ) final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                           | 5.4 | 19  |
| 677 | Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 777, 39-63    | 4.2 | 14  |
| 676 | Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 |     |
| 675 | Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 45  |
| 674 | Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at ( $\sqrt{s}_{\text{NN}}=5.02$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 8   |
| 673 | Measurement of normalized differential ( $\overline{t}t$ ) cross sections in the dilepton channel from pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 12  |
| 672 | Search for ZZ resonances in the $2\ell\ell$ final state in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 3   |
| 671 | Search for nucleon decays with EXO-200. <i>Physical Review D</i> , <b>2018</b> , 97,   | 4.9 | 11  |
| 670 | Measurement of the $\bar{B}$ polarization and angular parameters in $\bar{B}\rightarrow J/\psi$ decays from pp collisions at $\sqrt{s}=7$ and 8 TeV. <i>Physical Review D</i> , <b>2018</b> , 97,  | 4.9 | 6   |
| 669 | Construction and response of a highly granular scintillator-based electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 887, 150-168 | 1.2 | 4   |
| 668 | Measurement of differential cross sections for the production of top quark pairs and of additional jets in lepton+jets events from pp collisions at $\sqrt{s}=13\text{ TeV}$ . <i>Physical Review D</i> , <b>2018</b> , 97,  | 4.9 | 20  |

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| 667 | Search for pair production of vector-like quarks in the $bWb^*W$ channel from proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 779, 82-106                         | 4.2 | 29 |
| 666 | Search for new long-lived particles at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 432-454   | 4.2 | 20 |
| 665 | Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 22 |
| 664 | Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 140   | 4.2 | 20 |
| 663 | Elliptic Flow of Charm and Strange Hadrons in High-Multiplicity p+Pb Collisions at $\sqrt{s_{NN}}=8.16\text{TeV}$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 082301   | 7.4 | 35 |
| 662 | Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 457  | 4.2 | 9  |
| 661 | Search for top squarks and dark matter particles in opposite-charge dilepton final states at $s=13\text{TeV}$ . <i>Physical Review D</i> , <b>2018</b> , 97,   | 4.9 | 26 |
| 660 | Observation of $t\bar{t}\overline{\eta}$ Production. <i>Physical Review Letters</i> , <b>2018</b> , 120, 231801  | 7.4 | 96 |
| 659 | Search for Heavy Neutral Leptons in Events with Three Charged Leptons in Proton-Proton Collisions at $\sqrt{s}=13\text{TeV}$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221801  | 7.4 | 62 |
| 658 | Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 574-600       | 4.2 | 24 |
| 657 | Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 244-269 | 4.2 | 22 |
| 656 | Search for the X(5568) State Decaying into $B_{(s)}^0\eta^{(\prime)}$ in Proton-Proton Collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 202005   | 7.4 | 36 |
| 655 | Search for ( $\overline{\text{t}}\text{t}\overline{\text{H}}$ ) production in the all-jet final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 13 |
| 654 | Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at ( $\sqrt{s}=8$ ) and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 7  |
| 653 | Measurement of the groomed jet mass in PbPb and pp collisions at ( $\sqrt{s_{\text{NN}}}=5.02$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 5  |
| 652 | Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $s=13\text{TeV}$ . <i>Physical Review D</i> , <b>2018</b> , 98,   | 4.9 | 8  |
| 651 | Hadronic energy resolution of a combined high granularity scintillator calorimeter system. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P12022-P12022   | 1   | 3  |
| 650 | Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                                   | 5.4 | 14 |

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| 649 | Search for sterile neutrinos at the DANSS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 787, 56-63  | 4.2 | 87 |
| 648 | Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                           | 5.4 | 6  |
| 647 | Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                         | 5.4 | 16 |
| 646 | Angular analysis of the decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,   | 4.9 | 8  |
| 645 | Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                        | 5.4 | 37 |
| 644 | Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,                                      | 4.9 | 14 |
| 643 | Search for Leptoquarks Coupled to Third-Generation Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 241802  | 7.4 | 20 |
| 642 | Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2018</b> , 98,                                       | 4.9 | 12 |
| 641 | Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1                     | 5.4 | 9  |
| 640 | Search for supersymmetry in events with a $\mu$ lepton pair and missing transverse momentum in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1 | 5.4 | 14 |
| 639 | Evidence for the Associated Production of a Single Top Quark and a Photon in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 221802                          | 7.4 | 6  |
| 638 | Studies of $B$ and mesons including the observation of the decay in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 939   | 4.2 | 12 |
| 637 | Observation of the $Z \rightarrow \mu^+ \mu^-$ Decay in pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 141801  | 7.4 | 1  |
| 636 | Measurements of the Reactor Antineutrino with Solid State Scintillation Detector. <i>International Journal of Modern Physics Conference Series</i> , <b>2018</b> , 46, 1860044                                  | 0.7 |    |
| 635 | Search for new physics in dijet angular distributions using proton-proton collisions at and constraints on dark matter and other models. <i>European Physical Journal C</i> , <b>2018</b> , 78, 789             | 4.2 | 19 |
| 634 | Deep neural networks for energy and position reconstruction in EXO-200. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P08023-P08023   | 1   | 19 |
| 633 | Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1               | 5.4 | 10 |
| 632 | Search for Pair-Produced Resonances Each Decaying into at Least Four Quarks in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 141802                        | 7.4 | 1  |

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| 631 | Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 7   |
| 630 | Search for a heavy resonance decaying into a Z boson and a vector boson in the ( $\overline{\nu}\overline{\mathit{q}}\overline{\mathit{q}}$ ) final state. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 6   |
| 629 | Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P05011-P05011  | 1   | 152 |
| 628 | Search for beyond the standard model Higgs bosons decaying into a ( $\overline{\mathit{b}}\overline{\mathit{b}}$ ) pair in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 11  |
| 627 | Observation of the $\chi_{\mathit{b}1}(3P)$ and $\chi_{\mathit{b}2}(3P)$ and Measurement of their Masses. <i>Physical Review Letters</i> , <b>2018</b> , 121, 092002  | 7.4 | 16  |
| 626 | Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two $\overline{\nu}$ leptons in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 785, 462-488 | 4.2 | 28  |
| 625 | Observation of Higgs Boson Decay to Bottom Quarks. <i>Physical Review Letters</i> , <b>2018</b> , 121, 121801   | 7.4 | 79  |
| 624 | Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 16  |
| 623 | Search for single production of vector-like quarks decaying to a b quark and a Higgs boson. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 12  |
| 622 | Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 20  |
| 621 | Search for a singly produced third-generation scalar leptoquark decaying to a $\overline{\nu}$ lepton and a bottom quark in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1  | 5.4 | 9   |
| 620 | Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1   | 5.4 | 10  |
| 619 | Search for Narrow Resonances in the b-Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2018</b> , 120, 201801  | 7.4 | 13  |
| 618 | Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 101-127  | 4.2 | 35  |
| 617 | Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 263-291                          | 4.2 | 12  |
| 616 | Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pPb and PbPb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , <b>2018</b> , 97,  | 2.7 | 40  |
| 615 | Search for excited quarks of light and heavy flavor in $\overline{\nu}$ jet final states in proton-proton collisions at $s=13\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 390-411   | 4.2 | 5   |
| 614 | Search for supersymmetry in proton-proton collisions at 13 TeV using identified top quarks. <i>Physical Review D</i> , <b>2018</b> , 97,  | 4.9 | 16  |

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| 613 | Evidence for the Higgs boson decay to a bottom quark-antiquark pair. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 780, 501-532  | 4.2 | 47 |
| 612 | DANSS Neutrino Spectrometer: Detector Calibration, Response Stability, and Light Yield. <i>Physics of Particles and Nuclei Letters</i> , <b>2018</b> , 15, 272-283   | 0.5 | 10 |
| 611 | Measurement of angular parameters from the decay $B^0 \rightarrow K^* \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 781, 517-541  | 4.2 | 44 |
| 610 | Nuclear modification factor of $D^0$ mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 782, 474-496  | 4.2 | 61 |
| 609 | Search for R-parity violating supersymmetry in pp collisions at $\sqrt{s}=13\text{TeV}$ using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 783, 114-139                     | 4.2 | 8  |
| 608 | Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at $\sqrt{s}=8\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 021802   | 7.4 | 23 |
| 607 | Observation of the decay $B^+ \rightarrow \psi(2S) K^+$ in pp collisions at $\sqrt{s}=8\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 66-86  | 4.2 | 2  |
| 606 | Measurement of the WZ production cross section in pp collisions at $\sqrt{s}=13\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 766, 268-290   | 4.2 | 22 |
| 605 | Inclusive search for supersymmetry using razor variables in pp collisions at $\sqrt{s}=13\text{ TeV}$ . <i>Physical Review D</i> , <b>2017</b> , 95,   | 4.9 | 9  |
| 604 | Search for electroweak production of charginos in final states with two leptons in pp collisions at ( $\sqrt{s}=8\text{ ) TeV}$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1  | 5.4 | 7  |
| 603 | Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8[Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 236   | 4.2 | 21 |
| 602 | Suppression of $\psi(1S)$ , $\psi(2S)$ , and $\psi(3S)$ quarkonium states in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 770, 357-379  | 4.2 | 57 |
| 601 | Search for single production of a heavy vector-like T quark decaying to a Higgs boson and a top quark with a lepton and jets in the final state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 80-105   | 4.2 | 11 |
| 600 | Measurement of the cross section for electroweak production of $Z\mu\mu$ in association with two jets and constraints on anomalous quartic gauge couplings in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 770, 380-402 | 4.2 | 22 |
| 599 | Search for dijet resonances in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ and constraints on dark matter and other models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 520-542   | 4.2 | 74 |
| 598 | Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos, and b quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 768, 137-162   | 4.2 | 13 |
| 597 | Search for Supersymmetry in pp Collisions at $\sqrt{s}=13\text{ TeV}$ in the Single-Lepton Final State Using the Sum of Masses of Large-Radius Jets. <i>Physical Review Letters</i> , <b>2017</b> , 119, 151802  | 7.4 | 7  |
| 596 | Measurement of the $B^{\{--\}}$ Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 152301  | 7.4 | 37 |



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| 595 | Measurement of the drift velocity and transverse diffusion of electrons in liquid xenon with the EXO-200 detector. <i>Physical Review C</i> , <b>2017</b> , 95,   | 2.7 | 21 |
| 594 | Pseudorapidity dependence of long-range two-particle correlations in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , <b>2017</b> , 96,   | 2.7 | 5  |
| 593 | Measurement of inclusive jet cross sections in pp and PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , <b>2017</b> , 96,   | 2.7 | 39 |
| 592 | Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 459              | 4.2 | 16 |
| 591 | Search for supersymmetry in the all-hadronic final state using top quark tagging in pp collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2017</b> , 96,  | 4.9 | 7  |
| 590 | Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons Using pp Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 141802  | 7.4 | 28 |
| 589 | Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 751   | 4.2 | 15 |
| 588 | Study of Jet Quenching with Z+jet Correlations in Pb-Pb and pp Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 082301   | 7.4 | 22 |
| 587 | Detector of the reactor AntiNeutrino based on Solid-state plastic Scintillator (DANSS). Status and first results.. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 798, 012152   | 0.3 | 3  |
| 586 | Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 111802  | 7.4 | 21 |
| 585 | Trace radioactive impurities in final construction materials for EXO-200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 871, 169-179                   | 1.2 | 18 |
| 584 | Search for supersymmetry in events with photons and missing transverse energy in pp collisions at 13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 769, 391-412                                  | 4.2 | 3  |
| 583 | Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 306-329                 | 4.2 | 14 |
| 582 | Coherent J/ψ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the CMS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 489-511                      | 4.2 | 58 |
| 581 | Search for single production of vector-like quarks decaying into a b quark and a W boson in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 634-656 | 4.2 | 11 |
| 580 | Search for associated production of dark matter with a Higgs boson decaying to ( $\overline{\text{b}}\text{b}$ ) or $\text{b}\bar{\text{t}}$ ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1                               | 5.4 | 9  |
| 579 | Observation of Top Quark Production in Proton-Nucleus Collisions. <i>Physical Review Letters</i> , <b>2017</b> , 119, 242001  | 7.4 | 11 |
| 578 | Observation of Y(1S) pair production in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 29 |



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| 577 | Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1         | 5.4 | 26  |
| 576 | Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1                  | 5.4 | 8   |
| 575 | Measurement of the semileptonic ( $\overline{t}t$ ) + $\overline{b}b$ production cross section in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1                                    | 5.4 | 7   |
| 574 | Search for leptophobic Z' bosons decaying into four-lepton final states in proton-proton collisions at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 773, 563-584    | 4.2 | 6   |
| 573 | Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1  | 5.4 | 19  |
| 572 | Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1                 | 5.4 | 9   |
| 571 | Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1  | 5.4 | 15  |
| 570 | Measurement of the differential inclusive B+ hadron cross sections in pp collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 435-456                   | 4.2 | 15  |
| 569 | Measurement of the Lepton Polarization and $R(D^{(*)})$ in the Decay $B[\overline{c}] \rightarrow D^{(*)} \ell^+ \ell^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 211801   | 7.4 | 229 |
| 568 | Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 354  | 4.2 | 8   |
| 567 | Searches for invisible decays of the Higgs boson in pp collisions at ( $\sqrt{s}$ ) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 74  |
| 566 | Neutrino Physics at Kalinin Nuclear Power Plant: 2002–2017. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 934, 012006  | 0.3 | 1   |
| 565 | Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 845   | 4.2 | 22  |
| 564 | Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. <i>Physical Review Letters</i> , <b>2017</b> , 119, 221802   | 7.4 | 23  |
| 563 | Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1 | 5.4 | 20  |
| 562 | Search for Higgs boson pair production in the $b\overline{b}$ final state in proton-proton collisions at ( $s$ )=8 TeV. <i>Physical Review D</i> , <b>2017</b> , 96,  | 4.9 | 14  |
| 561 | Searches for double beta decay of Xe134 with EXO-200. <i>Physical Review D</i> , <b>2017</b> , 96,  | 4.9 | 4   |
| 560 | Measurement of charged pion, kaon, and proton production in proton-proton collisions at $s=13$ TeV. <i>Physical Review D</i> , <b>2017</b> , 96,  | 4.9 | 33  |

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| 559 | Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 682-705 | 4.2 | 29 |
| 558 | Search for a heavy resonance decaying to a top quark and a vector-like top quark at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1  | 5.4 | 4  |
| 557 | Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 578  | 4.2 | 21 |
| 556 | Search for top quark partners with charge $5/3$ in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 3  |
| 555 | Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 21 |
| 554 | Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 46 |
| 553 | Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 636  | 4.2 | 20 |
| 552 | Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1   | 5.4 | 10 |
| 551 | Radioactive source calibration test of the CMS Hadron Endcap Calorimeter test wedge with Phase I upgrade electronics. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P12034-P12034   | 1   |    |
| 550 | Search for Narrow Resonances in Dijet Final States at $\sqrt{s}=8$ TeV with the Novel CMS Technique of Data Scouting. <i>Physical Review Letters</i> , <b>2016</b> , 117, 031802  | 7.4 | 57 |
| 549 | Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 439  | 4.2 | 34 |
| 548 | Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s}=8$ and 13 TeV. <i>Physical Review Letters</i> , <b>2016</b> , 117, 051802   | 7.4 | 61 |
| 547 | Measurement of the CKM angle $\beta$ in $B^0 \rightarrow D^{(*)} 0 h^0$ , $D^{*0} \rightarrow K S^0 \pi^0$ decays with time-dependent binned Dalitz plot analysis. <i>Physical Review D</i> , <b>2016</b> , 94,   | 4.9 | 8  |
| 546 | Search for $2\nu$ decay of $Xe^{136}$ to the $0^1_+$ excited state of $Ba^{136}$ with the EXO-200 liquid xenon detector. <i>Physical Review C</i> , <b>2016</b> , 93,   | 2.7 | 10 |
| 545 | Measurements of the $\rho(10860)$ and $\rho(11020)$ resonances via $[e^+e^- \rightarrow (nS)\pi\pi]$ <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 23 |
| 544 | Study of $\pi^0$ pair production in single-tag two-photon collisions. <i>Physical Review D</i> , <b>2016</b> , 93,  | 4.9 | 32 |
| 543 | Measurement of the decay $B \rightarrow D\pi$ in fully reconstructed events and determination of the Cabibbo-Kobayashi-Maskawa matrix element $ V_{cb} $ . <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 47 |
| 542 | Search for $B^0 \rightarrow \pi^0 \pi^0$ with hadronic tagging at Belle. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 14 |

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| 541 | Study of $B_0 \rightarrow \mu\mu$ decays and implications for the CKM angle $\gamma_2$ . <i>Physical Review D</i> , <b>2016</b> , 93,  | 4.9 | 10 |
| 540 | Measurements of $tt$ spin correlations and top quark polarization using dilepton final states in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 21 |
| 539 | Inclusive and exclusive measurements of B decays to $\mu 1$ and $\mu 2$ at Belle. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 12 |
| 538 | First search for Lorentz and CPT violation in double beta decay with EXO-200. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 29 |
| 537 | Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 10 |
| 536 | Search for supersymmetry in pp collisions at $\sqrt{s}=8$ TeV in final states with boosted W bosons and b jets using razor variables. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 10 |
| 535 | Search for XYZ states in $\gamma(1S)$ inclusive decays. <i>Physical Review D</i> , <b>2016</b> , 93,   | 4.9 | 4  |
| 534 | First observation of $\Xi_{cc}$ and search for exotic baryons in pK systems. <i>Physical Review D</i> , <b>2016</b> , 93,  | 4.9 | 3  |
| 533 | Observation of $Z_{\{b\}}(10610)$ and $Z_{\{b\}}(10650)$ Decaying to B Mesons. <i>Physical Review Letters</i> , <b>2016</b> , 116, 212001  | 7.4 | 55 |
| 532 | First Observation of the Doubly Cabibbo-Suppressed Decay of a Charmed Baryon: $\Xi_{cc}^+ \rightarrow pK^+\pi^-$ . <i>Physical Review Letters</i> , <b>2016</b> , 117, 011801  | 7.4 | 17 |
| 531 | Measurement of the lepton forward-backward asymmetry in $B \rightarrow Xs\mu\mu$ decays with a sum of exclusive modes. <i>Physical Review D</i> , <b>2016</b> , 93,  | 4.9 | 8  |
| 530 | Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 479-500 | 4.2 | 6  |
| 529 | Measurements of $tt$ charge asymmetry using dilepton final states in pp collisions at $\sqrt{s}=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 760, 365-386                                   | 4.2 | 9  |
| 528 | Measurement of dijet azimuthal decorrelation in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 536   | 4.2 | 6  |
| 527 | Search for dark matter particles in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV using the razor variables. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1  | 5.4 | 2  |
| 526 | Search for s channel single top quark production in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1   | 5.4 | 8  |
| 525 | Studies of charmed strange baryons in the $D$ final state at Belle. <i>Physical Review D</i> , <b>2016</b> , 94,   | 4.9 | 28 |
| 524 | Measurement of inclusive jet production and nuclear modifications in pPb collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 372   | 4.2 | 24 |

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| 523 | First results of the CALICE SDHCAL technological prototype. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P04001-P04005   |     |    |
| 522 | DHCAL with minimal absorber: measurements with positrons. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05008-P05008   |     |    |
| 521 | Hadron shower decomposition in the highly granular CALICE analogue hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P06013-P06013  | 1   | 2  |
| 520 | Resistive Plate Chamber digitization in a hadronic shower environment. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P06014-P06014  | 1   | 2  |
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| 518 | Search for a massive invisible particle $X_0$ in $B^+ \rightarrow e^+ X_0$ and $B^+ \rightarrow \mu^+ X_0$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,   | 4-9 | 3  |
| 517 | Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1  | 5-4 | 9  |
| 516 | Evidence for exclusive $\mu^+ W^+ W^- \mu^-$ production and constraints on anomalous quartic gauge couplings in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1  | 5-4 | 27 |
| 515 | Search for supersymmetry in pp collisions at ( $\sqrt{s}=13$ ) TeV in the single-lepton final state using the sum of masses of large-radius jets. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1   | 5-4 | 7  |
| 514 | Phenomenological MSSM interpretation of CMS searches in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1  | 5-4 | 11 |
| 513 | Measurement of the differential cross section and charge asymmetry for inclusive $[Formula: see text]$ production at $[Formula: see text]$ TeV. <i>European Physical Journal C</i> , <b>2016</b> , 76, 469  | 4-2 | 37 |
| 512 | Study of Z boson production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 759, 36-57   | 4-2 | 35 |
| 511 | Measurement of $D^0 D^* \pi^0$ mixing and search for CP violation in $D^0 \rightarrow K^+ K^- \pi^0$ decays with the full Belle data set. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 753, 412-418                      | 4-2 | 14 |
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| 509 | Light yield measurements of finger-structured and unstructured scintillators after gamma and neutron irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 818, 26-31 | 1-2 | 3  |
| 508 | Optimization of the light yield properties from scintillator tiles read out directly by silicon photomultipliers. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 675, 042044  | 0-3 |    |
| 507 | Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at ( $\sqrt{s_{\mathrm{N}}; \mathrm{N}}=2.76$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1   | 5-4 | 13 |
| 506 | Cosmogenic backgrounds to $\pi^0$ in EXO-200. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 029-029   | 6-4 | 16 |

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| 505 | DANSS: Detector of the reactor AntiNeutrino based on Solid Scintillator. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P11011-P11011   | 1   | 61  |
| 504 | Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 451  | 4.2 | 36  |
| 503 | Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks. <i>European Physical Journal C</i> , <b>2016</b> , 76, 371  | 4.2 | 25  |
| 502 | Measurement of the branching ratio of $B^0 \rightarrow D^{*+} \pi^-$ relative to $B^0 \rightarrow D^{*+} \pi^0$ decays with a semileptonic tagging method. <i>Physical Review D</i> , <b>2016</b> , 94,                              | 4.9 | 144 |
| 501 | Search for long-lived charged particles in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , <b>2016</b> , 94,   | 4.9 | 55  |
| 500 | Study of excited $\bar{b}$ states decaying into $B^0$ and $B^+$ baryons. <i>Physical Review D</i> , <b>2016</b> , 94,  | 4.9 | 36  |
| 499 | Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1                         | 5.4 | 14  |
| 498 | Search for lepton flavour violating decays of heavy resonances and quantum black holes to an [Formula: see text] pair in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 317 | 4.2 | 9   |
| 497 | Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV. <i>Physical Review D</i> , <b>2016</b> , 94,  | 4.9 | 44  |
| 496 | Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1   | 5.4 | 4   |
| 495 | Searches for R-parity-violating supersymmetry in pp collisions at $\sqrt{s}=8$ TeV in final states with 0 leptons. <i>Physical Review D</i> , <b>2016</b> , 94,  | 4.9 | 7   |
| 494 | Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, T10004-T10004   | 1   | 10  |
| 493 | Measurement of the integrated and differential $t\bar{t}$ production cross sections for high-pT top quarks in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , <b>2016</b> , 94,  | 4.9 | 21  |
| 492 | An optimal energy estimator to reduce correlated noise for the EXO-200 light readout. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P07015-P07015  | 1   | 8   |
| 491 | Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1                       | 5.4 | 6   |
| 490 | $\rho(nS)$ polarizations versus particle multiplicity in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 761, 31-52                       | 4.2 | 5   |
| 489 | Energy Scan of the $e^+e^- \rightarrow h_{(nP)} \pi^+ \pi^-$ ( $n=1, 2$ ) Cross Sections and Evidence for $\rho(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , <b>2016</b> , 117, 142001       | 7.4 | 34  |
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| 486 | Optimization of the uniformity of light yield from scintillator tiles read out directly by silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 787, 166-168 | 1.2 | 6   |
| 485 | Measurement of $B^0 \rightarrow D_s^* K^0$ and $B^+ \rightarrow D_s^* K^+$ branching fractions. <i>Physical Review D</i> , <b>2015</b> , 91,   | 4.9 | 5   |
| 484 | Measurement of the $B^+ \rightarrow X S^+$ branching fraction with a sum of exclusive decays. <i>Physical Review D</i> , <b>2015</b> , 91,   | 4.9 | 30  |
| 483 | A scintillator based endcap KL and muon detector for the Belle II experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 789, 134-142  | 1.2 | 11  |
| 482 | Investigation of radioactivity-induced backgrounds in EXO-200. <i>Physical Review C</i> , <b>2015</b> , 92,  | 2.7 | 28  |
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| 480 | Measurements of $B \rightarrow D^* D_s^{*+}(2317)$ decay rates and a search for isospin partners of the $D_s^{*+}(2317)$ . <i>Physical Review D</i> , <b>2015</b> , 91,  | 4.9 | 9   |
| 479 | Measurement of $e^+e^- \rightarrow \mu^+\mu^- (2S)$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2015</b> , 91,   | 4.9 | 76  |
| 478 | Search for $B^+ \rightarrow \mu^+ \mu^0$ decays with hadronic tagging using the full Belle data sample. <i>Physical Review D</i> , <b>2015</b> , 91,   | 4.9 | 12  |
| 477 | Measurement of $e^+e^- \rightarrow \mu^+\mu^- J$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2015</b> , 92,  | 4.9 | 3   |
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| 475 | Measurement of the branching fraction of $B^+ \rightarrow \mu^+ \mu^0$ decays with the semileptonic tagging method. <i>Physical Review D</i> , <b>2015</b> , 92,   | 4.9 | 35  |
| 474 | Measurement of the branching ratio of $B^+ \rightarrow D^{(*)} \mu^+$ relative to $B^+ \rightarrow D^{(*)} \mu^0$ decays with hadronic tagging at Belle. <i>Physical Review D</i> , <b>2015</b> , 92,  | 4.9 | 336 |
| 473 | First Observation of the Hadronic Transition $\chi(4S) \rightarrow B(b)(1P)$ and New Measurement of the $h(b)(1P)$ and $\Gamma(b)(1S)$ Parameters. <i>Physical Review Letters</i> , <b>2015</b> , 115, 142001  | 7.4 | 18  |
| 472 | Observation of $B^0 \rightarrow p \bar{p} D^{*+}$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 221803   | 7.4 | 6   |
| 471 | Pion and proton showers in the CALICE scintillator-steel analogue hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P04014-P04014  | 1   | 6   |
| 470 | Shower development of particles with momenta from 15 GeV to 150 GeV in the CALICE scintillator-tungsten hadronic calorimeter. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P12006-P12006  | 1   | 4   |



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| 469 | Testing hadronic interaction models using a highly granular silicon-tungsten calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 794, 240-254        | 1.2  | 8   |
| 468 | Measurement of $D^0\bar{D}^0$ mixing and search for indirect CP violation using $D^0 \rightarrow KS^0\pi^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,   | 4.9  | 23  |
| 467 | Show development of particles with momenta from 1 to 10 GeV in the CALICE Scintillator-Tungsten HCAL. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P01004-P01004   | 1    | 8   |
| 466 | Performance of the first prototype of the CALICE scintillator strip electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 763, 278-289 | 1.2  | 12  |
| 465 | DANSSino: a pilot version of the DANSS neutrino detector. <i>Physics of Particles and Nuclei Letters</i> , <b>2014</b> , 11, 473-482   | 0.5  | 16  |
| 464 | Measurements of the masses and widths of the $\bar{\Delta}(2455)0^{++}$ and $\bar{\Delta}(2520)0^{++}$ baryons. <i>Physical Review D</i> , <b>2014</b> , 89,   | 4.9  | 20  |
| 463 | Evidence for semileptonic $B \rightarrow \rho\pi\pi$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,  | 4.9  | 8   |
| 462 | Search for Majorana neutrinos with the first two years of EXO-200 data. <i>Nature</i> , <b>2014</b> , 510, 229-34  | 50.4 | 310 |
| 461 | The time structure of hadronic showers in highly granular calorimeters with tungsten and steel absorbers. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P07022-P07022   | 1    | 10  |
| 460 | Evidence of $\psi(1S) \rightarrow J/\psi\pi^0$ and search for double-charmonium production in $\psi(1S)$ and $\psi(2S)$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,   | 4.9  | 6   |
| 459 | Observation of a new charged charmoniumlike state in $B^0 \rightarrow J/\psi K^0$ decays. <i>Physical Review D</i> , <b>2014</b> , 90,   | 4.9  | 106 |
| 458 | The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1   | 4.2  | 233 |
| 457 | Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the $J/\psi$ final state. <i>Progress of Theoretical and Experimental Physics</i> , <b>2014</b> , 2014, 43C01-0  | 5.4  | 3   |
| 456 | Measurement of branching fractions and CP violation parameters in $B \rightarrow \bar{K}^0$ decays with first evidence of CP violation in $B^0 \rightarrow \bar{K}^0 S^0$ . <i>Physical Review D</i> , <b>2014</b> , 90,   | 4.9  | 13  |
| 455 | Search for Majoron-emitting modes of double-beta decay of $Xe^{136}$ with EXO-200. <i>Physical Review D</i> , <b>2014</b> , 90,  | 4.9  | 35  |
| 454 | Publisher's Note: Observation of $D^0\bar{D}^0$ Mixing in $e^+e^-$ Collisions [Phys. Rev. Lett. 112, 111801 (2014)]. <i>Physical Review Letters</i> , <b>2014</b> , 112,   | 7.4  | 4   |
| 453 | Updated cross section measurement of $e^+e^- \rightarrow K^+K^0/\bar{K}^0$ and $KS^0\bar{KS}^0$ via initial state radiation at Belle. <i>Physical Review D</i> , <b>2014</b> , 89,   | 4.9  | 27  |
| 452 | Observation of the decay $B^0 \rightarrow \bar{K}^*(892)0$ . <i>Physical Review D</i> , <b>2014</b> , 90,  | 4.9  | 4   |

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| 451 | Improved measurement of the $2\pi$ half-life of $^{136}\text{Xe}$ with the EXO-200 detector. <i>Physical Review C</i> , <b>2014</b> , 89,   | 2.7 | 107 |
| 450 | Observation of $e^+e^- \rightarrow \mu\mu(BJ)$ and Search for $X(b) \rightarrow \mu(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , <b>2014</b> , 113, 142001                                 | 7.4 | 27  |
| 449 | Search for CP Violation in $D_0 \rightarrow \mu\mu$ Decays. <i>Physical Review Letters</i> , <b>2014</b> , 112,   | 7.4 | 13  |
| 448 | Search for doubly charmed baryons and study of charmed strange baryons at Belle. <i>Physical Review D</i> , <b>2014</b> , 89,   | 4.9 | 52  |
| 447 | Observation of $D_0$ - $\bar{D}_0$ mixing in $e^+e^-$ collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111801  | 7.4 | 13  |
| 446 | Measurement of the branching fraction $B(\bar{B}^+ \rightarrow pK^-\mu)$ . <i>Physical Review Letters</i> , <b>2014</b> , 113, 042002   | 7.4 | 57  |
| 445 | Measurement of time-dependent CP violation in $B^0 \rightarrow \mu K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1   | 5.4 | 7   |
| 444 | Evidence of a new narrow resonance decaying to $(\tau^1)\mu$ in $B \rightarrow (\tau^1)K$ . <i>Physical Review Letters</i> , <b>2013</b> , 111, 032001  | 7.4 | 58  |
| 443 | Evidence for the decay $B_0 \rightarrow K^+K^-$ . <i>Physical Review D</i> , <b>2013</b> , 87,  | 4.9 | 8   |
| 442 | Synthesis of reduced graphene oxide and its electrocatalytic properties. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 858-862  | 0.8 | 5   |
| 441 | Prospects for observation of neutrino-nuclear neutral current coherent scattering with two-phase Xenon emission detector. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P10023-P10023                    | 1   | 29  |
| 440 | Measurements of branching fractions of leptonic and hadronic ( $D_{s^+}$ ) meson decays and extraction of the ( $D_{s^+}$ ) meson decay constant. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1 | 5.4 | 36  |
| 439 | Evidence for $B^0 \rightarrow \mu^+\mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 726, 206-210  | 4.2 | 5   |
| 438 | Study of $e^+e^- \rightarrow \mu\mu/\tau\tau$ and observation of a charged charmoniumlike state at Belle. <i>Physical Review Letters</i> , <b>2013</b> , 110, 252002  | 7.4 | 458 |
| 437 | Registration of reactor neutrinos with the highly segmented plastic scintillator detector DANSSino. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P05018-P05018  | 1   | 10  |
| 436 | Measurement of the CP violation parameters in $B_0 \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,   | 4.9 | 22  |
| 435 | Evidence for the suppressed decay $B^0 \rightarrow DK^0 \rightarrow K^+\mu^-$ . <i>Physical Review D</i> , <b>2013</b> , 88,  | 4.9 | 8   |
| 434 | Measurement of exclusive $(1S)$ and $(2S)$ decays into vector-pseudoscalar final states. <i>Physical Review D</i> , <b>2013</b> , 88,   | 4.9 | 6   |

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| 433 | Precise measurement of the branching fractions for $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)}$ and first measurement of the $D_s^{*+} D_s^{*0}$ polarization using $e^+e^-$ collisions. <i>Physical Review D</i> , <b>2013</b> , 87,  | 4.9 | 20  |
| 432 | Study of exclusive $B \rightarrow Xu$ decays and extraction of $ V_{ub} $ using full reconstruction tagging at the Belle experiment. <i>Physical Review D</i> , <b>2013</b> , 88,   | 4.9 | 80  |
| 431 | Angular analysis of $B^0 \rightarrow K^*$ decays and search for CP violation at Belle. <i>Physical Review D</i> , <b>2013</b> , 88,   | 4.9 | 11  |
| 430 | Search for $B \rightarrow h^{(*)}$ with the full Belle (4S) data sample. <i>Physical Review D</i> , <b>2013</b> , 87,   | 4.9 | 61  |
| 429 | First observation of Cabibbo-suppressed $B^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 88,  | 4.9 | 2   |
| 428 | Experimental constraints on the spin and parity of the $Z(4430)^+$ . <i>Physical Review D</i> , <b>2013</b> , 88,   | 4.9 | 106 |
| 427 | First observation of the $Z_b^0(10610)$ in a Dalitz analysis of $(110860) \rightarrow (h_s) 00$ . <i>Physical Review D</i> , <b>2013</b> , 88,  | 4.9 | 45  |
| 426 | Validation of GEANT4 Monte Carlo models with a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P07005-P07005  | 1   | 9   |
| 425 | Two-phase xenon emission detector with electron multiplier and optical readout by multipixel avalanche Geiger photodiodes. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P05017-P05017   | 1   | 5   |
| 424 | Track segments in hadronic showers in a highly granular scintillator-steel hadron calorimeter. <i>Journal of Instrumentation</i> , <b>2013</b> , 8, P09001-P09001   | 1   | 7   |
| 423 | On the formation of dynamic structures in the form of rotating rings and vortices in a thin layer of a magnetodielectric colloid subjected to a constant electric field. <i>Technical Physics</i> , <b>2012</b> , 57, 445-450   | 0.5 | 0   |
| 422 | Construction and performance of a silicon photomultiplier/extruded scintillator tail-catcher and muon-tracker. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P04015-P04015   | 1   | 12  |
| 421 | Observation of two charged bottomoniumlike resonances in $(B_S)$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 108, 122001   | 7.4 | 404 |
| 420 | Electrocatalytic properties of multiwalled carbon nanotubes-based nanocomposites for oxygen electrodes. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1536-1540   | 0.8 | 4   |
| 419 | Search for neutrinoless double-beta decay in $^{136}\text{Xe}$ with EXO-200. <i>Physical Review Letters</i> , <b>2012</b> , 109, 032505   | 7.4 | 321 |
| 418 | Development of VUV wavelength shifter for the use with a visible light photodetector in noble gas filled detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 695, 403-406 | 1.2 | 18  |
| 417 | First study of $B(1S)$ , $(1760)$ and $X(1835)$ production via $B^0$ final states in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,  | 4.9 | 11  |
| 416 | Evidence for direct CP violation in $B^+ \rightarrow B^0$ and observation of $B^0 \rightarrow K^0$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 031801   | 7.4 | 7   |

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| 415 | Evidence for $B \rightarrow Ds + K^0$ and search for $B \rightarrow Ds^* + K^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,   | 4.9 | 3   |
| 414 | First observation of the P-wave spin-singlet bottomonium states $h_b(1P)$ and $h_b(2P)$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 032001   | 7.4 | 107 |
| 413 | Precise measurement of the CP violation parameter $\sin 2\beta$ in $B^0 \rightarrow (cc)K^0$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 108, 171802  | 7.4 | 62  |
| 412 | Evidence for the $\Upsilon(b)(2S)$ and observation of $h(b)(1P) \rightarrow \Upsilon(b)(1S)$ and $h(b)(2P) \rightarrow \Upsilon(b)(1S)$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 232002                         | 7.4 | 50  |
| 411 | Search for time-dependent CPT violation in hadronic and semileptonic B decays. <i>Physical Review D</i> , <b>2012</b> , 85,  | 4.9 | 18  |
| 410 | Hadronic energy resolution of a highly granular scintillator-steel hadron calorimeter using software compensation techniques. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P09017-P09017                             | 1   | 17  |
| 409 | Tests of a Particle Flow Algorithm with CALICE test beam data. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P07005-P07005  | 1   | 105 |
| 408 | Electromagnetic response of a highly granular hadronic calorimeter. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P04003-P04003   | 1   | 13  |
| 407 | Study of $B^+ \rightarrow K^+ (K^* K^0)$ decay and determination of $\beta$ and $\beta(2S)$ parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 706, 139-149 | 4.2 | 17  |
| 406 | Search for CP violation in $B^+ \rightarrow K(S)0^0 \pi^+$ decays at Belle. <i>Physical Review Letters</i> , <b>2011</b> , 107, 131801   | 7.4 | 25  |
| 405 | Study of the decays $B \rightarrow Ds_1(2536) + D^0(*)$ . <i>Physical Review D</i> , <b>2011</b> , 83,   | 4.9 | 7   |
| 404 | Observation of $B \rightarrow p \pi^0$ at Belle. <i>Physical Review D</i> , <b>2011</b> , 84,  | 4.9 | 9   |
| 403 | Measurement of the decay $B^0 \rightarrow \pi^0 \pi^0$ and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2011</b> , 83,  | 4.9 | 57  |
| 402 | Measurement of $e^+e^- \rightarrow Ds^*(*) + Ds^*(*)$ cross sections near threshold using initial-state radiation. <i>Physical Review D</i> , <b>2011</b> , 83,  | 4.9 | 24  |
| 401 | Search for lepton-flavor-violating $\Upsilon$ decays into a lepton and a vector meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 699, 251-257                  | 4.2 | 26  |
| 400 | Search for charmonium and charmoniumlike states in $\Upsilon(2S)$ radiative decays. <i>Physical Review D</i> , <b>2011</b> , 84,   | 4.9 | 11  |
| 399 | Observation of $D^+ \rightarrow K^+(*) \pi^0$ and search for CP violation in $D^+ \rightarrow \Upsilon^+(*) \pi^0$ decays. <i>Physical Review Letters</i> , <b>2011</b> , 107, 221801  | 7.4 | 9   |
| 398 | First measurement of inclusive $B \rightarrow X_s \pi^0$ decays. <i>Physical Review Letters</i> , <b>2010</b> , 105, 191803  | 7.4 | 3   |

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| 397 | Observation of $B(s)(0) \rightarrow D(s)^*(-) \bar{\mu}$ and $B(s)(0) \rightarrow D(s)^*(-) \bar{\mu}$ and measurement of the $B(s)(0) \rightarrow D(s)^*(-) \bar{\mu}$ longitudinal polarization fraction. <i>Physical Review Letters</i> , <b>2010</b> , 104, 231801 | 7.4 | 15 |
| 396 | Search for a low mass particle decaying into $\bar{\mu}$ in $B0 \rightarrow K^*0 X$ and $B0 \rightarrow \bar{D} X$ at Belle. <i>Physical Review Letters</i> , <b>2010</b> , 105, 091801  | 7.4 | 24 |
| 395 | Measurements of branching fractions for $B0 \rightarrow Ds^+ \bar{\mu}$ and $B^+ \rightarrow Ds^+ K^0$ <i>Physical Review D</i> , <b>2010</b> , 82,  | 4.9 | 8  |
| 394 | Evidence for $B \rightarrow \bar{\mu}$ with a semileptonic tagging method. <i>Physical Review D</i> , <b>2010</b> , 82,  | 4.9 | 55 |
| 393 | Search for charmonium and charmoniumlike states in $(1S)$ radiative decays. <i>Physical Review D</i> , <b>2010</b> , 82,   | 4.9 | 12 |
| 392 | Search for leptonic decays of $D0$ mesons. <i>Physical Review D</i> , <b>2010</b> , 81,  | 4.9 | 21 |
| 391 | Measurement of $(\bar{B}S)$ decays to $B0$ and $B^+$ mesons. <i>Physical Review D</i> , <b>2010</b> , 81,  | 4.9 | 21 |
| 390 | Study of the $B \rightarrow X(3872) \rightarrow D^*0 \bar{D}^0 K$ decay. <i>Physical Review D</i> , <b>2010</b> , 81,  | 4.9 | 77 |
| 389 | Evidence for direct CP violation in the decay $B^+ \rightarrow D^*(*) K^+$ , $D \rightarrow KS0 \bar{\mu}$ and measurement of the CKM phase $\gamma$ . <i>Physical Review D</i> , <b>2010</b> , 81,  | 4.9 | 69 |
| 388 | Search for $Bs0 \rightarrow hh$ decays at the $(\bar{B}S)$ resonance. <i>Physical Review D</i> , <b>2010</b> , 82,   | 4.9 | 14 |
| 387 | Construction and commissioning of the CALICE analog hadron calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, P05004-P05004   | 1   | 34 |
| 386 | Study of the interactions of pions in the CALICE silicon-tungsten calorimeter prototype. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, P05007-P05007  | 1   | 10 |
| 385 | The CALICE hadron scintillator tile calorimeter prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 342-344   | 1.2 | 4  |
| 384 | Search for lepton flavor violating . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 692, 4-9  | 4.2 | 12 |
| 383 | Measurement of inclusive radiative B-meson decays with a photon energy threshold of 1.7 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 103, 241801  | 7.4 | 68 |
| 382 | Production of the charmonium states $\bar{\chi}1$ and $\bar{\chi}2$ in proton nucleus interactions at $\sqrt{s}=41.6$ GeV. <i>Physical Review D</i> , <b>2009</b> , 79,  | 4.9 | 19 |
| 381 | Measurement of the Decay $B_{(s)}(0) \rightarrow D_{(s)}(-)\pi(+)$ and Evidence for $B_{(s)}(0) \rightarrow D_{(s)}(-/+)\bar{K}(+/-)$ in $e^+e^-$ Annihilation at $\sqrt{s}$ approximately 10.87 GeV. <i>Physical Review Letters</i> , <b>2009</b> , 102, 021801       | 7.4 | 38 |
| 380 | Novel photo-detectors and photo-detector systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 604, 183-189 <sup>1.2</sup>                                   | 1.2 | 12 |

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|-----|---|------|-----|
| 379 | Response of the CALICE Si-W electromagnetic calorimeter physics prototype to electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 608, 372-383 | 1.2  | 35  |
| 378 | Study of $\Xi^0$ and $\Xi^{*0}$ baryons at Belle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 672, 1-5  | 4.2  | 46  |
| 377 | Angular distributions of leptons from $J/\psi$ produced in 920 GeV fixed-target proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2009</b> , 60, 517-524   | 4.2  | 26  |
| 376 | Kinematic distributions and nuclear effects of $J/\psi$ production in 920 GeV fixed-target proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2009</b> , 60, 525-542  | 4.2  | 57  |
| 375 | $V_0$ production in p+A collisions at $(\sqrt{s})=41.6$ GeV. <i>European Physical Journal C</i> , <b>2009</b> , 61, 207-221   | 4.2  | 2   |
| 374 | Observation of $B^+ \rightarrow p \pi^+ \pi^0$ at Belle. <i>Physical Review D</i> , <b>2009</b> , 80,   | 4.9  | 6   |
| 373 | Measurement of the $e^+e^- \rightarrow J/\psi c \bar{c}$ cross section at $\sqrt{s} = 0.6$ GeV. <i>Physical Review D</i> , <b>2009</b> , 79,  | 4.9  | 43  |
| 372 | Measurement of the $e^+e^- \rightarrow D^0 D^{*0} \pi^0$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2009</b> , 80,  | 4.9  | 64  |
| 371 | Observation of the $\psi(1680)$ and the $Y(2175)$ in $e^+e^- \rightarrow \psi \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,   | 4.9  | 66  |
| 370 | Evidence of time-dependent CP violation in the decay $B^0 \rightarrow D^{*+} D^{*-} \pi^0$ . <i>Physical Review D</i> , <b>2009</b> , 80,   | 4.9  | 4   |
| 369 | Dalitz analysis of $B \rightarrow K \pi \pi$ decays and the $Z(4430)^+$ . <i>Physical Review D</i> , <b>2009</b> , 80,  | 4.9  | 110 |
| 368 | Observation of $B^0 \rightarrow \bar{K}^0 K^0$ and $B^0 \rightarrow \bar{K}^{*0} K^0$ at Belle. <i>Physical Review D</i> , <b>2009</b> , 79,  | 4.9  | 13  |
| 367 | Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , <b>2008</b> , 452, 332-5   | 50.4 | 86  |
| 366 | Improved search for $D^0$ - $\bar{D}^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,   | 4.9  | 18  |
| 365 | Observation of $e^+e^- \rightarrow K^+ K^0 / \bar{K}^0$ via initial-state radiation at Belle. <i>Physical Review D</i> , <b>2008</b> , 77,  | 4.9  | 26  |
| 364 | Observation of two resonancelike structures in the $\pi^+ \pi^-$ mass distribution in exclusive $B^0 \rightarrow K \pi \pi$ decays. <i>Physical Review D</i> , <b>2008</b> , 78,  | 4.9  | 185 |
| 363 | Measurement of the near-threshold $e^+e^- \rightarrow D D^* \pi$ cross section using initial-state radiation. <i>Physical Review D</i> , <b>2008</b> , 77,  | 4.9  | 87  |
| 362 | Study of $B \rightarrow D^{*+} \pi^0$ with full reconstruction tagging. <i>Physical Review D</i> , <b>2008</b> , 77,  | 4.9  | 37  |



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| 361 | Observation of anomalous $\text{upsilon}(1S)\pi^+\pi^-$ and $\text{upsilon}(2S)\pi^+\pi^-$ production near the $\text{upsilon}(5S)$ resonance. <i>Physical Review Letters</i> , <b>2008</b> , 100, 112001  | 7.4 | 138 |
| 360 | Observation of $\text{Ds}_1(2536)^+\rightarrow\text{D}^+\bar{K}^+$ and angular decomposition of $\text{Ds}_1(2536)^+\rightarrow\text{D}^+\text{KS}_0$ . <i>Physical Review D</i> , <b>2008</b> , 77,   | 4.9 | 20  |
| 359 | Production of new charmoniumlike states in $e^+e^-\rightarrow\text{J}/\psi\text{D}^*\text{D}^*$ at $\sqrt{s}$ approximately 10.6 GeV. <i>Physical Review Letters</i> , <b>2008</b> , 100, 202001   | 7.4 | 127 |
| 358 | Observation of the $\psi(4415)\rightarrow\text{DD}^*(2460)$ decay using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 062001  | 7.4 | 66  |
| 357 | Observation of a new $\text{Ds}_J$ meson in $\text{B}^+\rightarrow\text{D}_0\text{D}_0\text{K}^+$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 092001   | 7.4 | 116 |
| 356 | Observation of a resonancelike structure in the $\pi^+\psi'$ mass distribution in exclusive $\text{B}^+\rightarrow\text{K}\pi^+\pi^+$ decays. <i>Physical Review Letters</i> , <b>2008</b> , 100, 142001   | 7.4 | 358 |
| 355 | Observation of a near-threshold enhancement in the $e^+e^-\rightarrow\Lambda_{c^+}\Lambda_{c^-}$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 172001   | 7.4 | 178 |
| 354 | Design and electronics commissioning of the physics prototype of a Si-W electromagnetic calorimeter for the International Linear Collider. <i>Journal of Instrumentation</i> , <b>2008</b> , 3, P08001-P08001  | 1   | 36  |
| 353 | Systematic study of trace radioactive impurities in candidate construction materials for EXO-200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2008</b> , 591, 490-509  | 1.2 | 95  |
| 352 | Study of the decay mechanism for $\text{B}^0\rightarrow\text{D}^+\text{D}^-\text{D}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 659, 80-86  | 4.2 | 36  |
| 351 | Measurement of the ratio $\text{B}(\text{D}_0\rightarrow\bar{K}^0)/\text{B}(\text{D}_0\rightarrow\text{K}^0\bar{K}^0)$ and the time-integrated CP asymmetry in $\text{D}_0\rightarrow\bar{K}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 102-110 | 4.2 | 8   |
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| 349 | New search for $\text{B}^0\rightarrow\text{D}^+\text{D}^-\text{D}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 16-22  | 4.2 | 119 |
| 348 | Search for $\text{B}_0\rightarrow\text{pp}\pi^0$ and $\text{B}^+\rightarrow\text{p}\pi^0$ at Belle. <i>Physical Review D</i> , <b>2007</b> , 75,   | 4.9 | 20  |
| 347 | Observation of the decay $\text{B}_0^-\rightarrow\text{Ds}^+\bar{p}\pi^0$ . <i>Physical Review D</i> , <b>2007</b> , 76,   | 4.9 | 8   |
| 346 | Measurements of time-dependent CP violation in $\text{B}_0\rightarrow\bar{K}^0\text{KS}_0$ , $\text{f}_0(980)\text{KS}_0$ , $\text{KS}_0^0$ and $\text{K}^+\text{K}\bar{\text{K}}\text{KS}_0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,   | 4.9 | 21  |
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| 344 | Measurement of branching fraction and time-dependent CP asymmetry parameters in $\text{B}_0\rightarrow\text{D}^+\text{D}^-\text{KS}_0$ decays. <i>Physical Review D</i> , <b>2007</b> , 76,  | 4.9 | 16  |

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| 343 | Measurements of exclusive $B_s0$ decays at the $\Upsilon(5S)$ resonance. <i>Physical Review D</i> , <b>2007</b> , 76,   | 4.9 | 14  |
| 342 | Scintillator tile hadron calorimeter with novel SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 581, 451-456                                   | 1.2 | 25  |
| 341 | Measurements of branching fractions and $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 648, 139-148  | 4.2 | 43  |
| 340 | Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 650, 103-110                         | 4.2 | 3   |
| 339 | A Measurement of the $\Upsilon$ to $J/\Psi$ production ratio in 920 GeV proton-nucleus interactions. <i>European Physical Journal C</i> , <b>2007</b> , 49, 545-558   | 4.2 | 36  |
| 338 | $K^*0$ and $\Upsilon$ meson production in proton-nucleus interactions at $\sqrt{s}=41.6\text{GeV}$ . <i>European Physical Journal C</i> , <b>2007</b> , 50, 315-328   | 4.2 | 23  |
| 337 | Measurement of $D0$ , $D+$ , $Ds+$ and $D^{*+}$ production in fixed target 920 GeV proton-nucleus collisions. <i>European Physical Journal C</i> , <b>2007</b> , 52, 531-542  | 4.2 | 25  |
| 336 | Scintillator strip detector with MRS APD readout for the Super BELLE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 581, 447-450                           | 1.2 |     |
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| 334 | Measurement of the near-threshold $e+e- \rightarrow D^{(*)+}/-D^{(*)-}/+$ cross section using initial-state radiation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 092001  | 7.4 | 93  |
| 333 | Observation of time-dependent CP violation in $B0 \rightarrow \eta'K0$ decays and improved measurements of CP asymmetries in $B0 \rightarrow \phi K0$ , $K_S0K_S0$ and $B0 \rightarrow J/\psi K0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 98, 031802 | 7.4 | 94  |
| 332 | Observation of a charmoniumlike state produced in association with a $J/\psi$ in $e+e-$ annihilation at $\sqrt{s}$ approximately equal to 10.6 GeV. <i>Physical Review Letters</i> , <b>2007</b> , 98, 082001   | 7.4 | 198 |
| 331 | Search for invisible decay of the Upsilon(1S). <i>Physical Review Letters</i> , <b>2007</b> , 98, 132001  | 7.4 | 31  |
| 330 | Measurement of Einstein-Podolsky-Rosen-type flavor entanglement in Upsilon(4S) $\rightarrow B0 B0$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131802  | 7.4 | 39  |
| 329 | Evidence for $D0$ - $D0$ mixing. <i>Physical Review Letters</i> , <b>2007</b> , 98, 211803  | 7.4 | 194 |
| 328 | Search for the CP-violating decays Upsilon(4S) $\rightarrow B0B0\rightarrow J/\psi K_S0+J/\psi(\eta c)K_S0$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 211601   | 7.4 |     |
| 327 | Observation of the decay $B(0)\rightarrow J/\psi\eta$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 131803   | 7.4 | 10  |
| 326 | Measurement of the $e+e- \rightarrow \pi+\pi- J/\psi$ cross section via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 182004   | 7.4 | 283 |

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| 325 | Experimental constraints on the spin and parity of the $\Lambda_c(2880)^+$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 262001   | 7.4 | 63  |
| 324 | Search for $B \rightarrow h^{(*)} n \nu$ decays at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 221802  | 7.4 | 46  |
| 323 | Measurement of inclusive $D_s$ , $D_0$ , and $J/\psi$ rates and determination of the $B_s^{(*)} B_s^{(*)}$ production fraction in $b\bar{b}$ Events at the Upsilon(5S) resonance. <i>Physical Review Letters</i> , <b>2007</b> , 98, 052001    | 7.4 | 34  |
| 322 | Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B_0 \rightarrow (\rho\pi)_0$ and a constraint on the quark mixing matrix angle $\phi_2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 221602                        | 7.4 | 35  |
| 321 | Measurement of $D_0$ - $\bar{D}_0$ mixing parameters in $D_0 \rightarrow K_s \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2007</b> , 99, 131803  | 7.4 | 82  |
| 320 | Observation of two resonant structures in $e^+ e^- \rightarrow \pi^+ \pi^- \psi(2S)$ via initial-state radiation at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 142002   | 7.4 | 272 |
| 319 | Status report on silicon photomultiplier development and its applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 563, 368-376 | 1.2 | 220 |
| 318 | Evidence for $B \rightarrow \eta' \pi$ and improved measurements for $B \rightarrow \eta' K$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 061802   | 7.4 | 19  |
| 317 | Measurement of the quark mixing parameter $\cos 2\phi_1$ using time-dependent Dalitz analysis of $B_0 \rightarrow D[K_S(0)\pi^+ \pi^-] h_0$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 081801  | 7.4 | 27  |
| 316 | Improved measurement of the $b\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. <i>Physical Review D</i> , <b>2006</b> , 73,  | 4.9 | 13  |
| 315 | Observation of a near-threshold $D(0)D^*(0)\pi(0)$ enhancement in $B \rightarrow D(0)D^*(0)\pi(0)K$ decay. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162002   | 7.4 | 149 |
| 314 | Study of $J/\psi \rightarrow \rho\rho, \Lambda\Lambda$ and observation of $\eta(c) \rightarrow \Lambda\Lambda$ at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 97, 162003   | 7.4 | 8   |
| 313 | Measurement of $D_0 \rightarrow \pi l \nu$ form factors and absolute branching fractions. <i>Physical Review Letters</i> , <b>2006</b> , 97, 061804  | 7.4 | 64  |
| 312 | Study of decay mechanisms in $B \rightarrow \Lambda_c \pi$ decays and observation of low-mass structure in the $\Lambda_c \pi$ system. <i>Physical Review Letters</i> , <b>2006</b> , 97, 242001   | 7.4 | 24  |
| 311 | Search for the $h_c$ meson in $B_c^- \rightarrow h_c K_c^-$ . <i>Physical Review D</i> , <b>2006</b> , 74,   | 4.9 | 16  |
| 310 | Observation of $b \rightarrow d\gamma$ and determination of $ V_{td}/V_{ts} $ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 221601  | 7.4 | 37  |
| 309 | Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+e^-$ annihilation at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 232002  | 7.4 | 143 |
| 308 | Observation of $B^+ \rightarrow \Lambda_c^+ \Lambda_c^- K^+$ and $B_0 \rightarrow \Lambda_c^+ \Lambda_c^- K_0$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 97, 202003   | 7.4 | 15  |

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| 307 | Measurement of forward-backward asymmetry and Wilson coefficients in $B \rightarrow K^* l^+ l^-$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 251801   | 7.4 | 69  |
| 306 | Observation of a $\chi(c2)'$ candidate in $\gamma\gamma \rightarrow DD$ production at Belle. <i>Physical Review Letters</i> , <b>2006</b> , 96, 082003   | 7.4 | 180 |
| 305 | Evidence for large direct CP violation in $B_{\pm} \rightarrow \rho(770)0 K_{\pm}$ from analysis of three-body charmless $B_{\pm} \rightarrow K_{\pm} \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2006</b> , 96, 251803   | 7.4 | 97  |
| 304 | Observation of new states decaying into $\Lambda_c(\pm) K^0 \pi^{\pm}$ and $\Lambda_c(\pm) K^0 / s \pi^{\pm}$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 162001  | 7.4 | 175 |
| 303 | Improved constraints on $D^0$ - $\bar{D}^0$ mixing in $D^0 \rightarrow K^+ \pi^-$ decays from the Belle detector. <i>Physical Review Letters</i> , <b>2006</b> , 96, 151801  | 7.4 | 63  |
| 302 | Evidence of the purely leptonic decay $B^- \rightarrow \tau^- \nu(\tau)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 251802   | 7.4 | 182 |
| 301 | Measurement of $\beta_3$ with a Dalitz plot analysis of $B^+ \rightarrow D^{(*)} K^{*+}$ decay. <i>Physical Review D</i> , <b>2006</b> , 73,   | 4.9 | 58  |
| 300 | Measurement of branching fraction and direct CP asymmetry in $B^0 \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,   | 4.9 | 3   |
| 299 | Study of $B^+ \rightarrow D^0 K^+$ and $D^0 K^+$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,  | 4.9 | 33  |
| 298 | Observation of $B^+ \rightarrow \rho^0 \pi^+$ and evidence for $B^0 \rightarrow \rho^0 \pi^+$ . <i>Physical Review D</i> , <b>2006</b> , 74,   | 4.9 | 14  |
| 297 | Measurement of CP violation in $B^0 \rightarrow D^{*0} \pi^0$ and $B^0 \rightarrow D^0 \pi^0$ decays. <i>Physical Review D</i> , <b>2006</b> , 73,   | 4.9 | 17  |
| 296 | Search for the decay $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review D</i> , <b>2006</b> , 73,  | 4.9 | 4   |
| 295 | Charm hadrons from fragmentation and B decays in $e^+e^-$ annihilation at $\sqrt{s}=10.6$ GeV. <i>Physical Review D</i> , <b>2006</b> , 73,  | 4.9 | 64  |
| 294 | Study of scintillator strip with wavelength shifting fiber and silicon photomultiplier. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 564, 590-596                            | 1.2 | 20  |
| 293 | A high-granularity plastic scintillator tile hadronic calorimeter with APD readout for a linear collider detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 564, 144-154 | 1.2 | 8   |
| 292 | Search for lepton and baryon number violating $\Xi$ decays into $\Xi$ and $\Xi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 51-57   | 4.2 | 13  |
| 291 | Search for the $\Xi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 632, 173-180  | 4.2 | 22  |
| 290 | Measurement of branching fractions for $\Xi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 634, 155-164  | 4.2 | 12  |

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| 289 | Measurement of the $\rho$ production cross section in 920 GeV fixed-target proton-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 407-414                      | 4.2 | 18  |
| 288 | Polarization of $\Lambda$ and $\Sigma$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 415-421   | 4.2 | 7   |
| 287 | Search for lepton flavor violating $\mu \rightarrow e \gamma$ decays with a $K_S^0$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 639, 159-164                                 | 4.2 | 16  |
| 286 | First observation of the decay $B \rightarrow K^* K^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 643, 5-10  | 4.2 | 10  |
| 285 | Charge asymmetry of same-sign dileptons in $B^0 B^0$ mixing. <i>Physical Review D</i> , <b>2006</b> , 73,   | 4.9 | 37  |
| 284 | Time-dependent CP-violating asymmetries in $b \rightarrow s q \bar{q}$ transitions. <i>Physical Review D</i> , <b>2005</b> , 72,  | 4.9 | 60  |
| 283 | Search for the $b \rightarrow d \bar{d}$ process. <i>Physical Review D</i> , <b>2005</b> , 72,  | 4.9 | 2   |
| 282 | Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ \eta $ B meson lifetimes, and $B^0$ - $B^0$ mixing parameter $\Delta m_d$ . <i>Physical Review D</i> , <b>2005</b> , 71,  | 4.9 | 70  |
| 281 | Dalitz analysis of the three-body charmless decays $B^+ \rightarrow K^+ \pi^+ \pi^-$ and $B^+ \rightarrow K^+ K^+ K^-$ . <i>Physical Review D</i> , <b>2005</b> , 71,   | 4.9 | 114 |
| 280 | Observation of $B \rightarrow J/\psi \pi$ and searches for $B \rightarrow J/\psi \rho$ and $B^0 \rightarrow J/\psi \rho$ decays. <i>Physical Review D</i> , <b>2005</b> , 72,   | 4.9 | 21  |
| 279 | Measurements of branching fractions and CP asymmetries in $B \rightarrow \bar{B}$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,  | 4.9 | 16  |
| 278 | Improved measurements of the partial rate asymmetry in $B \rightarrow hh$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,  | 4.9 | 15  |
| 277 | Search for $B^0 \rightarrow \rho \pi$ , $B^0 \rightarrow \rho$ and $B^+ \rightarrow \rho \pi$ at Belle. <i>Physical Review D</i> , <b>2005</b> , 71,  | 4.9 | 12  |
| 276 | Search for $D^0 D^0$ mixing using semileptonic decays at Belle. <i>Physical Review D</i> , <b>2005</b> , 72,  | 4.9 | 20  |
| 275 | Measurement of masses and branching ratios of $\Lambda(1520)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 605, 237-246  | 4.2 | 5   |
| 274 | Observation of $\Lambda(1520)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 610, 23-30   | 4.2 | 17  |
| 273 | Spectra of prompt electrons from decays of $B^+$ and $B^0$ mesons and ratio of inclusive semielectronic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 614, 27-36 | 4.2 | 3   |
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| 271 | Measurement of the $\Lambda_c^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 615, 39-49  | 4.2 | 53  |
| 270 | Study of the baryon-antibaryon low-mass enhancements in charmless three-body baryonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 617, 141-149                                   | 4.2 | 53  |
| 269 | Branching fraction, polarization and CP-violating asymmetries in $B_c^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 618, 34-42  | 4.2 | 17  |
| 268 | Measurement of $ V_{ub} $ near the endpoint of the electron momentum spectrum from semileptonic B-meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 28-40                     | 4.2 | 30  |
| 267 | Measurement of $\Lambda_c^+$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 621, 41-55  | 4.2 | 26  |
| 266 | Time-dependent CP violation effects in partially reconstructed $B^0 \rightarrow D^{*0} \pi^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 624, 11-21                               | 4.2 | 4   |
| 265 | EXO: an advanced Enriched Xenon double-beta decay Observatory. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2005</b> , 138, 224-226   |     | 16  |
| 264 | A high-granularity scintillator calorimeter readout with silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 540, 368-380 | 1.2 | 49  |
| 263 | Measurements of the branching fraction and polarization in $B^+ \rightarrow \rho^+ K^{*0}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141801   | 7.4 | 38  |
| 262 | Study of the suppressed decays $B^- \rightarrow [K^+ \pi^-] (D) K^-$ and $B^- \rightarrow [K^+ \pi^-] D \pi^-$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 091601   | 7.4 | 10  |
| 261 | Observation of a near-threshold $\omega/J/\psi$ mass enhancement in exclusive $B^- \rightarrow K \omega/J/\psi$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 182002  | 7.4 | 250 |
| 260 | Observation of the $D_1(2420) \rightarrow D \pi + \pi^-$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221805   | 7.4 | 20  |
| 259 | Observation of $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 181803   | 7.4 | 38  |
| 258 | Measurement of the time-dependent CP-violating asymmetry in $B(0) \rightarrow K(0)(S) \pi(0) \gamma$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 231601   | 7.4 | 11  |
| 257 | Observation of $B^+ \rightarrow \Lambda_c^+ \gamma$ . <i>Physical Review Letters</i> , <b>2005</b> , 95, 061802  | 7.4 | 21  |
| 256 | Measurements of B decays to two kaons. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231802   | 7.4 | 6   |
| 255 | Measurement of the wrong-sign decays $D^0 \rightarrow K^+ \pi^- \pi^0$ and $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ , and search for CP violation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231801  | 7.4 | 24  |
| 254 | Observation of an isotriplet of excited charmed baryons decaying to $\Lambda_c^+ \pi$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 122002  | 7.4 | 85  |



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| 253 | Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow \rho^+\pi^0$ . <i>Physical Review Letters</i> , <b>2005</b> , 94, 031801   | 7.4 | 18  |
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| 251 | Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^0 K^0 K^0$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 95, 061801  | 7.4 | 17  |
| 250 | Evidence for $B^0 \rightarrow D^+ D^-$ and observation of $B^- \rightarrow D^0 D^-$ and $B^- \rightarrow D^0 D^{*-}$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 041803  | 7.4 | 10  |
| 249 | Observation of $B^0 \rightarrow D^{*s} J(2317)^+ K^-$ decay. <i>Physical Review Letters</i> , <b>2005</b> , 94, 061802  | 7.4 | 22  |
| 248 | Publisher's Note: Improved measurement of CP-violation parameters $\sin 2\beta_1$ and $ q/p $ B meson lifetimes, and $B^0 B^0$ mixing parameter $\theta_{\text{hd}}$ [Phys. Rev. D 71, 072003 (2005)]. <i>Physical Review D</i> , <b>2005</b> , 71, | 4.9 | 22  |
| 247 | Search for $B^0 \rightarrow J/\psi D^0$ and $B^+ \rightarrow J/\psi D^+$ decays. <i>Physical Review D</i> , <b>2005</b> , 71,   | 4.9 | 4   |
| 246 | Search for $D^0$ - $D^0$ mixing in $D^0 \rightarrow K^+ \pi^-$ decays and measurement of the doubly-Cabibbo-suppressed decay rate. <i>Physical Review Letters</i> , <b>2005</b> , 94, 071801  | 7.4 | 13  |
| 245 | Improved measurement of the electroweak penguin process $B \rightarrow X_s \eta'$ . <i>Physical Review D</i> , <b>2005</b> , 72,  | 4.9 | 108 |
| 244 | Measurement of polarization and triple-product correlations in $B \rightarrow \phi K^*$ decays. <i>Physical Review Letters</i> , <b>2005</b> , 94, 221804   | 7.4 | 88  |
| 243 | Study of CP violating effects in time dependent $B^0(B^0) \rightarrow D^{(*)-}/\pi^+/\pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 031802   | 7.4 | 8   |
| 242 | Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 191802   | 7.4 | 108 |
| 241 | Measurement of the branching fractions for $B \rightarrow \eta'$ and $B \rightarrow \eta$ . <i>Physical Review D</i> , <b>2004</b> , 70,  | 4.9 | 4   |
| 240 | Observation of $B^+ \rightarrow p p \pi^+$ , $B^0 \rightarrow p p K^0$ , and $B^+ \rightarrow p p K^{*+}$ . <i>Physical Review Letters</i> , <b>2004</b> , 92, 131801   | 7.4 | 62  |
| 239 | Study of time-dependent CP violation in $B^0 \rightarrow J/\psi \pi^0$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 261801  | 7.4 | 11  |
| 238 | Observation of large CP violation and evidence for direct CP violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 021601   | 7.4 | 64  |
| 237 | Observation of radiative $B \rightarrow \phi K \gamma$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 92, 051801  | 7.4 | 10  |
| 236 | Measurement of the CP asymmetry in $B \rightarrow X_s \gamma$ . <i>Physical Review Letters</i> , <b>2004</b> , 93, 031803   | 7.4 | 33  |

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| 104 | Search for neutrinoless $\bar{B}$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 179-189   |     | 4  |
| 103 | Search for charm production in direct decays of the $\psi(1S)$ resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 25-31   |     | 3  |
| 102 | A new determination of the $B^0$ ( $\bar{B}^0$ ) oscillation strength. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 357-363  |     | 7  |
| 101 | Measurement of the decay $\bar{B} \rightarrow \bar{D}^0 \pi^0$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 56, 339-345  |     | 5  |
| 100 | A measurement of asymmetry in the decay $\bar{B}^+ \rightarrow \bar{B}^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 274, 239-245                                 | 4.2 | 33 |
| 99  | A measurement of the inclusive semileptonic decay fraction of charmed hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 278, 202-208                              | 4.2 | 17 |
| 98  | Measurement of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 275, 195-201   | 4.2 | 26 |
| 97  | First evidence of $\bar{D}$ production in $B$ meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 277, 209-214   | 4.2 | 17 |
| 96  | Hard scattering in $\bar{B}$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 205-213  | 4.2 | 72 |
| 95  | Evidence for the production of the charmed, doubly strange baryon $\bar{\Lambda}$ in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 288, 367-372 | 4.2 | 20 |
| 94  | Study of $p\bar{p}$ and $\bar{p}p$ production in $e^+e^-$ annihilation at 10 GeV center of mass energy. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 49, 349-353   |     | 1  |
| 93  | Observation of spin-parity $2^+$ dominance in the reaction $\bar{B} \rightarrow \bar{D}^0 \pi^0$ near threshold. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 50, 1-10                                   |     | 26 |
| 92  | Inclusive production of $D^0, D^+$ and $D^*(2010)^+$ mesons in $B$ decays and nonresonant $e^+e^-$ annihilation at 10.6 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 52, 353-360                    |     | 54 |

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| 91 | Reconstruction of semileptonic $b \rightarrow u$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 255, 297-304   | 4.2 | 66  |
| 90 | Search for $b \rightarrow s$ gluon in B meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 254, 288-292  | 4.2 | 42  |
| 89 | A spin-parity analysis of $B \rightarrow \pi \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 267, 535-540  | 4.2 | 21  |
| 88 | Observations of $B^+$ semileptonic decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 269, 234-242  | 4.2 | 28  |
| 87 | Inclusive $D$ and $F$ meson production in electron positron interactions at $(\sqrt{s} = 10 \text{ GeV})$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1990</b> , 46, 15-23  |     | 19  |
| 86 | Exclusive hadronic decays of B mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1990</b> , 48, 543-551   |     | 184 |
| 85 | Observation of the decay $D_s^+ \rightarrow \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 315-320   | 4.2 | 13  |
| 84 | Study of antideuteron production in $e^+ e^-$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 236, 102-108                    | 4.2 | 29  |
| 83 | Determination of the tau-neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 250, 164-171  | 4.2 | 44  |
| 82 | Determination of the Michel parameter in tau decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 246, 278-284  | 4.2 | 28  |
| 81 | Observation of semileptonic charmless B meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 234, 409-416  | 4.2 | 120 |
| 80 | Search for exclusive radiative decays of $\rho(1S)$ and $\rho(2S)$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 42, 349-354   |     | 6   |
| 79 | Inclusive production of charged pions, charged and neutral kaons and antiprotons in $e^+ e^-$ annihilation at 10 GeV and in direct Upsilon decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 44, 547-555 |     | 41  |
| 78 | Measurement of inclusive B meson decays into baryons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 42, 519-525  |     | 8   |
| 77 | Inclusive $\rho$ -meson production in electron-positron interactions in the energy region of the $\rho$ -resonances. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 41, 557-566                               |     | 11  |
| 76 | Measurement of $D^0$ decays into $(\overline{K}^0 \omega)$ , $(\overline{K}^0 \eta)$ and $(\overline{K}^{*0} \eta)$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 43, 181-184                              |     | 6   |
| 75 | Results on baryon antibaryon correlations in $e^+ e^-$ annihilation. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1989</b> , 43, 45-53   |     | 10  |
| 74 | Observation of the charged isospin partner of the $D^*(2459)^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 208-212  | 4.2 | 20  |

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| 73 | Measurement of the decay $B^0 \rightarrow D^* \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 229, 175-180   | 4.2 | 33  |
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| 71 | Measurement of $D^{*+}$ polarization in the decay $B^0 \rightarrow D^{*+} \pi^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 219, 121-126           | 4.2 | 47  |
| 70 | Search for $b \rightarrow s \pi$ in exclusive decays of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 229, 304-308                            | 4.2 | 71  |
| 69 | A measurement of $\tau(B^+) / \tau(B^0)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 217, 205-210   | 4.2 | 31  |
| 68 | Observation of a new charmed-strange meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 230, 162-168  | 4.2 | 27  |
| 67 | Observation of $(1232)^{++}$ production in $e^+e^-$ annihilations around 10 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 230, 169-174             | 4.2 | 6   |
| 66 | Observation of the $D^{*0}(2459)$ in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 221, 422-426                                  | 4.2 | 47  |
| 65 | Argus: A universal detector at DORIS II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 275, 1-48         | 1.2 | 136 |
| 64 | A study of drift chamber ageing with propane. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 274, 189-193 | 1.2 | 4   |
| 63 | The ARGUS microvertex drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1989</b> , 283, 544-552          | 1.2 | 14  |
| 62 | Resonance decomposition of the $D^{*+}(2420)^0$ through a decay angular analysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 232, 398-404            | 4.2 | 45  |
| 61 | Measurement of the decays $B^+ \rightarrow K^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 41, 1-5  |     | 8   |
| 60 | Hyperon production in $e^+e^-$ annihilation at 10 GeV center of mass energy. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 39, 177-186   |     | 26  |
| 59 | Upper limits for the decay of leptons into mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 41, 405-411   |     | 3   |
| 58 | Search for the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 258-262  | 4.2 | 17  |
| 57 | Observation of inclusive B meson decays into $\bar{p}^+$ Baryons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 263-266                            | 4.2 | 28  |
| 56 | Lifetimes of charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 210, 267-272   | 4.2 | 4   |



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| 55 | A search for $\Lambda$ and $\Sigma$ production in the reactions $\bar{B} \rightarrow K + K \bar{0}$ and $\bar{B} \rightarrow 2K + 2K \bar{0}$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 210, 273-277</i> | 4.2 | 10 |
| 54 | Measurement of $D^*s$ - $D_s$ mass difference. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 349-354</i>  | 4.2 | 10 |
| 53 | An improved upper limit on the $B$ mass from the decay $\bar{B} \rightarrow \bar{0} \bar{0}$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 202, 149-153</i>  | 4.2 | 71 |
| 52 | Observation of the charmed baryon $\bar{\Lambda}$ in $e^+e^-$ annihilation at 10 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 109-114</i>   | 4.2 | 41 |
| 51 | Search for $D_0$ decays into lepton pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 209, 380-384</i>  | 4.2 | 8  |
| 50 | Observation of the orbitally excited ( $\Lambda(1520)$ ) baryon in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 429-434</i>   | 4.2 | 9  |
| 49 | First observation of $\Lambda$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 212, 528-532</i>  | 4.2 | 13 |
| 48 | Observation of charmless $B$ meson decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 209, 119-126</i>  | 4.2 | 63 |
| 47 | Observation of the charmed Baryon $\bar{\Lambda}$ in $e^+e^-$ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 211, 489-492</i>  | 4.2 | 27 |
| 46 | $B$ meson decays to $D^*$ and $D^?$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 424-428</i>   | 4.2 | 7  |
| 45 | Measurement of the decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 452-456</i>   | 4.2 | 66 |
| 44 | Search for the decay $D_s \rightarrow D^* \bar{0}$ as evidence for quark annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 195, 102-106</i>  | 4.2 | 12 |
| 43 | First observation of $\bar{B} \rightarrow \bar{0} \bar{0}$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 198, 577-582</i>  | 4.2 | 20 |
| 42 | An upper limit on $D_0 \bar{D}_0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 447-450</i>   | 4.2 | 6  |
| 41 | $B$ meson decays into charmonium states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 451-456</i>  | 4.2 | 51 |
| 40 | Measurement of $\bar{0} \rightarrow \bar{0} \bar{0}$ in $\bar{0} \bar{0}$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 457-461</i>   | 4.2 | 23 |
| 39 | Observation of octet and decuplet hyperons in $e^+e^-$ annihilation at 10 GeV centre-of-mass energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 183, 419-424</i>  | 4.2 | 27 |
| 38 | Observation of inclusive $DS$ production in $B$ meson decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 187, 425-430</i>  | 4.2 | 12 |



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| 37 | Observation of $B^0$ - $\bar{B}^0$ mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 192, 245-252  | 4.2 | 54 <sup>o</sup> |
| 36 | Search for the decay $B^0 \rightarrow \nu \bar{\nu}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 195, 307-310  | 4.2 | 6               |
| 35 | Determination of $B_s$ from a measurement of the direct photon spectrum in $\Upsilon(1S)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 291-296 | 4.2 | 32              |
| 34 | First observation of $B_c$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 198, 255-260  | 4.2 | 20              |
| 33 | Reconstruction of B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 218-222   | 4.2 | 74              |
| 32 | Evidence for the decay $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 223-227  | 4.2 | 63              |
| 31 | Search for lepton-number and lepton-flavour violation in tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 185, 228-232                              | 4.2 | 19              |
| 30 | A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 199, 580-584  | 4.2 | 14              |
| 29 | First observation of $B^0 \rightarrow \pi^0 \pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 196, 101-106  | 4.2 | 26              |
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| 27 | The hadronic transitions from $\Upsilon(2S)$ to $\Upsilon(1S)$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1987</b> , 35, 283-293  |     | 25              |
| 26 | Search for gluinos in decays of the $\bar{B}(13P1)$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 167, 360-364  | 4.2 | 11              |
| 25 | Observation of F decays into $K^*K$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 179, 398-402   | 4.2 | 18              |
| 24 | Search for exotic decay modes of the $\psi(1S)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 179, 403-408   | 4.2 | 22              |
| 23 | Determination of the branching ratio for the decay $B^0 \rightarrow D^* \pi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 182, 95-100                     | 4.2 | 6               |
| 22 | Measurement of tau decays into three charged pions. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1986</b> , 33, 7-12  |     | 52              |
| 21 | An upper limit for two-jet production in direct $\psi(1S)$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1986</b> , 31, 181-184  |     | 9               |
| 20 | Observation of a new charmed meson. <i>Physical Review Letters</i> , <b>1986</b> , 56, 549-552   | 7.4 | 61              |

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| 16 | An upper limit on the mass of the tau neutrino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 163, 404-407  | 4.2 | 44 |
| 15 | Search for narrow states coupling to $\Upsilon$ pairs in radiative $\Upsilon$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 154, 452-456  | 4.2 | 17 |
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| 12 | Direct evidence for $W$ exchange in charmed meson decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 158, 525-530   | 4.2 | 45 |
| 11 | Observation of $B$ -meson decay into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 162, 395-399  | 4.2 | 32 |
| 10 | Radiative decays of the $\Upsilon(2S)$ into the three $\Upsilon$ states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 160, 331-336   | 4.2 | 18 |
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| 8  | A precision measurement of the $\Upsilon$ meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 135, 498-504  | 4.2 | 46 |
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| 5  | The ARGUS drift chamber. <i>Nuclear Instruments &amp; Methods in Physics Research</i> , <b>1983</b> , 217, 153-159  |     | 33 |
| 4  | The hadronic cross section of electron-positron annihilation at 9.5 GeV and the $\Upsilon$ and $\Upsilon'$ resonance parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 116, 383-386 | 4.2 | 26 |
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