

연번	저자	논문제목	관련연구 내용	저널명	권호	구분	발표일
1	김귀년, 손동철, 박향규	A new boson with a mass of 125 GeV observed with the CMS Experiment at the Large Hadron Collider	CMS 실험	Journal of High Energy Physics	Vol.1212, 055	SCI	2012.12
2	김귀년, 손동철, 박향규	Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review D	Vol.85, 012004	SCI	2012.01
3	김귀년, 손동철, 박향규	Performance of $\tau$ -lepton reconstruction and identification in CMS	CMS 실험	Journal of Instrumentation	Vol.7, P01001	SCIE	2012.01
4	김귀년, 손동철, 박향규	Forward Energy Flow, Central Charged-Particle Multiplicities, and Pseudorapidity Gaps in W and Z Boson Events from pp Collisions at $\sqrt{s} = 7$ TeV	CMS 실험	European Physical Journal C	Vol.72, 1839	SCI	2012.01
5	김귀년, 손동철, 박향규	Jet Production Rates in Association with W and Z Bosons in pp Collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1201, 010	SCI	2012.01
6	김귀년, 손동철, 박향규	Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review D	Vol.85, 032002	SCI	2012.02
7	김귀년, 손동철, 박향규	Measurement of the Production Cross Section for Pairs of Isolated Photons in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1201, 133	SCI	2012.01
8	김귀년, 손동철, 박향규	$J/\psi$ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1202, 011	SCI	2012.02
9	김귀년, 손동철, 박향규	Exclusive $\gamma\gamma \rightarrow \mu^+\mu^-$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1201, 052	SCI	2012.01
10	김귀년, 손동철, 박향규	Search for signatures of extra dimensions in the diphoton mass spectrum at the Large Hadron Collider	CMS 실험	Physical Review Letters	Vol.108, 111801	SCI	2012.03
11	김귀년, 손동철, 박향규	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.709, 28-49	SCI	2012.03
12	김귀년, 손동철, 박향규	Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	Physics Letters B	Vol.710, 256-277	SCI	2012.04
13	김귀년, 손동철, 박향규	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	European Physical Journal C	Vol.72, 2012	SCI	2012.05
14	김귀년, 손동철, 박향규	Suppression of non-prompt $J/\psi$ , prompt $J/\psi$ , and $Y(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1205, 063	SCI	2012.05
15	김귀년, 손동철, 박향규	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1206, 036	SCI	2012.06

16	김귀년, 손동철, 박향규	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.710, 26-48	SCI	2012.03
17	김귀년, 손동철, 박향규	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow q\bar{q}l^+l^-$ in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1204, 036	SCI	2012.04
18	김귀년, 손동철, 박향규	Search for the standard model Higgs boson decaying to $W^+W^-$ in the fully leptonic final state in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.710, 91-113	SCI	2012.03
19	김귀년, 손동철, 박향규	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.710, 403-425	SCI	2012.04
20	김귀년, 손동철, 박향규	Search for the standard model Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4l$ in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review Letters	Vol.108, 111804	SCI	2012.03
21	김귀년, 손동철, 박향규	Study of high-pT charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	European Physical Journal C	Vol.72, 1945	SCI	2012.03
22	김귀년, 손동철, 박향규	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2l2\nu$ channel in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1203, 040	SCI	2012.03
23	김귀년, 손동철, 박향규	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow l^+l^-\tau^+\tau^-$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1203, 081	SCI	2012.03
24	김귀년, 손동철, 박향규	Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.711, 15-34	SCI	2012.05
25	김귀년, 손동철, 박향규	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.713, 68-90	SCI	2012.06
26	김귀년, 손동철, 박향규	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.710, 284-306	SCI	2012.04
27	김귀년, 손동철, 박향규	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1204, 084	SCI	2012.04
28	김귀년, 손동철, 박향규	Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	Physics Letters B	Vol.712, 176-197	SCI	2012.06
29	김귀년, 손동철, 박향규	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1205, 055	SCI	2012.05
30	김귀년, 손동철, 박향규	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1204, 061	SCI	2012.04
31	김귀년, 손동철, 박향규	Measurement of the cross section for production of $b\bar{b}X$ , decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1206, 110	SCI	2012.06

32	김귀년, 손동철, 박향규	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays	CMS 실험	Journal of High Energy Physics	Vol.1204, 033	SCI	2012.04
33	김귀년, 손동철, 박향규	Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Physics Letters B	Vol.716, 103-121	SCI	2012.09
34	김귀년, 손동철, 박향규	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV in dilepton final states containing a $\tau$	CMS 실험	Physical Review D	Vol.85, 112007	SCI	2012.06
35	김귀년, 손동철, 박향규	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7$ TeV	CMS 실험	European Physical Journal C	Vol.72, 2216	SCI	2012.11
36	김귀년, 손동철, 박향규	Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy	CMS 실험	Physical Review Letters	Vol.108, 261803	SCI	2012.06
37	김귀년, 손동철, 박향규	Search for heavy bottom-like quarks in 4.9 inverse femtobarns of pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1205, 123	SCI	2012.05
38	김귀년, 손동철, 박향규	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV	CMS 실험	European Physical Journal C	Vol.72, 2080	SCI	2012.09
39	김귀년, 손동철, 박향규	Measurement of the Z/gamma*+b-jet cross section in pp collisions at 7 TeV	CMS 실험	Journal of High Energy Physics	Vol.1206, 126	SCI	2012.06
40	김귀년, 손동철, 박향규	Azimuthal anisotropy of charged particles at high transverse momenta in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	CMS 실험	Physical Review Letters	Vol.109, 022301	SCI	2012.07
41	김귀년, 손동철, 박향규	Search for anomalous $t\bar{t}$ production in the highly-boosted all-hadronic final state	CMS 실험	Journal of High Energy Physics	Vol.1209, 029	SCI	2012.09
42	김귀년, 손동철, 박향규	Measurement of the mass difference between top and antitop quarks	CMS 실험	Journal of High Energy Physics	Vol.1206, 109	SCI	2012.06
43	김귀년, 손동철, 박향규	Shape, transverse size, and charged hadron multiplicity of jets in pp collisions at 7 TeV	CMS 실험	Journal of High Energy Physics	Vol.1206, 160	SCI	2012.06
44	김귀년, 손동철, 박향규	Search for Physics beyond the standard model in events with a Z boson, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.716, 260-284	SCI	2012.09
45	김귀년, 손동철, 박향규	Search for leptonic decays of $W^\pm$ bosons in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1208, 023	SCI	2012.08
46	김귀년, 손동철, 박향규	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1206, 169	SCI	2012.06
47	김귀년, 손동철, 박향규	Observation of a new $\Xi_b$ baryon	CMS 실험	Physical Review Letters	Vol.108, 252002	SCI	2012.06

48	김귀년, 손동철, 박향규	Search for heavy long-lived charged particles in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Physics Letters B	Vol.713, 408-433	SCI	2012.07
49	김귀년, 손동철, 박향규	Measurement of the Lambda(b) cross section and the anti-Lambda(b) to Lambda(b) ratio with Lambda(b) to J/Psi Lambda decays in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.714, 136-157	SCI	2012.08
50	김귀년, 손동철, 박향규	Measurement of the pseudorapidity and centrality dependence of the transverse energy density in PbPb collisions at $\sqrt{sNN} = 2.76$ TeV	CMS 실험	Physical Review Letters	Vol.109, 152303	SCI	2012.10
51	김귀년, 손동철, 박향규	Search for new Physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1208, 110	SCI	2012.08
52	김귀년, 손동철, 박향규	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1207, 143	SCI	2012.07
53	김귀년, 손동철, 박향규	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{sNN} = 2.76$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1210, 087	SCI	2012.10
54	김귀년, 손동철, 박향규	Search for new Physics with same-sign isolated dilepton events with jets and missing transverse energy	CMS 실험	Physical Review Letters	Vol.109, 071803	SCI	2012.08
55	김귀년, 손동철, 박향규	Study of W boson production in PbPb and pp collisions at $\sqrt{sNN} = 2.76$ TeV	CMS 실험	Physics Letters B	Vol.715, 66-87	SCI	2012.08
56	김귀년, 손동철, 박향규	Search for a $W'$ or Techni- $\rho$ Decaying into WZ in pp Collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review Letters	Vol.109, 141801	SCI	2012.10
57	김귀년, 손동철, 박향규	Search for narrow resonances in dilepton mass spectra in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.714, 158-179	SCI	2012.09
58	김귀년, 손동철, 박향규	Search for high mass resonances decaying into tau-lepton pairs in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.716, 82-102	SCI	2012.09
59	김귀년, 손동철, 박향규	Measurement of the electron charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review Letters	Vol.109, 111806	SCI	2012.09
60	김귀년, 손동철, 박향규	Search for charge-asymmetric production of $W'$ bosons in top pair + jet events from pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.717, 351 - 370	SCI	2012.10
61	김귀년, 손동철, 박향규	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of Instrumentation	Vol.7, P10002	SCIE	2012.10
62	김귀년, 손동철, 박향규	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1209, 094	SCI	2012.09

63	김귀년, 손동철, 박향규	Search for a light pseudoscalar Higgs boson in the dimuon decay channel in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review Letters	Vol.109, 121801	SCI	2012.09
64	김귀년, 손동철, 박향규	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1208, 026	SCI	2012.08
65	김귀년, 손동철, 박향규	Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.717, 129-150	SCI	2012.09
66	김귀년, 손동철, 박향규	Search for new Physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1211, 172	SCI	2012.11
67	김귀년, 손동철, 박향규	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1209, 111	SCI	2012.09
68	김귀년, 손동철, 박향규	Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review Letters	Vol.109, 171803	SCI	2012.10
69	김귀년, 손동철, 박향규	Search for supersymmetry in hadronic final states using MT2 in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1210, 018	SCI	2012.10
70	김귀년, 손동철, 박향규	Measurement of the underlying event activity in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the novel jet-area/median approach	CMS 실험	Journal of High Energy Physics	Vol.1208, 130	SCI	2012.08
71	김귀년, 손동철, 박향규	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	European Physical Journal C	Vol.72, 2189	SCI	2012.10
72	김귀년, 손동철, 박향규	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 0.9, 2.76,$ and 7 TeV	CMS 실험	European Physical Journal C	Vol.72, 2164	SCI	2012.10
73	김귀년, 손동철, 박향규	Search for heavy Majorana neutrinos in $\mu\pm\mu\pm +$ jets and $e\pm e\pm +$ jets events in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.717, 109-128	SCI	2012.10
74	김귀년, 손동철, 박향규	Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physical Review D	Vol.86, 052013	SCI	2012.09
75	김귀년, 손동철, 박향규	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC	CMS 실험	Physics Letters B	Vol.716, 30-61	SCI	2012.09
76	김귀년, 손동철, 박향규	Measurement of the $t\bar{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1211, 067	SCI	2012.11
77	김귀년, 손동철, 박향규	Search for three-jet resonances in pp collisions at $\sqrt{s} = 7$ TeV	CMS 실험	Physics Letters B	Vol.718, 329-347	SCI	2012.12
78	김귀년, 손동철, 박향규	Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at 7 TeV	CMS 실험	Physical Review D	Vol.86, 072010	SCI	2012.10

79	김귀년, 손동철, 박향규	Search for pair produced fourth-generation up-type quarks in pp collisions at $\sqrt{s}=7$ TeV with a lepton in the final state	CMS 실험	Physics Letters B	Vol.718, 307-328	SCI	2012.12
80	김귀년, 손동철, 박향규	Search for exclusive or semi-exclusive $\gamma\gamma$ production and observation of exclusive and semi-exclusive $e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1211, 080	SCI	2012.11
81	김귀년, 손동철, 박향규	Measurement of the top-quark mass in $t\bar{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	European Physical Journal C	Vol.72, 2202	SCI	2012.10
82	김귀년, 손동철, 박향규	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1211, 088	SCI	2012.11
83	김귀년, 손동철, 박향규	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1212, 035	SCI	2012.12
84	김귀년, 손동철, 박향규	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1211, 147	SCI	2012.11
85	김귀년, 손동철, 박향규	Search for heavy lepton partners of neutrinos in proton-proton collisions in the context of the type III seesaw mechanism	CMS 실험	Physics Letters B	Vol.718, 348-368	SCI	2012.12
86	김귀년, 손동철, 박향규	Observation of Z decays to four leptons with the CMS detector at the LHC	CMS 실험	Journal of High Energy Physics	Vol.1212, 034	SCI	2012.12
87	김귀년, 손동철, 박향규	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1212, 055	SCI	2012.12
88	김귀년, 손동철, 박향규	Search for heavy neutrinos and W bosons with right-handed couplings in a left-right symmetric model in pp collisions at 7 TeV	CMS 실험	Physical Review Letters	Vol.109, 261802	SCI	2012.12
89	김귀년, 손동철, 박향규	Search for resonant $t\bar{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1212, 015	SCI	2012.12
90	김귀년, 손동철, 박향규	Measurement of the top-quark mass in $t\bar{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV	CMS 실험	Journal of High Energy Physics	Vol.1212, 105	SCI	2012.12
91	김귀년, 손동철, 박향규	Combined search for the quarks of a sequential fourth generation	CMS 실험	Physical Review D	Vol.86, 112003	SCI	2012.12
92	김귀년, 손동철, 박향규	Study of the dijet mass spectrum in $pp \rightarrow W + \text{jets}$ events at $\sqrt{s}=7$ TeV	CMS 실험	Physical Review Letters	Vol.109, 251801	SCI	2012.12
93	김귀년, 손동철, 박향규	Observation of sequential Upsilon suppression in PbPb collisions	CMS 실험	Physical Review Letters	Vol.109, 222301	SCI	2012.11

94	김귀년, 손동철, 이만우, 김경숙	The Alpha Magnetic Spectrometer on the International Space Station	AMS 실험	International Journal of Modern Physics E	Vol.21, 1230005	SCIE	2012.07
95	김귀년, 이만우, 김경숙	Mass-yield distributions of fission products from photofission of $^{232}\text{Th}$ induced by 45- and 80-MeV bremsstrahlung	국내 실험	Physical Review C	Vol.86, 054607	SCI	2012.11
96	김귀년, 이만우, 김경숙	Isomeric yield ratios for the $\text{natSb}(c,xn)_{120m,g,122m,g}\text{Sb}$ reactions measured at 40-, 45-, 50-, 55-, and 60-MeV bremsstrahlung energies	국내 실험	Nuclear Instruments and Methods in Physics Research B	Vol.283, 40-45.	SCI	2012.07
97	김귀년, 이만우, 김경숙	Measurement of isomeric-yield ratios of $^{109m,g}\text{Pd}$ and $^{115m,g}\text{Cd}$ with 50-, 60-, and 70-MeV bremsstrahlung	국내 실험	Nuclear Instruments and Methods in Physics Research B	Vol.276, 44 - 50	SCI	2012.04
98	김귀년, 이만우, 김경숙	Mass distribution in the 50-, 60-, and 70-MeV bremsstrahlung-induced fission of $^{232}\text{Th}$	국내 실험	Physical Review C	Vol.85, 024623	SCI	2012.02
99	김귀년, 이만우, 김경숙	Investigations of $^{89}\text{Y}(p,x)^{86,88,89}\text{Zr}$ , $^{86m+g,87g,87m,88g}\text{Y}$ , $^{85}\text{gSr}$ , and $^{84g}\text{Rb}$ nuclear processes up to 42 MeV	국내 실험	Nuclear Instruments and Methods in Physics Research B	Vol.271, 72-81	SCI	2012.01
100	김귀년, Khandaker, 김광수	Production parameters of the therapeutic $^{105}\text{Rh}$ radionuclide using medium energy cyclotron	국내 실험	Pramana-journal of Physics	Vol. 79, 243 - 248	SCI	2012.08
101	김귀년, Khandaker, 김광수	Production cross sections of short-lived silver radionuclides from $\text{natPd}(p,xn)$ nuclear processes	국내 실험	Nuclear Instruments and Methods in Physics Research B	Vol.274, 148 - 153	SCI	2012.03
102	손동철	Angular correlations in three-jet events in ep collisions at HERA	ZEUS 실험	Physical Review D	Vol.85, 052008	SCI	2012.03
103	손동철	Measurement of the t dependence in exclusive photoproduction of Upsilon(1S) mesons at HERA	ZEUS 실험	Physics Letters B	Vol.708, 14-20	SCI	2012.01
104	손동철	Scaled momentum distributions for $\text{KOS}$ and $\Lambda/\Lambda^-$ in DIS at HERA	ZEUS 실험	Journal of High Energy Physics	Vol.1203, 020	SCI	2012.03
105	손동철	Search for single-top production in ep collisions at HERA	ZEUS 실험	Physics Letters B	Vol.708, 27-36	SCI	2012.02
106	손동철	Exclusive electroproduction of two pions at HERA	ZEUS 실험	European Physical Journal C	Vol.72, 1869	SCI	2012.01
107	손동철	Measurement of isolated photons accompanied by jets in deep inelastic ep scattering	ZEUS 실험	Physics Letters B	Vol.715, 88-97	SCI	2012.06
108	손동철	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA	ZEUS 실험	European Physical Journal C	Vol.72, 2175	SCI	2012.10

109	손동철	Search for first-generation leptoquarks at HERA	ZEUS 실험	Physical Review D	Vol.86, 012005	SCI	2012.05
110	손동철	Inclusive-jet photoproduction at HERA and determination of alphas	ZEUS 실험	Nuclear Physics B	Vol.864, 1-37	SCI	2012.11
111	김은산, 황지광	Effects of space charge in a compact superconducting energy recovery linac with a low energy	가속기 개발	Nuclear Instruments and Methods in Physics Research A	Vol.684, 18-26	SCI	2012.08
112	김은산	Design study of a non-scaling fixed-field alternating gradient accelerator	가속기 개발	Journal of the Korean Physical Society	Vol.60, 1868-1871	SCI	2012.06
113	김은산, 김영임, 허애영	Cavity beam position monitor system for the Accelerator Test Facility 2	가속기 개발	Physical Review Special Topics - Accelerators and Beams	Vol.15, 042801	SCIE	2012.04
114	오용석, 양길석	Hidden local symmetry and infinite tower of vector mesons for baryons	핵물리 이론	Physical Review D	Vol.86 074025	SCI	2012.01
115	오용석, 양길석	다섯 쿼크 $\Theta^+$ 의 붕괴 너비의 그 질량과 $N^*$ 의 질량에 대한 의존성	핵물리 이론	새물리	Vol.62, 243-250	KCI	2012.03
116	오용석	Model-independent determination of the parity of Xi hyperons	핵물리 이론	Physical Review C	Vol.85, 042201	SCI	2012.04
117	오용석	Spin-Density Matrix Elements for $\gamma p \rightarrow K^*0 \Sigma^+$ at $E_\gamma=1.85-3.0$ GeV with Evidence for the $\kappa(800)$ Meson Exchange	핵물리 이론	Physical Review Letters	Vol.108, 092001	SCI	2012.03
118	오용석	Axial anomaly and the $\delta(LT)$ puzzle	핵물리 이론	Physical Review D	Vol.85, 016012	SCI	2012.01
119	김우영	Beam-Target Double-Spin Asymmetry ALT in Charged Pion Production from Deep Inelastic Scattering on a Transversely Polarized $^3\text{He}$ Targer at $1.4 < Q^2 < 2.7$ GeV <sup>2</sup>	핵물리 실험	Physical Review Letters	Vol.108, 052001	SCI	2012.01
120	김우영	Upper limits for the photo production crosssection for the $\Phi(1860)$ penta quark state off the deuteron	핵물리 실험	Physical Review C	Vol.85, 015205	SCI	2012.01
121	김우영	Branching ratio of the electromagnetic decay of the $\Sigma^+(1385)$	핵물리 실험	Physical Review D	Vol.85, 052004	SCI	2012.03
122	김우영	Measurement of the generalized form factors near threshold via $\gamma^*p \rightarrow n\pi^+$ at high $Q^2$	핵물리 실험	Physical Review C	Vol.85, 035208	SCI	2012.03
123	김우영	LED Test of a CTOF Counter with Fine-mesh PMs and Ordinary PMs	핵물리 실험	새물리	Vol.62, 240-242	KCI	2012.03
124	김우영	Measurement of the Neutron F2 Structure Function via Spectator Tagging with CLAS	핵물리 실험	Physical Review Letters	Vol.108, 142001	SCI	2012.04
125	김우영	Observation of Reactor Electron Antineutrinos Disappearance in the RENO Experiment	핵물리 실험	Physical Review Letters	Vol.108, 191802	SCI	2012.05



126	김우영	Evidence for the onset of color transparency in $\rho^0$ electro production off nuclei	핵물리 실험	Physics Letters B	Vol.712, 326 - 330	SCI	2012.06
127	김우영	Measurement of Exclusive $\pi^0$ Electro production Structure Function and their Relationship	핵물리 실험	Physical Review Letters	Vol.712, 326 - 330	SCI	2012.09
128	김우영	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on $e p \rightarrow e \pi^+ p$	핵물리 실험	Physical Review C	Vol.86, 035203	SCI	2012.09
129	김우영	Comparison of forward and backward pp pair knockout in $3\text{He}(e, e p p)n$	핵물리 실험	Physical Review C	Vol.85, 064318	SCI	2012.06
130	김홍주, 박향규	First observation of the P-wave spin-singlet bottomonium states $hb(1P)$ and $hb(2P)$	BELLE 실험	Physical Review Letters	Vol.108, 032001	SCI	2012.01
131	김홍주, 박향규	Search for CP Violation in $D^\pm$ Meson Decays to $\phi\pi^\pm$	BELLE 실험	Physical Review Letters	Vol.108, 071801	SCI	2012.02
132	김홍주, 박향규	Evidence for Direct CP Violation in $B^\pm \rightarrow \eta h^\pm$ and Observation of $B^0 \rightarrow \eta K^0$	BELLE 실험	Physical Review Letters	Vol.108, 031801	SCI	2012.01
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134	김홍주, 박향규	Measurement of the CP-violation Parameter $\sin 2\phi_1$ with a New Tagging Method at the $Y(5S)$ Resonance	BELLE 실험	Physical Review Letters	Vol.108, 171801	SCI	2012.04
135	김홍주, 박향규	Precise measurement of the CP violation parameter $\sin 2\phi_1$ in $B^0 \rightarrow (c\bar{c}) K^0$ decays	BELLE 실험	Physical Review Letters	Vol.108, 171802	SCI	2012.04
136	김홍주, 박향규	Search for Time-Dependent CPT Violation in Hadronic and Semileptonic B Decays	BELLE 실험	Physical Review D	Vol.85, 071105	SCI	2012.04
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138	김홍주, 박향규	Measurement of $B^0 \rightarrow J/\psi \eta(\prime)$ and Constraint on the $\eta-\eta'$ Mixing Angle	BELLE 실험	Physical Review D	Vol.85, 091102	SCI	2012.05
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141	김홍주, 박향규	Evidence for CP Violation in the Decay $D^+ \rightarrow K^0 S \pi^+$	BELLE 실험	Physical Review Letters	Vol.109, 021601	SCI	2012.07
142	김홍주, 박향규	Measurements of Branching Fractions and Time-dependent CP Violating Asymmetries in $B^0 \rightarrow D(\ast)\pm D^\mp$ Decays	BELLE 실험	Physical Review D	Vol.85, 091106	SCI	2012.05
143	김홍주, 박향규	First Measurement of $\phi_3$ with a Model-independent Dalitz Plot Analysis of $B^\pm \rightarrow DK^\pm, D \rightarrow KS^0 \pi^+ \pi^-$ Decay	BELLE 실험	Physical Review D	Vol.85, 112014	SCI	2012.06
144	김홍주, 박향규	Search for the decay $B^0 \rightarrow DK^\ast 0$ followed by $D \rightarrow K \pi^+$	BELLE 실험	Physical Review D	Vol.86, 011101	SCI	2012.07
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148	김홍주, 박향규	Search for $B \rightarrow \phi\pi$ decays	BELLE 실험	Physical Review D	Vol.86, 031101	SCI	2012.08
149	김홍주, 박향규	First study of $\eta_c$ , $\eta(1760)$ and $X(1835)$ production via $\eta'\pi^+\pi^-$ final states in two-photon collisions	BELLE 실험	Physical Review D	Vol.86, 052002	SCI	2012.09
150	김홍주, 박향규	Search for $B^0$ decays to invisible final states	BELLE 실험	Physical Review D	Vol.86, 032002	SCI	2012.08
151	김홍주, 박향규	First observation of CP violation and improved measurement of the branching fraction and polarization of $B^0 \rightarrow D^{*+}D^{*-}$ decays	BELLE 실험	Physical Review D	Vol.86, 071103	SCI	2012.10
152	김홍주, 박향규	Evidence for $B^- \rightarrow D^+ sK^- \ell^- \nu \ell$ and search for $B^- \rightarrow D^{*+} sK^- \ell^- \nu \ell$	BELLE 실험	Physical Review D	Vol.86, 072007	SCI	2012.10
153	김홍주, 박향규	Evidence for the $\eta_b(2S)$ and observation of $hb(1P) \rightarrow \eta_b(1S) \gamma$ and $hb(2P) \rightarrow \eta_b(1S) \gamma$	BELLE 실험	Physical Review Letters	Vol.109, 232002	SCI	2012.12
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