

# Dmitry Yu Golubkov

## List of Publications by Year in descending order

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Version: 2024-02-01

334  
papers

17,328  
citations

13865

67  
h-index

21540

114  
g-index

336  
all docs

336  
docs citations

336  
times ranked

8562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 021801.	4.7	92
2	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 021801.	7.8	150
3	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
4	Observation of the decay $B \rightarrow J/\psi K$ and evidence for $B \rightarrow J/\psi K$ decays. Physical Review D, 2017, 95, .	4.7	21
5	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
6	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	3.9	26
7	Determination of the muon charge sign with the dipolar spectrometers of the OPERA experiment. Journal of Instrumentation, 2016, 11, P07022-P07022.	1.2	2
8	Observations of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ decays and searches for other $B^0$ and $\bar{B}^0$ decays to $J/\psi$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
9	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
10	Observation of $B^0 \rightarrow (2S) p \bar{K}^+$ and $B^0 \rightarrow J/\psi + \bar{K}^+ p \bar{K}^+$ decays and a measurement of the $B^0$ baryon mixing. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
11	Measurement of the properties of the $\Lambda_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
12	Production of associated Y and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	4.7	37
13	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^0$ with $D \rightarrow K^0 \bar{K}^0 + \bar{K}^0 K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8
14	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	23
15	Measurement of the ratio of branching fractions $\hat{a}_{B_c} \rightarrow B_c + \hat{J} / \hat{K} + \hat{a}_{B_c} \rightarrow B_c + \hat{J}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
16	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
17	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
18	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ decays and the $B^0 \rightarrow K^+ K^-$ differential branching fractions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75

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19	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
20	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
21	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 94, .	4.7	73
22	Study of $B_c^+$ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ \rho^0$ . Physical Review D, 2016, 94, .	4.7	20
23	Violation in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
24	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
25	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow D^+ K^-$ decays with $D^+ \rightarrow K^+ S^0$ and $K^+ S^0$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
26	Search for $B_c^+$ decays to the $p \pi^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	4.1	12
27	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	4.1	14
28	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^+ \pi^-$ decays with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
29	Asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	22
30	Contributions to $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	102
31	Studies of the resonance structure in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 93, .	7.8	110
32	Measurement of the mass and lifetime of the $B_c^+$ baryon. Physical Review D, 2016, 93, .	4.7	20
33	First Observation of $B_c^+$ baryon. Physical Review D, 2016, 93, .	4.7	13
34	Oscillations in $B^0 \rightarrow \pi^+ \pi^-$ decays. Physical Review D, 2016, 93, .	7.8	27
35	First observation of the rare $B^0 \rightarrow D^+ K^-$ decay. Physical Review D, 2016, 93, .	4.7	5
36	Measurement of the $B_s^0 \rightarrow D_s^+ D_s^-$ branching fractions. Physical Review D, 2016, 93, .	4.7	5

#	ARTICLE	IF	CITATIONS
37	Observations on the unitarity triangle angle $\alpha$ from Dalitz plot analysis of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review Letters, 2016, 116, 161802. $\sin^2 \alpha = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha} = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha}$	4.7	13
38	Observation of $B_s \rightarrow D^0 K^0$ and Evidence for $B_s \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2016, 116, 161802. Measurement of the Difference of Time-Integrated $B_s \rightarrow D^0 K^0$ Asymmetries in $B_s \rightarrow D^0 K^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.8	6
39	Search for Violations of Lorentz Invariance and $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2016, 116, 161802. $\sin^2 \alpha = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha} = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha}$	7.8	42
40	Search for Structure in the $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2016, 116, 161802. $\sin^2 \alpha = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha} = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha}$	7.8	31
41	Search for Structure in the $B \rightarrow \pi^0 \pi^0$ Decays. Physical Review Letters, 2016, 117, 152003. $\sin^2 \alpha = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha} = \frac{1 - \cos^2 \alpha}{\sin^2 \alpha}$	4.7	13
42	Study of characteristics of the $\pi^0$ -type cellular electromagnetic calorimeter prototype. Bulletin of the Lebedev Physics Institute, 2016, 43, 295-297.	0.6	1
43	Study of $D^0 \rightarrow \pi^+ \pi^-$ mesons decaying to $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
44	Measurement of forward $W$ and $Z$ boson production in $pp$ collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
45	Study of $\tilde{\chi}^0(2S)$ production and cold nuclear matter effects in $pPb$ collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
46	Model-independent measurement of mixing parameters in $D^0 \rightarrow \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
47	Measurements of prompt charm production cross-sections in $pp$ collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
48	First observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
49	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
50	First observation of the decay $D^0 \rightarrow K^+ K^-$ in the $10^4$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	4.1	13
51	Angular analysis of the $B^0 \rightarrow K^+ K^-$ decay using $3 \text{ fb}^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	304
52	Study of CP violation in $B^0 \rightarrow D^+ D^-$ ( $h=K, \pi$ ) with the modes $D^+ \rightarrow K^+ \pi^0, D^+ \rightarrow \pi^+ \pi^0$ and $D^+ \rightarrow K^+ \pi^0$ . Physical Review D, 2015, 91, .	4.7	14
53	Study of $B \rightarrow \pi^0 \pi^0$ decays. Physical Review D, 2015, 92, .	4.7	6
54	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22

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55	Amplitude analysis of the strangeness-changing weak decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 91, .	7.8	25
56	First observation and amplitude analysis of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 91, .	4.7	50
57	Amplitude analysis of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 91, .	4.7	69
58	Amplitude analysis of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 91, .	4.7	30
59	Amplitude analysis of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 92, .	4.7	80
60	Study of $B \rightarrow W^+ \pi^-$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
61	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \nu_\tau) / B(B_c \rightarrow J/\psi \tau^+ \nu_\tau)$ . Physical Review D, 2015, 92, .	4.7	14
62	Search for the rare decays $B \rightarrow \tau^+ \nu_\tau$ and $B_s \rightarrow \tau^+ \nu_\tau$ . Physical Review D, 2015, 92, .	4.7	8
63	Model-independent confirmation of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review D, 2015, 92, .	7.8	417
64	Measurement of the decay $B \rightarrow \rho^0 \pi^0$ . Physical Review Letters, 2015, 115, 031601.	7.8	30
65	Observation of the $B_s \rightarrow \tau^+ \nu_\tau$ decay. Physical Review Letters, 2015, 115, 051801.	7.8	9
66	Observation of the decay $B \rightarrow J/\psi \pi^0$ . Resonances Consistent with Pentaquark States in $B \rightarrow J/\psi \pi^0$ . Physical Review Letters, 2015, 115, 031601.	7.8	816
67	Observation of the decay $B \rightarrow J/\psi \pi^0$ . Physical Review Letters, 2015, 115, 031601.		

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73	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
74	Search for the $\bar{b} \rightarrow b \gamma$ and $\bar{b} \rightarrow b \gamma^*$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
75	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
76	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ branching fraction and search for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
77	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
78	Measurement of the forward-backward asymmetry in $Z \rightarrow \ell^+ \ell^- + \ell^+ \nu \bar{\nu}$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
79	First observation and measurement of the branching fraction for the decay $B \rightarrow D^* K^{\pm}$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
80	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow D^* \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
81	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
82	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow D^* J/\psi K^{\pm}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
83	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
84	Differential branching fraction and angular analysis of $\bar{b} \rightarrow b \gamma^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
85	Measurement of the time-dependent CP asymmetries in $B \rightarrow D^* K^0$ . Journal of High Energy Physics, 2015, 2015, .	4.7	12
86	Search for the decay $B \rightarrow D^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
87	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
88	Observation of the decay $B \rightarrow D^* K^{\pm}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	4.1	13
89	Angular analysis and differential branching fraction of the decay $B \rightarrow D^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	191
90	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14

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91	Angular analysis of the $B_0 \rightarrow K^* \bar{0} e + e^+$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
92	Determination of the branching fractions of $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ and $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
93	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	3.9	11
94	Observation of the $B_0 \rightarrow \bar{0} \bar{0} \bar{0}$ decay from an amplitude analysis of $B_0 \rightarrow \bar{0} \bar{0} \bar{0}$ ( $\bar{0} + \bar{0} \bar{0}$ ) ( $\bar{0} + \bar{0} \bar{0}$ ) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	4.1	14
95	Measurement of the branching fraction of $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ using the $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ decay. Journal of High Energy Physics, 2015, 2015, 1.	4.1	20
96	Observation of Two New Resonances. Physical Review Letters, 2015, 114, 062004.	7.8	47
97	Measurement of the branching fraction of $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ using the $B \rightarrow S_0 \bar{0} \hat{e} + e^+$ decay. Journal of High Energy Physics, 2015, 2015, 1.	4.1	31
98	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
99	Determination of $\hat{B}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	4.1	13
100	Study of the rare $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ and $B_0 \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ decays into the $\bar{0} + \bar{0} \bar{0} \bar{0}$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	4.1	17
101	Precision Measurement of $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ . Physical Review Letters, 2015, 114, 041801.	7.8	32
102	Measurement of $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132801.	7.8	65
103	Measurement of $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2015, 114, 132801.	7.8	61
104	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	1.5	604
105	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	3.9	44
106	Search for CP violation in $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.1	20
107	Study of $\hat{B}^3$ mixing from measurement of $B \rightarrow S_0 \bar{0} \bar{0} \bar{0}$ ( $\hat{B}^3$ ) decay rates. Journal of High Energy Physics, 2015, 2015, .	4.7	13
108	Measurement of the $Z + b$ -jet cross-section in $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9

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109	Search for the lepton flavour violating decay $\tilde{l}, \hat{\nu} \hat{\nu} \hat{l} \hat{l} + \hat{l} \hat{l} + \hat{l} \hat{l}$ . Journal of High Energy Physics, 2015, 2015.7.		32
110	Precise measurements of the properties of the $B_1(5721)_{0,+}$ and $B_2^*(5747)_{0,+}$ states and observation of $B_{+,0} \rightarrow \tilde{e}^+ \tilde{e}^-$ , mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
111	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \tilde{e}^+ \tilde{e}^-$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	4.7	17
112	Observation of the rare $B_{s0} \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	27.8	390
113	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
114	Measurement of the $\sigma_c(1S) \hat{c}(1S)$ production cross-section in proton-proton collisions via		



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127	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
128	Searches for the decay $D^0 \rightarrow \hat{\mu}^+ \hat{\mu}^-$ at hadron colliders. Physics of Atomic Nuclei, 2014, 77, 211-217.	0.4	0
129	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $\sqrt{\{s_{NN}\}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	74
130	Calibration of the LHCb electromagnetic calorimeter using the technique of neutral pion invariant mass reconstruction. Instruments and Experimental Techniques, 2014, 57, 33-39.	0.5	3
131	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
132	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{S}}^0 \pi^+$ and $K_{\text{S}}^0 K^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
133	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	4.7	11
134	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	4.7	26
135	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^* (892)^0$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
136	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \bar{1}/4 \bar{\nu}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
137	Evidence for the decay $\text{B}_{\text{c}}^+ \rightarrow \text{B}_{\text{c}}^0 \pi^+$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
138	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27
139	Measurement of the $B_c^+$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu$ . European Physical Journal C, 2014, 74, 2839.	3.9	43
140	Measurement of $\psi(2S)$ polarisation in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
141	Measurement of charged particle multiplicities and densities in $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
142	Search for the decay $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	4.1	19
143	Search for CP violation in the decay $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	19
144	Measurement of the charge asymmetry in $D \rightarrow \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12



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163	Model-independent search for CP violation in $B \rightarrow D^0 K^0$ decays. Journal of High Energy Physics, 2013, 726, 623-633.	4.1	22
164	Measurement of the time-dependent CP asymmetry in $B \rightarrow D^0 K^0$ decays. Physics Letters, Section B: Elementary Particle and High Energy Physics, 2013, 721, 74-81.	4.1	12
165	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
166	Study of $B_{(s)}^0 \rightarrow K^0 K^0$ decays with first observation of $B_{(s)}^0 \rightarrow K^0 \pi^0$ and $B_{(s)}^0 \rightarrow K^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, .	4.7	14
168	Measurement of the relative rate of prompt $c \rightarrow c, c \rightarrow c$ and $c \rightarrow c$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
169	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow \bar{p} p$ . Journal of High Energy Physics, 2013, 2013, .	4.7	10
170	Study of D J meson decays to $D^+ \bar{K}^0, D^0 \bar{K}^+$ and $D^+ \bar{K}^+$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
171	First observation of the decay $B_c^+ \rightarrow \psi(3700) K^0$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
172	Searches for $B_{(s)}^0 \rightarrow \psi(3700) \bar{p} p$ and $B^+ \rightarrow \psi(3700) \bar{p} p$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
173	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^0 \pi^+ \pi^-$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
174	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
175	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
176	Observation of $B^0 \rightarrow \bar{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
177	Search for the doubly charmed baryon $\Xi_{cc}^+$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
178	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
179	The calibration of an LHCb electromagnetic calorimeter by recovering the invariant mass of neutral pions. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq1 1 00784314 rgBT /Overlock		
180	The search for $D^0 \rightarrow \pi^+ \pi^-$ decay. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq0 0 0 rgBT /Overlock	0,4	0

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181	Observation of the decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
182	First observation of the decay $B_s^0 \rightarrow \phi \bar{K}^{*0}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
183	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ . Physical Review Letters, 2013, 110, 021801.	7.8	292
184	First Observation of $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$ Violation in the Decays of $B_c^+$ . Physical Review Letters, 2013, 110, 221601.	7.8	105
185	Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
186	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
187	Measurement of the ratio of branching fractions $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Journal of High Energy Physics, 2013, 2013, 1.	2.5	48
188	Measurement of the effective $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Nuclear Physics B, 2013, 871, 1-20.	2.5	228
189	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	228
190	Observation of the suppressed ADS modes $B_c^+ \rightarrow J/\psi K$ . Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
191	Measurements of the $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ and $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
192	Measurements of the $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ and $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Journal of High Energy Physics, 2013, 2013, 1.	4.1	16
193	Search for the rare decay $B_c^+ \rightarrow J/\psi K$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	4.1	38
194	Measurements of the $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ and $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 25-35.	4.1	54
195	Measurements of the $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ and $B(B_c^+ \rightarrow J/\psi K) / B(B_c^+ \rightarrow J/\psi K^*)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 25-35.	4.1	15
196	Search for the rare decay $B_c^+ \rightarrow J/\psi K$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	38
197	Measurement of the differential branching fraction of the decay $B_c^+ \rightarrow J/\psi K$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	35
198	Evidence for the decay $B_c^+ \rightarrow J/\psi K$ and measurement of the relative branching fractions of $B_c^+ \rightarrow J/\psi K$ and $B_c^+ \rightarrow J/\psi K^*$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	2.5	35



#	ARTICLE	IF	CITATIONS
217	Observation of the Decay $B_c \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	7.8	72
218	Search for the decay $B_s \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	4.7	7
219	Measurement of the polarization amplitudes in the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	4.7	7
220	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	7.8	101
221	Measurement of the polarization amplitudes in the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	4.7	7
222	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 87, .	7.8	101
223	Measurement of the polarization amplitudes in the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 111, 101801.	4.7	55
224	Study of $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* K^+ \ell^-$ decays. Physical Review D, 2013, 87, .	4.7	11
225	Measurement of the Asymmetry in $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 031801.	7.8	22
226	Studies of the decays $B \rightarrow D^* \ell^+ \ell^-$ and observation of $B \rightarrow D^* \ell^+ \ell^- (1520) p$ . Physical Review D, 2013, 88, .	4.7	12
227	Observation of a Resonance in $B \rightarrow D^* \ell^+ \ell^-$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	7.8	20
228	Amplitude analysis and branching fraction measurement of $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 151803.	4.7	36
229	Measurement of the polarization amplitudes in the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 031801.	7.8	51
230	First observation of $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2013, 110, 151803.	4.7	20
231	Measurement of the polarization amplitudes in the decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review D, 2013, 88, .	7.8	258
232	Search for Rare $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2013, 88, .	7.8	21
233	Search for $B \rightarrow D^* \ell^+ \ell^-$ oscillation with the OPERA experiment in the CNGS beam. New Journal of Physics, 2012, 14, 033017.	2.9	18
234	First Observation of the Decay $B \rightarrow D^* \ell^+ \ell^-$ . Physical Review Letters, 2012, 108, 251802.	7.8	62

#	ARTICLE	IF	CITATIONS
235	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^* \rho^+ \rho^-$ . Physical Review Letters, 2012, 108, 181806. Measurement of the $B \rightarrow \rho^+ \rho^-$ Lifetime in the $B \rightarrow \rho^+ \rho^-$ Decay	7.8	50
236	Lifetime in the $B \rightarrow \rho^+ \rho^-$ Decay		

#	ARTICLE	IF	CITATIONS
253	Measurement of the $B_{\hat{\pm}}$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
254	Measurements of the branching fractions of the decays $B_{s^0} \rightarrow D_{s^{\pm}} K^{\pm}$ and $B_{s^0} \rightarrow D_{s^{\pm}} \pi^{\pm}$ . Journal of High Energy Physics, 2012, 2012, .	4.7	19
255	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
256	Measurement of the isospin asymmetry in $B \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2012, 2012, 165		
257	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	4.7	56
258	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2012, 2012, 1.	4.7	116
259	Study of $D_{s1}$ decays to $D^+ K_{\text{S}}^0$ and $D^0 K^+$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	4.7	29
260	Measurement of the fraction of $\bar{B}^0(1S)$ originating from $\bar{B}^0(1P)$ decays in pp collisions at $\sqrt{s}=7$ , TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
261	First observation of the decay $B \rightarrow \pi^+ \pi^- + \pi^+ \pi^0$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
262	Evidence for $CP$ Violation in Time-Integrated Rates. Physical Review Letters, 2012, 108, 111602.	7.8	181
263	Measurements of the branching fractions and $CP$ asymmetries of $B_{\hat{\pm}} \rightarrow \pi^{\pm} \pi^0$ and $B_{\hat{\pm}} \rightarrow \pi^{\pm} (2S) \pi^0$ decays. Physical Review D, 2012, 85, .	4.7	20
264	First Evidence of Direct $CP$ Violation in Charmless Two-Body Decays of $B_{\hat{\pm}} \rightarrow s \pi^{\pm}$ . Physical Review Letters, 2012, 108, 261601	7.8	49
265	Measurement of the branching fraction of $B \rightarrow \pi^+ \pi^-$ . Physical Review Letters, 2012, 108, 261601		



#	ARTICLE	IF	CITATIONS
271	Measurement of the CP-violating phase $\arg(\rho_{12})$ in the $B \rightarrow \pi\pi$ decays Measurement of the cross-section ratio $R_{\pi\pi}$	4.1	33
272	Measurement of the CP-violating phase $\arg(\rho_{12})$ in the $B \rightarrow \pi\pi$ decays Measurement of the cross-section ratio $R_{\pi\pi}$		

#	ARTICLE	IF	CITATIONS
289	Observation of CP violation in $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	75
290	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	3.9	30
291	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	153
292	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
293	Measurement of $\bar{\Lambda}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
294	Search for $C \rightarrow P$ violation in $B \rightarrow D^* \pi$ decays. Physical Review D, 2011, 84, .	4.7	20
295	Preservation of the HERA-B Collaboration heritage. Journal of Physics: Conference Series, 2011, 331, 042018.	0.4	1
296	Measurement of the inclusive $\bar{\Lambda}^0$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	20
297	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	15
298	Measurement of $J/\psi$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238
299	Measurement of $V_0$ production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	18
300	First observation of $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	29
301	Search for the rare decays $B \rightarrow D^* \pi$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	60
302	Study of neutrino interactions with the electronic detectors of the OPERA experiment. New Journal of Physics, 2011, 13, 053051.	2.9	44
303	Measurements of the branching fractions for $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 330-340.	4.1	29
304	Determination of $B \rightarrow D^* \pi$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	60
305	Collisions and Measurement of the $p$ charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	7.8	28
306	Measurement of the atmospheric muon charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	3.9	26

#	ARTICLE	IF	CITATIONS
307	Observation of a first candidate event in the OPERA experiment in the CNGS beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 779, 1-4.	4.1	173
308	$K_S^0$ production in pp collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 779, 5-8.	4.1	26
309	Production of the charmonium states $J/\psi$ and $\psi(2S)$ in proton-nucleus collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 779, 9-12.	4.1	115
310	Production of the charmonium states $J/\psi$ and $\psi(2S)$ in proton-nucleus collisions at $\sqrt{s} = 0.9$ TeV. Physical Review D, 2009, 79, 1-4.	4.1	21
311	The OPERA experiment in the CERN to Gran Sasso neutrino beam. Journal of Instrumentation, 2009, 4, P04018-P04018.	1.2	195
312	The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment. Journal of Instrumentation, 2009, 4, P06020-P06020.	1.2	41
313	Angular distributions of leptons from $J/\psi$ produced in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	3.9	32
314	Kinematic distributions and nuclear effects of $J/\psi$ production in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	3.9	64
315	$\Lambda(1520)$ production in p+A collisions at $\sqrt{s} = 41.6$ GeV. European Physical Journal C, 2009, 61, 207-221.	3.9	3
316	Study of the effects induced by lead on the emulsion films of the OPERA experiment. Journal of Instrumentation, 2008, 3, P07002-P07002.	1.2	11
317	Emulsion sheet doublets as interface trackers for the OPERA experiment. Journal of Instrumentation, 2008, 3, P07005-P07005.	1.2	30
318	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 103-110.	4.1	3
319	A Measurement of the $\bar{\nu}_e$ to $J/\psi$ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	3.9	43
320	$K^0$ and $\bar{K}^0$ meson production in proton-nucleus interactions at $\sqrt{s} = 41.6$ GeV. European Physical Journal C, 2007, 50, 315-328.	3.9	28
321	Study of the jet shape at 920 GeV/c in proton-nucleus interactions with HERA-B detector. European Physical Journal C, 2007, 51, 25-35.	3.9	2
322	Measurement of $D^0$ , $D^+$ , $D_s^+$ and $D^{*+}$ production in fixed target 920 GeV proton-nucleus collisions. European Physical Journal C, 2007, 52, 531-542.	3.9	33
323	Luminosity determination at HERA-B. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 401-412.	1.6	3
324	Measurement of the $\bar{\nu}_e$ to $J/\psi$ production ratio in 920 GeV proton-nucleus interactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 401-412.	4.1	20

#	ARTICLE	IF	CITATIONS
325	Measurement of the $\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	4.1	7
326	Polarization of $\bar{b}$ and $\bar{c}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	4.1	20
327	Improved measurement of the $\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73, .	4.7	14
328	Charm, beauty and charmonium production at HERA-B. European Physical Journal C, 2005, 43, 179-186.	3.9	28
329	Limits for the Central Production of $\bar{b}$ and $\bar{c}$ -Pentaquarks in 920-GeV pA Collisions. Physical Review Letters, 2004, 93, 212003.	7.8	70
330	Search for the flavor-changing neutral current decay $\bar{b} \rightarrow \bar{c} s \gamma$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	4.1	7
331	Measurement of the $\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2003, 26, 345-355.	3.9	23
332	Inclusive V production cross sections from 920 GeV fixed target proton-nucleus collisions. European Physical Journal C, 2003, 29, 181-190.	3.9	15
333	Contribution of the hadronic component of a virtual photon to the structure function for charm lepton production at high x and Q <sup>2</sup> . Physics of Atomic Nuclei, 2003, 66, 323-333.	0.4	0
334	$\bar{b}$ production via $\bar{b} \rightarrow \bar{c} s \gamma$ decays in 920 GeV pA interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	4.1	29