

Sunghyon Kyeong

List of Publications by Year in descending order

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119
papers

4,001
citations

126907

33
h-index

128289

60
g-index

122
all docs

122
docs citations

122
times ranked

5556
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the Differential Branching Fraction and Forward-Backward Asymmetry for $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, 114001. $\frac{d\mathcal{B}}{dq^2} \frac{d\mathcal{A}_{FB}}{dq^2} \frac{d\mathcal{A}_{FB}^{\ell^+ \ell^-}}{dq^2}$	7.8	321
2	Search for lepton-flavor-violating \tilde{L}_i decays into three leptons with 719 million produced \tilde{L}_i pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 139-143.	4.4	103
3	Observation of a Near-Threshold Enhancement in the $B \rightarrow e^+ e^- \mu^+ \mu^-$ Section Using Initial-State Radiation. Physical Review Letters, 2008, 101, 172001.	7.8	235
4	High-statistics study of the $B \rightarrow \tilde{L}_i \ell^+ \ell^-$ decays. Physical Review D, 2008, 78, .	4.7	152
5	Measurement of azimuthal asymmetries in inclusive production of hadron pairs in $e^+ e^-$ annihilation at $\sqrt{s} = 10.58$ GeV. Physical Review D, 2008, 78, .	4.7	148
6	Dalitz analysis of $B \rightarrow K^* \ell^+ \ell^-$ and the $B \rightarrow Z^* \ell^+ \ell^-$ decays. Physical Review D, 2008, 78, .	4.7	125
7	Observation of a Charmoniumlike Enhancement in the $B \rightarrow \tilde{L}_i \ell^+ \ell^-$ decays. Physical Review D, 2008, 78, .	7.8	124
8	Evidence for a New Resonance and Search for the $B \rightarrow Y \ell^+ \ell^-$ decays. Physical Review D, 2008, 78, .	7.8	122
9	Observation of $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	4.7	80
10	Measurement of Inclusive Radiative $B \rightarrow \gamma$ -Meson Decays with a Photon Energy Threshold of 1.7 GeV. Physical Review Letters, 2009, 103, 241801.	7.8	88
11	Evidence for direct CP violation in the decay $B \rightarrow D^* K_{S1}^0 \ell^+ \ell^-$ and measurement of the CKM phase $\arg(V_{cb} V_{cs}^*)$. Physical Review D, 2010, 81, .	4.7	82
12	Observation of the $B \rightarrow \tilde{L}_i \ell^+ \ell^-$ decays. Physical Review D, 2010, 81, .	4.7	80
13	determination of $B \rightarrow \tilde{L}_i \ell^+ \ell^-$ decays. Physical Review D, 2011, 83, .	4.7	72
14	High-statistics measurement of neutral-pion pair production in two-photon collisions. Physical Review D, 2008, 78, .	4.7	71
15	Measurement of the $B \rightarrow e^+ e^- \mu^+ \mu^-$ section using initial-state radiation. Physical Review D, 2009, 80, .	4.7	71
16	High-statistics study of $B \rightarrow \tilde{L}_i \ell^+ \ell^-$ production in two-photon collisions. Physical Review D, 2009, 80, .	4.7	71
17	Observation of an enhancement in $B \rightarrow e^+ e^- \mu^+ \mu^-$ decays. Physical Review D, 2010, 82, .	4.7	71
18	Effectiveness of self-training using the mobile-based virtual reality program in patients with social anxiety disorder. Computers in Human Behavior, 2017, 73, 614-619.	8.5	61

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19	Evidence for a CP asymmetry in Cabibbo-suppressed $B \rightarrow \bar{D}^0 \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 709, 107-110.	4.1	59
20	Measurement of the form factors of the decay $B \rightarrow \bar{D}^0 \pi^0$ and determination of the CKM matrix element $ V_{cb} $. Physical Review D, 2010, 82, 073004.	4.1	56
21	Precise measurement of hadronic $B \rightarrow \bar{D}^0 \pi^0$ decays with an \hat{D}^0 meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 209-218.	4.1	46
22	Measurement of the form factors of the decay $B \rightarrow \bar{D}^0 \pi^0$ and determination of the CKM matrix element $ V_{cb} $. Physical Review D, 2010, 82, 073004.	4.7	51
23	Precise measurement of hadronic $B \rightarrow \bar{D}^0 \pi^0$ decays with an \hat{D}^0 meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 209-218.	4.1	46
24	Measurement of the Decay $B_s \rightarrow D_s \pi^0$ and Evidence for $B_s \rightarrow D_s \pi^0$ Annihilation at $\sqrt{s} = 10.87 \pm 0.04$ GeV. Physical Review Letters, 2009, 102, 021801.	7.8	42
25	Subtypes of breast cancer show different spatial distributions of brain metastases. PLoS ONE, 2017, 12, e0188542.	2.5	42
26	Search for CP Violation in the Decays $D(s) \rightarrow \bar{K}^0 \pi^0$ and $D(s) \rightarrow \bar{K}^0 K^0$. Physical Review Letters, 2010, 104, 181602.	7.8	40
27	Resting-state fMRI reveals network disintegration during delirium. NeuroImage: Clinical, 2018, 20, 35-41.	2.7	40
28	Search for lepton-number-violating $B \rightarrow \bar{D}^0 \pi^0$, $B \rightarrow \bar{D}^0 \pi^+$, $B \rightarrow \bar{D}^0 \pi^-$ decays. Physical Review D, 2011, 84, .	4.7	36
29	Measurement of $B \rightarrow \bar{D}^0 \pi^0$ violating asymmetries in $B \rightarrow \bar{D}^0 \pi^0$ decays. Physical Review D, 2010, 82, 073004.	4.7	35
30	Search for CP violation in the decays $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$. Physical Review Letters, 2011, 107, 121801.	7.8	35
31	Effects of gratitude meditation on neural network functional connectivity and brain-heart coupling. Scientific Reports, 2017, 7, 5058.	3.3	34
32	Measurement of $B \rightarrow \bar{D}^0 \pi^0$ violating asymmetries in $B \rightarrow \bar{D}^0 \pi^0$ decays. Physical Review D, 2010, 82, 073004.	7.8	33
33	Measurement of $B \rightarrow \bar{D}^0 \pi^0$ violating asymmetries in $B \rightarrow \bar{D}^0 \pi^0$ decays. Physical Review D, 2010, 82, 073004.	7.8	33
34	Measurement of $B \rightarrow \bar{D}^0 \pi^0$ violating asymmetries in $B \rightarrow \bar{D}^0 \pi^0$ decays. Physical Review D, 2010, 82, 073004.	7.8	33

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37	Development of an effective virtual environment in eliciting craving in adolescents and young adults with internet gaming disorder. PLoS ONE, 2018, 13, e0195677.	2.5	28
38	Search for a Low Mass Particle Decaying into $\frac{1}{4} + \frac{1}{4}$ in $B^0 \rightarrow K^* \bar{0} X$ and $B^0 \rightarrow \bar{1}^0 X$ at Belle. Physical Review Letters, 2010, 105, 091801.	7.8	26
39	Measurement of the branching fractions and the invariant mass distributions for $\bar{1}, \bar{2} \rightarrow \bar{1}^0 + h + h \rightarrow \frac{1}{2} \bar{1},$ decays. Physical Review D, 2010, 81, .	4.7	26
40	Neural responses to affective and cognitive theory of mind in children and adolescents with autism spectrum disorder. Neuroscience Letters, 2016, 621, 117-125.	2.1	26
41	Measurement of $\bar{1}(5S)$ decays to B^0 and B^+ mesons. Physical Review D, 2010, 81, .	4.7	24
42	Functional network organizations of two contrasting temperament groups in dimensions of novelty seeking and harm avoidance. Brain Research, 2014, 1575, 33-44.	2.2	24
43	Structural and functional improvements due to robot-assisted gait training in the stroke-injured brain. Neuroscience Letters, 2017, 637, 114-119.	2.1	23
44	A New Approach to Investigate the Association between Brain Functional Connectivity and Disease Characteristics of Attention-Deficit/Hyperactivity Disorder: Topological Neuroimaging Data Analysis. PLoS ONE, 2015, 10, e0137296.	2.5	22
45	A personality trait contributes to the occurrence of postoperative delirium: a prospective study. BMC Psychiatry, 2016, 16, 371.	2.6	21
46	Functional connectivity of the circadian clock and neural substrates of sleep-wake disturbance in delirium. Psychiatry Research - Neuroimaging, 2017, 264, 10-12.	1.8	21
47	Cortical and subcortical changes in resting-state functional connectivity before and during an episode of postoperative delirium. Australian and New Zealand Journal of Psychiatry, 2019, 53, 794-806.	2.3	21
48	Measurement of $\bar{1} \rightarrow \bar{1}$ production in two-photon collisions. Physical Review D, 2010, 82, .	4.7	20
49	Discovering hot topics using Twitter streaming data. , 2013, , .		20
50	Measurement of Branching Fractions, Isospin, and CP-Violating Asymmetries for Exclusive $\bar{1} \rightarrow d \bar{1}^3$ Modes. Physical Review Letters, 2008, 101, 111801.	7.8	19
51	Measurement of CP in D^0 meson decays to the $K^0 K^+ K^+$ final state. Physical Review D, 2009, 80, .	4.7	19
52	Observation of $B^0 \rightarrow \bar{1} \bar{1}^0$ and $B^0 \rightarrow \bar{1} \bar{1}^+ K^0$ at Belle. Physical Review D, 2009, 79, .	4.7	19
53	Combined rTMS to the auditory cortex and prefrontal cortex for tinnitus control in patients with depression: a pilot study. Acta Oto-Laryngologica, 2013, 133, 600-606.	0.9	19
54	Measurement of the Time-Dependent CP Asymmetries in $B^0 \rightarrow K^0 \bar{1}^3$ Decays. Physical Review Letters, 2008, 101, 251601.	7.8	18

#	ARTICLE	IF	CITATIONS
55	Observation of $B_c \rightarrow B_s \gamma$ decays. Physical Measurement of C and P asymmetries in $B_c \rightarrow B_s \gamma$ decays. Physical Review D, 2010, 81, .	7.8	18
56	Neural predisposing factors of postoperative delirium in elderly patients with femoral neck fracture. Scientific Reports, 2018, 8, 7602.	4.7	17
57	Search for $B_c \rightarrow B_s \gamma$ decays. Physical Review D, 2010, 81, .	3.3	17
58	What is the impact of child abuse on gray matter abnormalities in individuals with major depressive disorder: a case control study. BMC Psychiatry, 2016, 16, 397.	2.6	16
59	Search for $B_c \rightarrow B_s \gamma$ decays at Belle. Physical Review D, 2008, 78, .	4.7	15
60	Observation of $B_c \rightarrow D_s^* \gamma$ and $D_s^* \rightarrow D_s \gamma$ Collisions and a Determination of the $B_c \rightarrow D_s^* \gamma$ Width Difference. Physical Review Letters, 2010, 105, 201802.	7.8	15
61	Search for $B_c \rightarrow B_s \gamma$ decays at the $\Upsilon(5S)$ resonance. Physical Review D, 2010, 82, .	4.7	15
62	Search for lepton flavor violating $B_c \rightarrow B_s \gamma$ decays into $B_c \rightarrow B_s \gamma$ decays. Physical Review D, 2008, 78, .	4.1	14
63	Novel subgroups of attention-deficit/hyperactivity disorder identified by topological data analysis and their functional network modular organizations. PLoS ONE, 2017, 12, e0182603.	2.5	14
64	Search for $B_c \rightarrow B_s \gamma$ decays. Physical Review D, 2008, 78, .	4.7	13
65	Search for lepton-flavor-violating $B_c \rightarrow B_s \gamma$ decay into a lepton and an $B_c \rightarrow B_s \gamma$ decay. Particle and High-Energy Physics, 2009, 672, 317-322.	4.1	13
66	Search for lepton flavor and lepton number violating $B_c \rightarrow B_s \gamma$ decays into a lepton and two charged mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 355-362.	4.1	13
67	Search for CP Violation in the Decays $D^0 \rightarrow K^0 \pi^0$. Physical Review Letters, 2011, 106, 211801.	7.8	13
68	Measurement of $B_c \rightarrow B_s \gamma$ and search for $B_c \rightarrow B_s \gamma$ decays. Physical Review D, 2008, 78, .	4.7	12
69	Observation of the Doubly Cabibbo-Suppressed Decay $B_c \rightarrow B_s \gamma$. Physical Review Letters, 2009, 102, 221802.	7.8	11
70	Can the integrity of the corticospinal tract predict the long-term motor outcome in poststroke hemiplegic patients?. NeuroReport, 2018, 29, 453-458.	1.2	11
71	Differences in Brain Areas Affecting Language Function After Stroke. Stroke, 2019, 50, 2956-2959.	2.0	11

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73	Happier People Show Greater Neural Connectivity during Negative Self-Referential Processing. PLoS ONE, 2016, 11, e0149554.	2.5	11
74	Measurement of $B \rightarrow D^* \bar{K}^0$ branching fractions. Physical Review D, 2009, 80, .	4.7	10
75	Measurements of charmless hadronic $B \rightarrow D^* \bar{K}^0$ final state and first observation of $B \rightarrow D^* \bar{K}^0$. Physical Review D, 2009, 80, .	4.7	10
76	Measurements of branching fractions for $B \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0$. Physical Review D, 2010, 82, .	4.7	10
77	Measurements of time-dependent $C \rightarrow P$ asymmetries in $C \rightarrow P$ decays using a partial reconstruction technique. Physical Review D, 2011, 84, .	4.7	10
78	Brain mapping for long-term recovery of gait after supratentorial stroke. Medicine (United States), 2018, 97, e0453.	1.0	10
79	Disrupted salience processing involved in motivational deficits for real-life activities in patients with schizophrenia. Schizophrenia Research, 2018, 197, 407-413.	2.0	10
80	Neural effects of a short-term virtual reality self-training program to reduce social anxiety. Psychological Medicine, 2022, 52, 1296-1305.	4.5	10
81	Differences in the modulation of functional connectivity by self-talk tasks between people with low and high life satisfaction. NeuroImage, 2020, 217, 116929.	4.2	10
82	Gait pattern analysis and clinical subgroup identification: a retrospective observational study. Medicine (United States), 2020, 99, e19555.	1.0	10
83	Evidence for Neutral B Meson Decays to K^*0 . Physical Review Letters, 2008, 101, 231801.	7.8	9
84	Measurement of the branching fraction for the decay $B \rightarrow D^* \bar{K}^0$. Physical Review D, 2009, 80, .	4.7	9
85	Neural Correlates of Distorted Self-concept in Individuals With Internet Gaming Disorder: A Functional MRI Study. Frontiers in Psychiatry, 2018, 9, 330.	2.6	9
86	Structural and functional connectivity correlates with motor impairment in chronic supratentorial stroke. NeuroReport, 2019, 30, 526-531.	1.2	9
87	Observation of $B \rightarrow D^* \bar{K}^0$ at Belle. Physical Review D, 2009, 80, .	4.7	8
88	Measurement of $D \rightarrow K^0 K^+$ and $D_s \rightarrow K^0 K^+$ branching ratios. Physical Review D, 2009, 80, .	4.7	8
89	Search for the $X(1812)$ in $B \rightarrow K^* \bar{K}^0$. Physical Review D, 2009, 79, .	4.7	8
90	Choice of Leisure Activities by Adolescents and Adults With Internet Gaming Disorder: Development and Feasibility Study of a Virtual Reality Program. JMIR Serious Games, 2020, 8, e18473.	3.1	8

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91	Measurement of cross sections of exclusive π^0 production in $B \rightarrow \pi^0 \ell^+ \ell^-$ decays. Physical Review D, 2010, 82, .	4.1	7
92	Search for $B \rightarrow \pi^0 \ell^+ \ell^-$ decays at Belle. Physical Review D, 2010, 82, .	4.7	7
93	Evidence for $B \rightarrow \pi^0 \ell^+ \ell^-$ decays at Belle. Physical Review D, 2010, 81, .	4.7	7
94	Neural Basis of Professional Pride in the Reaction to Uniform Wear. Frontiers in Human Neuroscience, 2019, 13, 253.	2.0	7
95	Brain network characteristics separating individuals at clinical high risk for psychosis into normality or psychosis. Schizophrenia Research, 2017, 190, 107-114.	2.0	6
96	Can System Log Data Enhance the Performance of Credit Scoring? Evidence from an Internet Bank in Korea. Sustainability, 2022, 14, 130.	3.2	6
97	Evidence for $B \rightarrow \pi^0 \ell^+ \ell^-$ decays at Belle. Physical Review D, 2008, 78, .	4.7	5
98	Evidence of time-dependent $B \rightarrow \pi^0 \ell^+ \ell^-$ violation in the decay $B \rightarrow \pi^0 \ell^+ \ell^-$. Physical Review D, 2009, 80, .	4.7	5
99	First Measurement of Inclusive $B \rightarrow \pi^0 \ell^+ \ell^-$ Decays. Physical Review Letters, 2010, 105, 191803.	7.8	5
100	Measurement of the branching fractions for $B \rightarrow \pi^0 \ell^+ \ell^-$ and $B \rightarrow \pi^0 \ell^+ \ell^-$ decays. Physical Review D, 2010, 81, .	4.7	5
101	The pulvinar nucleus is associated with the presence of dysarthria in patients with basal ganglia hemorrhage. Neuroscience Letters, 2017, 655, 131-136.	2.1	4
102	Bilateral hemispheric changes and language outcomes in chronic left hemisphere stroke. NeuroReport, 2018, 29, 30-35.	1.2	4
103	Brain mapping of motor and functional recovery after supratentorial stroke. NeuroReport, 2018, 29, 1217-1222.	1.2	4
104	The effects of positive or negative self-talk on the alteration of brain functional connectivity by performing cognitive tasks. Scientific Reports, 2021, 11, 14873.	3.3	4
105	Altered structural connectivity associated with motor improvement in chronic supratentorial ischemic stroke. NeuroReport, 2019, 30, 688-693.	1.2	3
106	Observation of $B \rightarrow \pi^0 \ell^+ \ell^-$ and search for direct CP violation. Physical Review D, 2008, 78, .	4.7	2
107	Usefulness of voxel-based lesion mapping for predicting motor recovery in subjects with basal ganglia hemorrhage. Medicine (United States), 2016, 95, e3838.	1.0	2
108	Bihemispheric changes associated with cognition in patients with chronic brainstem stroke. NeuroReport, 2019, 30, 1278-1283.	1.2	2

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109	Characterization of idiopathic Parkinson's disease subgroups using quantitative gait analysis and corresponding subregional striatal uptake visualized using 18F-FP-CIT positron emission tomography. <i>Gait and Posture</i> , 2020, 82, 167-173.	1.4	2
110	Lesion-based structural and functional networks in patients with step length asymmetry after stroke. <i>NeuroRehabilitation</i> , 2021, 48, 133-138.	1.3	2
111	PS177. Gray matter abnormalities in individuals with major depressive disorder: a focus on the effects of childhood abuse. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, 64-64.	2.1	1
112	Different neural substrates at first impressions of same-sex and opposite-sex faces in women. <i>Neuroscience Letters</i> , 2019, 709, 134389.	2.1	1
113	Multimodal magnetic resonance imaging correlates of motor outcome after stroke using machine learning. <i>Neuroscience Letters</i> , 2021, 741, 135451.	2.1	1
114	Neural Basis of Ambivalence towards Ideal Self-Image in Schizophrenia. <i>Psychiatry Investigation</i> , 2020, 17, 452-459.	1.6	1
115	A System for Concurrent TMS-fMRI and Evaluation of Imaging Effects. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2013, 17, 169.	0.1	0
116	Characteristics of Ambivalence of Self-image in Patients with Schizophrenia. <i>Korean Journal of Schizophrenia Research</i> , 2016, 19, 5.	0.3	0
117	Reliable new measures capturing low-frequency fluctuations from resting-state functional MRI. <i>NeuroReport</i> , 2018, 29, 197-202.	1.2	0
118	Neural basis of romantic partners' decisions about participation in leisure activity. <i>Scientific Reports</i> , 2019, 9, 14448.	3.3	0
119	Structural Integrity and Functional Neural Activity Associated with Oral Language Function after Stroke. <i>Journal of Clinical Medicine</i> , 2022, 11, 3028.	2.4	0