

Martin Jung

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,571
citations

304743

22
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1380
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Sensitivity to charged scalars in $B \rightarrow D^{(*)} \ell \ell'$, $B \rightarrow D^{(*)} \ell \ell'$, and $B \rightarrow D^{(*)} \ell \ell'$ decays. Journal of High Energy Physics, 2013, 2013, 1. | | 200 |
| 2 | Scalar contributions to $b \rightarrow c(u) \ell \ell'$ transitions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 168-179. | 4.1 | 146 |
| 3 | Electric dipole moments in two-Higgs-doublet models. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 137 |
| 4 | Charged-Higgs phenomenology in the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2010, 2010, 1. | 4.7 | 119 |
| 5 | Family nonuniversal $Z \rightarrow e^2$ models with protected flavor-changing interactions. Physical Review D, 2015, 92, . | 4.7 | 112 |
| 6 | Global fit to $b \rightarrow c \ell \ell'$ transitions. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 95 |
| 7 | Constraining new physics in $b \rightarrow c \ell \ell'$ transitions. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 80 |
| 8 | Theory determination of $B \rightarrow D^{(*)} \ell \ell'$ form factors at $\mathcal{O}(1/m_c^2)$. European Physical Journal C, 2020, 80, 1. | 3.9 | 73 |
| 9 | Patterns of flavour violation in models with vector-like quarks. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 64 |
| 10 | $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:mo mathvariant="bold" stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mo mathvariant="bold"} \rangle T_j \text{ETQq0 0 0 rgBT /Overlock 10.7f 50 370d} \langle \text{stretchy="false"} \rangle$ | | |
| 11 | Review D, 2013, 87, . Heavy-Quark expansion for $B \rightarrow D^{(*)} \ell \ell'$ form factors and unitarity bounds beyond the $SU(3)_F$ limit. European Physical Journal C, 2020, 80, 1. | 3.9 | 47 |
| 12 | Exclusive radiative B-meson decays within the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 41 |
| 13 | The golden modes $B \rightarrow D^{(*)} \ell \ell'$ in the era of precision flavor physics. Physical Review D, 2009, 79, . | 4.7 | 38 |
| 14 | Yukawa enhancement of Z-mediated new physics in $\hat{S} = 2$ and $\hat{B} = 2$ processes. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 37 |
| 15 | Lepton-flavour non-universality of $B \rightarrow D^{(*)} \ell \ell'$ angular distributions in and beyond the Standard Model. European Physical Journal C, 2021, 81, 1. | 3.9 | 32 |
| 16 | Model-independent determinations of the electron EDM and the role of diamagnetic atoms. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 31 |
| 17 | A robust limit for the electric dipole moment of the electron. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 28 |
| 18 | Sequential flavor symmetry breaking. Physical Review D, 2009, 80, . | 4.7 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The $B \rightarrow K \pi$ and $B \rightarrow K \pi$ distributions at low hadronic recoil. Journal of High Energy Physics, 2014, 1. | 4.7 | 26 |
| 20 | Determining weak phases from $B \rightarrow K \pi$ decays. Physical Review D, 2012, 86, . | 4.7 | 24 |
| 21 | Signatures of a nonstandard Higgs boson from flavor physics. Physical Review D, 2015, 92, . | 4.7 | 24 |
| 22 | A puzzle in $B \rightarrow D \pi$ decays and extraction of the f_{D^*} fragmentation fraction. European Physical Journal C, 2020, 80, 1. | 3.9 | 24 |
| 23 | Is there a non-Standard-Model contribution in non-leptonic $B \rightarrow K \pi$ decays?. Journal of High Energy Physics, 2008, 2008, 066-066. | 4.7 | 19 |
| 24 | and $B \rightarrow K \pi$ asymmetry within the aligned two-Higgs-doublet model. Physical Review D, 2011, 83, . | 4.7 | 19 |
| 25 | $B \rightarrow D^* \pi$ decays in two-Higgs-doublet models. Journal of Physics: Conference Series, 2013, 447, 012058. | 0.4 | 16 |
| 26 | Branching ratio measurements and isospin violation in B -meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 187-190. | 4.1 | 15 |
| 27 | General analysis of $B \rightarrow K \pi$ -spin breaking in $B \rightarrow K \pi$ decays. Physical Review D, 2009, 80, . | 4.7 | 14 |
| 28 | Standard model predictions and new physics sensitivity in $B \rightarrow D^* D$ decays. Physical Review D, 2015, 91, . | 4.7 | 12 |
| 29 | Analytic inclusion of the scale dependence of the anomalous dimension matrix in Standard Model Effective Theory. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 7 |
| 30 | $B \rightarrow K \pi$ -odd interactions in atomic $B \rightarrow K \pi$ and phenomenological applications. Physical Review A, 2021, 103, . | 2.5 | 5 |