

Michael J Baker

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

363
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3001
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | High- p_T signatures in vector-like leptoquark models. <i>European Physical Journal C</i> , 2019, 79, 1. | 3.9 | 75 |
| 2 | Filtered Dark Matter at a First Order Phase Transition. <i>Physical Review Letters</i> , 2020, 125, 151102. | 7.8 | 52 |
| 3 | Dynamic freeze-in: impact of thermal masses and cosmological phase transitions on dark matter production. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. | 4.7 | 44 |
| 4 | Dark Matter Decay between Phase Transitions at the Weak Scale. <i>Physical Review Letters</i> , 2017, 119, 061801. | 7.8 | 41 |
| 5 | The coannihilation codex. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-86. | 4.7 | 32 |
| 6 | Radiative muon mass models and $(g \hat{=} 2)^{1/4}$. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 23 |
| 7 | Leptonic WIMP coannihilation and the current dark matter search strategy. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. | 4.7 | 21 |
| 8 | Variations on the vev flip-flop: instantaneous freeze-out and decaying dark matter. <i>Journal of High Energy Physics</i> , 2019, 2019, 1. | 4.7 | 17 |
| 9 | MASS HIERARCHY, MIXING, CP-VIOLATION AND HIGGS DECAY “ OR WHY ROTATION IS GOOD FOR US. <i>International Journal of Modern Physics A</i> , 2011, 26, 2087-2124. | 1.5 | 14 |
| 10 | DEVELOPING THE FRAMED STANDARD MODEL. <i>International Journal of Modern Physics A</i> , 2012, 27, 1250087. | 1.5 | 10 |
| 11 | Has the origin of the third-family fermion masses been determined?. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 10 |
| 12 | Collider signatures of coannihilating dark matter in light of the B-physics anomalies. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 10 |
| 13 | The rotating mass matrix, the strong CP problem and Higgs decay. <i>European Physical Journal C</i> , 2010, 70, 1009-1015. | 3.9 | 6 |
| 14 | On the corner elements of the CKM and PMNS matrices. <i>Europhysics Letters</i> , 2013, 102, 41001. | 2.0 | 6 |
| 15 | A COMPREHENSIVE MECHANISM REPRODUCING THE MASS AND MIXING PARAMETERS OF QUARKS AND LEPTONS. <i>International Journal of Modern Physics A</i> , 2013, 28, 1350070. | 1.5 | 2 |