

# Soumitra Nandi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/749716/publications.pdf>

Version: 2024-02-01

27  
papers

830  
citations

516710

16  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

711  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Extraction of $ V_{cb} $ from $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ and the Standard Model predictions of $R(D^{(*)})$ . Journal of High Energy Physics, 2017, 2017, 1.   | 4.7 | 161       |
| 2  | Precision Determination of the Cabibbo-Kobayashi-Maskawa Element $ V_{cb} $ . Physical Review Letters, 2015, 114, 061802.   | 7.8 | 129       |
| 3  | Looking for possible new physics in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ , in light of recent data. Physical Review D, 2017, 95, .   | 4.7 | 48        |
| 4  | Optimal-observable analysis of possible new physics in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ . Physical Review D, 2016, 93, .   | 4.7 | 46        |
| 5  | Perturbative corrections to power suppressed effects in semileptonic B decays. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 44        |
| 6  | $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ Decays: a catalogue to compare, constrain, and correlate new physics effects. European Physical Journal C, 2019, 79, 1.   | 3.9 | 44        |
| 7  | Next-to-leading-order corrections to exclusive processes in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ factorization. Correlating the anomalous results in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ . Physical Review D, 2019, 100, . | 4.7 | 40        |
| 8  | Correlating the anomalous results in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays with inert Higgs doublet dark matter and the muon $g-2$ . Physical Review D, 2019, 100, .   | 4.7 | 40        |
| 9  | Kinetic operator effects in at. Nuclear Physics B, 2013, 870, 16-29.  | 2.5 | 32        |
| 10 | Updates on extraction of $ V_{cb} $ and SM prediction of $R(D^{(*)})$ in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 29        |
| 11 | Exhaustive model selection in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays: Pitting cross-validation against the Akaike information criterion. Physical Review D, 2020, 101, .  | 4.7 | 25        |
| 12 | $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays and R-parity violating supersymmetry. Physical Review D, 2006, 74, .   | 4.7 | 23        |
| 13 | Possibility of large lifetime differences in neutral $B$ meson systems. Physical Review D, 2007, 76, .  | 4.7 | 23        |
| 14 | New physics in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays with complex Wilson coefficients. Nuclear Physics B, 2021, 969, 115479.   | 2.5 | 20        |
| 15 | Low scale $U(1)_X$ gauge symmetry as an origin of dark matter, neutrino mass and flavour anomalies. Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 20        |
| 16 | Power suppressed effects in at. Nuclear Physics B, 2010, 830, 278-290.  | 2.5 | 19        |
| 17 | Correlated enhancements in $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ decays with two R-parity violating couplings. Nuclear Physics B, 2010, 831, 344-357.   | 2.5 | 13        |
| 18 | A closer look at the extraction of $ V_{ub} $ from $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ . Journal of High Energy Physics, 2021, 2021, 1.   | 4.7 | 13        |

| #  | ARTICLE  | IF | CITATIONS |
|----|--|----|-----------|
| 19 | <a href="#">Unified resolution of the</a> <code>&lt;mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;R&lt;/mml:mi&gt;&lt;mml:mo stretchy="false"&gt;(&lt;/mml:mo&gt;&lt;mml:mi&gt;D&lt;/mml:mi&gt;&lt;mml:mo&gt;Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (stretchy="false"&gt;</code><br><code>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mi&gt;R&lt;/mml:mi&gt;&lt;mml:mo</code> |    |           |