Sushant K Raut

List of Publications by Year
in descending order

26	477	759233	713466
papers	citations	12 h-index	21 g-index

26	26	26	317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing muonic charged current nonstandard interactions at decay-at-rest facilities in conjunction with T2HK. Physical Review D, 2020, 101, .	4.7	7
2	Implications of Î´CP = â˜'90â˜ towards determining hierarchy and octant at T2K and T2K-II. Modern Physics Letters A, 2017, 32, 1750034.	1.2	8
3	A hybrid setup for fundamental unknowns in neutrino oscillations using T2HK (Î½) and Î¼-DAR Î½ Â¯ $$ left(overline{u}ight) $$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
4	Matter effects at the T2HK and T2HKK experiments. Physical Review D, 2017, 96, .	4.7	10
5	A combined study of source, detector and matter non-standard neutrino interactions at DUNE. Journal of High Energy Physics, 2016, 2016, 1.	4.7	67
6	New look at the degeneracies in the neutrino oscillation parameters, and their resolution by T2K,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>NO</mml:mi><mml:mi>Î½</mml:mi><mml:mi mathvariant="normal">A</mml:mi></mml:mrow></mml:math>and ICAL. Physical Review D, 2016, 93, .	4.7	38
7	Analysis of four-zero textures in the 3+1 neutrino framework. Physical Review D, 2016, 94, .	4.7	10
8	Evidence for leptonic CP phase from NOÎ½A, T2K and ICAL. Pramana - Journal of Physics, 2016, 86, 387-393.	1.8	0
9	Maximizing the DUNE early physics output with current experiments. European Physical Journal C, 2016, 76, 1.	3.9	19
10	Can the Hint of $$delta _{extit{CP}}$$ Î´ CP from T2K Also Indicate the Hierarchy and Octant?. Springer Proceedings in Physics, 2016, , 339-344.	0.2	0
11	Exploring source and detector non-standard neutrino interactions at ESSÎ½SB. Journal of High Energy Physics, 2015, 2015, 1.	4.7	18
12	ProbingCPviolation with the first three years of ultrahigh energy neutrinos from IceCube. Physical Review D, 2014, 90, .	4.7	11
13	Synergies between neutrino oscillation experiments: an â€˜adequateâ€™ configuration for LBNO. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
14	Determining neutrino mass hierarchy from electron disappearance at a low energy neutrino factory. Physical Review D, 2014, 89, .	4.7	1
15	Can atmospheric neutrino experiments provide the first hint of leptonicCPviolation?. Physical Review D, 2014, 89, .	4.7	19
16	Evidence for leptonic CP phase from NOÎ½A, T2K and ICAL: A chronological progression. Nuclear Physics B, 2014, 884, 274-304.	2.5	29
17	Octant sensitivity for large Î¸13 in atmospheric and long-baseline neutrino experiments. Journal of High Energy Physics, 2013, 2013, 1.	4.7	42
18	Potential of optimized NOÎ½A for large and combined performance with a LArTPC and T2K. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 193-195.	0.4	0

#	Article	IF	Citations
19	EFFECT OF NONZERO Î¸₁₃ ON THE MEASUREMENT OF Î¸₂₃. Modern Physics Letters A, 2013, 28, 1350093.	1.2	21
20	Getting the best out of T2K and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>NO</mml:mi><mml:mi>Î½</mml:mi><mml:mi mathvariant="normal">A</mml:mi></mml:math>. Physical Review D, 2012, 86, .	4.7	45
21	Potential of optimized NOÎ½A for large Î¸ 13 & combined performance with a LArTPC & T2K. Journal of High Energy Physics, 2012, 2012, 1.	4.7	47
22	Neutrino Mass Hierarchy and Octant Determination with Atmospheric Neutrinos. Physical Review Letters, 2012, 109, 091801.	7.8	43
23	Magical properties of a 2540 km Superbeam experiment. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 434.	0.4	0
24	Magical properties of a 2540 km baseline superbeam experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 227-231.	4.1	17
25	PHYSICS POTENTIAL OF A 2540 km BASELINE SUPERBEAM EXPERIMENT. Modern Physics Letters A, 2011, 26, 2051-2063.	1.2	4
26	Physics Potential of a 2540 Km Baseline Superbeam Experiment. , 2011, , .		0