# Nobuchika Okada

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 157 papers | 4,251 citations | 109321 35 h-index | 133252 59 g-index |
| 159 all docs | 159 docs citations | 159 times ranked | 2284 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Classically conformal Bâ€“L extended Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 676, 81-87. | 4.1 | 245 |
| 2 | Bulk standard model in the Randall-Sundrum background. Physical Review D, 2000, 62, . | 4.7 | 236 |
| 3 | Minimal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^’</mml:mo><mml:mi>L</mml:mi></mml:math>model naturally realized at the TeV scale. Physical Review D, 2009, 80, . | 4.7 | 147 |
| 4 | Can WIMP dark matter overcome the nightmare scenario?. Physical Review D, 2010, 82, . | 4.7 | 142 |
| 5 | Direct bounds on electroweak scale pseudo-Dirac neutrinos from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>Â</mml:mtext>Â</mml:mrow> LHC data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 364-370. | 4.1 | 138 |
| 6 | Neutrino oscillation data versus minimal supersymmetric SO(10) model. Journal of High Energy Physics, 2002, 2002, 011-011. | 4.7 | 123 |
| 7 | Inverse seesaw neutrino signatures at the LHC and ILC. Physical Review D, 2013, 88, . | 4.7 | 121 |
| 8 | SO(10) group theory for the unified model building. Journal of Mathematical Physics, 2005, 46, 033505. | 1.1 | 117 |
| 9 | Tensor to scalar ratio in nonminimal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï†</mml:mi><mml:mn>4</mml:mn></mml:msup></mml:math>inflation. Physical Review D, 2010, 82, . | 4.7 | 94 |
| 10 | Higgs portal dark matter in the minimal gaugedU(1)Bâ^’Lmodel. Physical Review D, 2010, 82, . | 4.7 | 86 |
| 11 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>Z</mml:mi></mml:mrow><mml:mrow><mml:mi>B</mml:mi></mml:mrow> dark matter and LHC Run-2 results. Physical Review D, 2016, 93, . | 4.7 | 70 |
| 12 | Bounds on heavy Majorana neutrinos in type-I seesaw and implications for collider searches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 32-40. | 4.1 | 68 |
| 13 | Improved bounds on the heavy neutrino productions at the LHC. Physical Review D, 2016, 93, . | 4.7 | 67 |
| 14 | 125 GeV Higgs boson and the type-II seesaw model. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 66 |
| 15 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math> -portal right-handed neutrino dark matter in the minimal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow> | | |

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|---|---|---|---|
| 19 | Classically conformal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stretchy="false"> standard model, electroweak vacuum stability, and LHC Run-2 bounds. Physical Review D, 2016, 93, . | 4.7 | 56 |
| 20 | Almost no-scale supergravity. Journal of High Energy Physics, 2003, 2003, 050-050. | 4.7 | 54 |
| 21 | Towards LHC physics with nonlocal Standard Model. Nuclear Physics B, 2015, 898, 113-131. | 2.5 | 53 |
| 22 | Long-lived TeV-scale right-handed neutrino production at the LHC in gauged U(1) model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135052. | 4.1 | 51 |
| 23 | Heavy Majorana neutrino pair productions at the LHC in minimal U(1) extended Standard Model. European Physical Journal C, 2018, 78, 1. | 3.9 | 48 |
| 24 | Dark matter in the classically conformalBâ^'Lmodel. Physical Review D, 2012, 85, . | 4.7 | 47 |
| 25 | Unparticle physics and Higgs phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 661, 360-364. | 4.1 | 45 |
| 26 | Unparticle dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 186-189. | 4.1 | 44 |
| 27 | Neutrino mass and dark matter in light of recent AMS-02 results. Physical Review D, 2014, 89, . | 4.7 | 44 |
| 28 | Enhanced pair production of heavy Majorana neutrinos at the LHC. Physical Review D, 2018, 97, . | 4.7 | 44 |
| 29 | Positively deflected anomaly mediation. Physical Review D, 2002, 65, . | 4.7 | 43 |
| 30 | Resonant leptogenesis in the minimal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^'</mml:mo><mml:mi>L</mml:mi></mml:math>extended standard model at TeV. Physical Review D, 2011, 83, . | 4.7 | 42 |
| 31 | Radiative seesaw mechanism in a minimal 3-3-1 model. Physical Review D, 2016, 93, . | 4.7 | 41 |
| 32 | Higgs masses in the minimal supersymmetricSO(10)grand unified theory. Physical Review D, 2005, 72, . | 4.7 | 40 |
| 33 | NMSSM and seesaw physics at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 235-239. | 4.1 | 39 |
| 34 | Electroweak vacuum stability in classically conformal $$B-L$$ B - L extension of the standard model. European Physical Journal C, 2017, 77, 1. | 3.9 | 37 |
| 35 | Effective theoretical approach of Gauge-Higgs unification model and its phenomenological applications. Journal of High Energy Physics, 2006, 2006, 073-073. | 4.7 | 35 |
| 36 | Stability of infinite derivative Abelian Higgs models. Physical Review D, 2018, 97, . | 4.7 | 35 |

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| 37 | Non-minimal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>B</mml:mi><mml:mo>â^’</mml:mo><mml:mi>L</mml:mi></mml:math> inflation with observable gravity waves. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 520-525. | 4.1 | 34 |
| 38 | The observational status of simple inflationary models: an update. Turkish Journal of Physics, 2016, 40, 150-162. | 1.1 | 34 |
| 39 | Probing the seesaw scale with gravitational waves. Physical Review D, 2018, 98, . | 4.7 | 34 |
| 40 | Higgs boson mass bounds in a typeÂII seesaw model with triplet scalars. Physical Review D, 2008, 78, . | 4.7 | 33 |
| 41 | Higgs inflation in minimal supersymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>5</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 567 Td (stretchy="false" | 4.7 | 33 |
| 42 | Dark matter Zâ€² and XENON1T excess from U(1) extended standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135785. | 4.1 | 33 |
| 43 | Inelastic extra <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo stretchy="false">)</mml:mo></mml:math> charged scalar dark matter. Physical Review D, 2020, 101, . | 4.7 | 32 |
| 44 | Higgs boson mass bounds in the Standard Model with type III and type I seesaw. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 121-125. | 4.1 | 31 |
| 45 | Supersymmetric radius stabilization in warped extra dimensions. Physical Review D, 2004, 70, . | 4.7 | 29 |
| 46 | SU(5)Ã—U(1) grand unification with minimal seesaw and Zâ€²-portal dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 422-426. | 4.1 | 27 |
| 47 | Probing the seesaw mechanism at the 250 GeV ILC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134849. | 4.1 | 27 |
| 48 | Vacuum stability and naturalness in type-II seesaw. European Physical Journal C, 2016, 76, 1. | 3.9 | 26 |
| 49 | Testing the 2-TeV resonance with trileptons. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 26 |
| 50 | WIMP dark matter inflation with observable gravity waves. Physical Review D, 2011, 84, . | 4.7 | 25 |
| 51 | Galactic Center gamma ray excess from two Higgs doublet portal dark matter. Physical Review D, 2014, 90, . | 4.7 | 25 |
| 52 | Inflection-point inflation in a hyper-charge oriented <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 122 Td (stretchy="false">)</mml:m | 4.7 | 25 |
| 53 | Effective theory of brane world with small tension. Physical Review D, 2000, 61, . | 4.7 | 21 |
| 54 | Î½-gauge mediated supersymmetry breaking with typeÂIII seesaw mechanism and phenomenology. Physical Review D, 2008, 78, . | 4.7 | 21 |

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| 55 | Supersymmetric minimalBâ^'Lmodel at the TeV scale with right-handed Majorana neutrino dark matter. Physical Review D, 2012, 85, . | 4.7 | 21 |
| 56 | Inflection-point <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^'</mml:mo><mml:mi>L</mml:mi></mml:math> Higgs inflation. Physical Review D, 2017, 95, . | 4.7 | 21 |
| 57 | Right-handed neutrino dark matter in the classically conformal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50.642 Td (stretchy="false"> | 4.7 | 21 |
| 58 | 125ÂGeV Higgs boson mass and muon gâ^'2 in 5D MSSM. Physical Review D, 2016, 94, . | 4.7 | 20 |
| 59 | Sparticle spectroscopy of the minimal SO(10) model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 295-302. | 4.1 | 20 |
| 60 | Displaced vertex signature of type-I seesaw model. Physical Review D, 2018, 98, . | 4.7 | 20 |
| 61 | Natural <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math> -portal Majorana dark matter in alternative U(1) extended standard model. Physical Review D, 2019, 100, . | 4.7 | 20 |
| 62 | Effective Potential of Higgs Field in Warped Gauge-Higgs Unification. Progress of Theoretical Physics, 2008, 120, 77-98. | 2.0 | 19 |
| 63 | Location and direction dependent effects in collider physics from noncommutativity. Physical Review D, 2010, 82, . | 4.7 | 19 |
| 64 | Diphoton decay excess and 125ÂGeV Higgs boson in gauge-Higgs unification. Physical Review D, 2013, 87, . | 4.7 | 19 |
| 65 | Bosonic seesaw mechanism in a classically conformal extension of the Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 349-352. | 4.1 | 19 |
| 66 | Light Zâ€² and dark matter from U(1) gauge symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135845. | 4.1 | 19 |
| 67 | Soft probes of SU(5) unification. Physical Review D, 2009, 79, . | 4.7 | 18 |
| 68 | Nonminimal quartic inflation in classically conformal U(1)X extended standard model. Physical Review D, 2018, 97, . | 4.7 | 18 |
| 69 | Hunting inflatons at FASER. Physical Review D, 2021, 103, . | 4.7 | 18 |
| 70 | PerturbativeSO(10)grand unification. Physical Review D, 2005, 71, . | 4.7 | 17 |
| 71 | 125 GeV Higgs, type III seesaw and gaugeâ€“Higgs unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 197-202. | 4.1 | 17 |
| 72 | Positively deflected anomaly mediation in the light of the Higgs boson discovery. Physical Review D, 2013, 87, . | 4.7 | 17 |

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|---|---|---|---|
| 73 | Particle spectroscopy of supersymmetric SU(5) in light of the 125ÂGeV Higgs boson and muon<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>g</mml:mi><mml:mo>â^’</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>data. Physical Review D, 2014, 90, . | 4.7 | 17 |
| 74 | Higgs phenomenology in the minimal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 687 Td (stretchy="false">(</mml:mo><mml:mn>2 | 4.7 | 17 |
| 75 | Pseudo-Goldstone dark matter in a gauged <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^’</mml:mo><mml:mi>L</mml:mi></mml:math> extended standard model. Physical Review D, 2021, 103, . | 4.7 | 17 |
| 76 | Minimal flavor violation in the minimal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 597 Td (stretchy="false">(</mml:mo><mml:mn>3 and resonant leptogenesis. Physical Review D, 2012, 86, . | 4.7 | 16 |
| 77 | Isospin violating dark matter being asymmetric. Physical Review D, 2013, 88, . | 4.7 | 16 |
| 78 | Fermion dark matter in gauge-Higgs unification. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 16 |
| 79 | Dark matter constraints on low mass and weakly coupled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^’</mml:mo><mml:mi>L</mml:mi></mml:math> gauge boson. Physical Review D, 2020, 102, . | 4.7 | 16 |
| 80 | Nonlocal non-Abelian gauge theory: Conformal invariance and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math> -function. Physical Review D, 2021, 104, . | 4.7 | 16 |
| 81 | Gauge-Higgs dark matter. Journal of High Energy Physics, 2010, 2010, 1. | 4.7 | 15 |
| 82 | Running non-minimal inflation with stabilized inflaton potential. European Physical Journal C, 2017, 77, 1. | 3.9 | 15 |
| 83 | Gravitational waves from breaking of an extra U(1) in SO(10) grand unification. Progress of Theoretical and Experimental Physics, 2021, 2021, . | 6.6 | 15 |
| 84 | Low scale gravity mediation with warped extra dimension and collider phenomenology on the hidden sector. Physical Review D, 2006, 74, . | 4.7 | 14 |
| 85 | TeV scale seesaw from supersymmetric Higgs-lepton inflation and BICEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 186-190. | 4.1 | 14 |
| 86 | Higgs inflation, seesaw physics and fermion dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 223-228. | 4.1 | 14 |
| 87 | Non-minimal quartic inflation in supersymmetric SO(10). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 256-259. | 4.1 | 14 |
| 88 | Affleck-Dine baryogenesis with observable neutron-antineutron oscillation. Physical Review D, 2021, 104, . | 4.7 | 14 |
| 89 | Metastable vacuum in spontaneously broken<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">N</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math>supersymmetric gauge theory. Physical Review D, 2007, 76, . | 4.7 | 13 |
| 90 | Supersymmetric standard model inflation in the Planck era. Physical Review D, 2012, 86, . | 4.7 | 13 |

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| 91 | DAMPE excess from decaying right-handed neutrino dark matter. Modern Physics Letters A, 2018, 33, 1850157. | 1.2 | 13 |
| 92 | Originally asymmetric dark matter. Physical Review D, 2012, 86, . | 4.7 | 12 |
| 93 | Higgs-lepton inflation in the supersymmetric minimal seesaw model. Physical Review D, 2013, 87, . | 4.7 | 12 |
| 94 | Hâ†'ZÎ³in gauge-Higgs unification. Physical Review D, 2013, 88, . | 4.7 | 12 |
| 95 | Freeze-in dark matter from a minimal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^'</mml:mo><mml:mi>L</mml:mi></mml:math> model and possible grand unification. Physical Review D, 2020, 101, . | 4.7 | 12 |
| 96 | Î¼-term hybrid inflation and split supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 348-351. | 4.1 | 11 |
| 97 | Solving problems of the 4D minimal SO(10) model in a warped extra dimension. Physical Review D, 2007, 75, . | 4.7 | 10 |
| 98 | Discrimination of new physics models with the International Linear Collider. Physical Review D, 2011, 84, . | 4.7 | 10 |
| 99 | Simple fermionic dark matter models and Higgs boson couplings. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 10 |
| 100 | Fermionic minimal dark matter in 5D gauge-Higgs unification. Physical Review D, 2017, 96, . | 4.7 | 10 |
| 101 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SU</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (stretchy="false"> doublet vector dark matter from gauge-Higgs unification. Physical Review D, 2018, 98, . | 4.7 | 10 |
| 102 | Unified model for inflation, pseudo-Goldstone dark matter, neutrino mass, and baryogenesis. Physical Review D, 2022, 105, . | 4.7 | 10 |
| 103 | Supersymmetric <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | 4.1 | 9 |
| 104 | Gauge mediation from emergent supersymmetry. Journal of High Energy Physics, 2006, 2006, 147-147. | 4.7 | 8 |
| 105 | Inflation, proton decay, and Higgs-portal dark matter in $$SO(10) imes U(1)_psi $$. European Physical Journal C, 2019, 79, 1. | 3.9 | 8 |
| 106 | Pseudo-Goldstone dark matter in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>O</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>10</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 132 Td (stretchy="false">)</mml | 4.7 | 8 |
| 107 | Alternative signature of TeV strings: Reduction in QCD jet production. Physical Review D, 2002, 66, . | 4.7 | 7 |
| 108 | A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mn>3</mml:mn><mml:mo>Ã—</mml:mo><mml:mn>2</mml:mn></mml:math> texture for neutrino oscillations and leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 508-514. | 4.1 | 7 |

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| 109 | SMART U(1)$$_X$$: standard model with axion, right handed neutrinos, two Higgs doublets and U(1)$$_X$$ gauge symmetry. European Physical Journal C, 2020, 80, 1. | 3.9 | 7 |
| 110 | Neutrino mass from Affleck-Dine leptogenesis and WIMP dark matter. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 7 |
| 111 | LEPTOGENESIS IN MODELS WITH MULTI-HIGGS BOSONS. Modern Physics Letters A, 2002, 17, 1725-1734. | 1.2 | 6 |
| 112 | Gravity waves and gravitino dark matter in Î¼-hybrid inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 141-145. | 4.1 | 6 |
| 113 | Inflection-point inflation with axion dark matter in light of Trans-Planckian Censorship Conjecture. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136001. | 4.1 | 6 |
| 114 | Confinement and renormalization group equations in string-inspired nonlocal gauge theories. Physical Review D, 2021, 104, . | 4.7 | 6 |
| 115 | Gravitino constraints on supergravity inflation. Physical Review D, 2022, 105, . | 4.7 | 6 |
| 116 | Vacuum structure of spontaneously brokenN=2supersymmetric gauge theory. Physical Review D, 2001, 64, . | 4.7 | 5 |
| 117 | THE CURRENT PROBLEMS OF THE MINIMAL SO(10) GUT AND THEIR SOLUTIONS. International Journal of Modern Physics E, 2007, 16, 1489-1503. | 1.0 | 5 |
| 118 | Supersymmetry breaking by typeÂII seesaw assisted anomaly mediation. Physical Review D, 2008, 77, . | 4.7 | 5 |
| 119 | Particle spectroscopy of supersymmetric SO(10) with nonuniversal gaugino masses. Physical Review D, 2011, 84, . | 4.7 | 5 |
| 120 | Discrimination of supersymmetric grand unified models in gaugino mediation. Physical Review D, 2011, 83, . | 4.7 | 5 |
| 121 | Simple brane-world inflationary models â€" An update. International Journal of Modern Physics A, 2016, 31, 1650078. | 1.5 | 5 |
| 122 | Type II seesaw mechanism with scalar dark matter in light of AMS-02, DAMPE, and Fermi-LAT data. Physical Review D, 2018, 98, . | 4.7 | 5 |
| 123 | Domain-Wall Standard Model in non-compact 5D and LHC phenomenology. Modern Physics Letters A, 2019, 34, 1950080. | 1.2 | 5 |
| 124 | Low-energy implications of cosmological data in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 504.37 Td (stretchy="fa Review D, 2021, 103, . | 4.7 | 5 |
| 125 | Alternative renormalizable minimal SO(10) GUT and seesaw scale. Modern Physics Letters A, 2018, 33, 1850167. | 1.2 | 4 |
| 126 | SO(10) grand unification with minimal dark matter and color octet scalars. Physical Review D, 2022, 105, . | 4.7 | 4 |

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| 127 | Simple 5D SO(10) GUT and sparticle masses. Physical Review D, 2008, 78, . | 4.7 | 3 |
| 128 | Gauge mediation scenario with hidden sector renormalization in MSSM. Physical Review D, 2010, 81, . | 4.7 | 3 |
| 129 | Alternative renormalizable SO(10) GUTs and data fitting. Nuclear Physics B, 2020, 954, 114992. | 2.5 | 3 |
| 130 | Superheavy WIMP dark matter from incomplete thermalization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, , 136528. | 4.1 | 3 |
| 131 | Messenger inflation in gauge mediation and super-WIMP dark matter. Physical Review D, 2021, 104, . | 4.7 | 3 |
| 132 | Inflation and type III seesaw mechanism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î½</mml:mi></mml:math> -gauge mediated supersymmetry breaking. Physical Review D, 2021, 104, . | 4.7 | 3 |
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