Nodoka Yamanaka

List of Publications by Year
in descending order

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35 papers	640 citations	516710 16 h-index	580821 25 g-index
36 all docs	36 docs citations	36 times ranked	1748 citing authors

#	Article	IF	Citations
1	Enhancement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:mrow></mml:m effect in the nuclear electric dipole moment of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 2015, 91, .	2.9	41
2	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
3	Review of the electric dipole moment of light nuclei. International Journal of Modern Physics E, 2017, 26, 1730002.	1.0	40
4	Quark level and hadronic contributions to the electric dipole moment of charged leptons in the standard model. Physical Review D, 2021, 103, .	4.7	37
5	Large Long-Distance Contributions to the Electric Dipole Moments of Charged Leptons in the Standard Model. Physical Review Letters, 2020, 125, 241802.	7.8	35
6	Standard model contribution to the electric dipole moment of the deuteron, 3H, and 3He nuclei. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
7	Analysis of the Electric Dipole Moment in the R-parity Violating Supersymmetric Standard Model. Springer Theses, 2014, , .	0.1	32
8	Quark tensor charge and electric dipole moment within the Schwinger-Dyson formalism. Physical Review D, 2013, 88, .	4.7	31
9	Linear programming analysis of the R-parity violation within EDM-constraints. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
10	Glueball scattering cross section in lattice <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>2</mml:mn><mml:mo stretchy="false">)</mml:mo></mml:math> Yang-Mills theory. Physical Review D, 2020, 102, .	4.7	25
11	Indication for double parton scatterings in W+ prompt J/ĩ production at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 485-491.	4.1	21
12	Two-loop level rainbowlike supersymmetric contribution to the fermion electric dipole moment. Physical Review D, 2013, 87, .	4.7	20
13	Quark scalar, axial, and pseudoscalar charges in the Schwinger-Dyson formalism. Physical Review D, 2014, 89, .	4.7	20
14	Complete NLO QCD study of single- and double-quarkonium hadroproduction in the colour-evaporation model at the Tevatron and the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135559.	4.1	20
15	Reappraisal of two-loop contributions to the fermion electric dipole moments in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>-parity violating supersymmetric models. Physical Review D, 2012, 85, .	4.7	17
16	Electric dipole moment of the deuteron in the standard model with NN â˜ Î› N â˜ Î£ N coupling. Nuclear Physics A, 2017, 963, 33-51.	1.5	17
17	Dark matter scattering cross section and dynamics in dark Yang-Mills theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136056.	4.1	17
18	Higher-order corrections for tW production at high-energy hadron colliders. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17

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19	Electric dipole moment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>13</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 95, .	2.9	16
20	Weinberg operator contribution to the nucleon electric dipole moment in the quark model. Physical Review D, 2021, 103, .	4.7	16
21	R-parity violating supersymmetric contributions to the neutron beta decay. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 055104.	3.6	15
22	CP violating effects in 210Fr and prospects for new physics beyond the Standard Model. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
23	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>-parity violating supersymmetric Barr-Zee type contributions to the fermion electric dipole moment with weak gauge boson exchange. Physical Review D, 2013, 87, .	4.7	13
24	Effect of the Pauli exclusion principle in the electric dipole moment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>9</mml:mn></mml:mmultiscripts></mml:math> with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>|</mml:mo><mml:mi mathvariant="normal">Î”</mml:mi><mml:mi>S</mml:mi><mml:mo>|</mml:mo><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> interactions. Physical Review C, 2019, 99, .	2.9	12
25	Prompt $${J/psi }$$-pair production at the LHC: impact of loop-induced contributions and of the colour-octet mechanism. European Physical Journal C, 2019, 79, 1.	3.9	12
26	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>-parity violating supersymmetric contributions to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>-odd electron-nucleon interacti	4.7	11
27	The gluon and charm content of the deuteron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 287-293.	4.1	10
28	Sfermion loop contribution to the two-loop level fermion electric dipole moment in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>-parity violating supersymmetric models. Physical Review D, 2012, 86, .	4.7	9
29	Proton electric dipole moment in the cluster model with a triton: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mn>11</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 100, .	2.9	9
30	Contribution of the Weinberg-type operator to atomic and nuclear electric dipole moments. Journal of High Energy Physics, 2022, 2022, .	4.7	8
31	Electric dipole moment of light nuclei. Hyperfine Interactions, 2018, 239, 1.	0.5	4
32	Status of the Theoretical Calculation of Nuclear Electric Dipole Moment. , 2018, , .		1
33	Quark scalar, axial and tensor charges in the Schwinger-Dyson formalism. AIP Conference Proceedings, 2016, , .	0.4	0
34	Quark Model Analysis of the Weinberg Operator Contribution to the Nucleon EDM. Few-Body Systems, 2021, 62, 1.	1.5	0
35	tW and tZ' production at hadron colliders. SciPost Physics Proceedings, 2022, , .	0.4	0