

Alexey Nefediev

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7175816/alexey-nefediev-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

1,931
citations

26
h-index

41
g-index

102
ext. papers

2,598
ext. citations

3.6
avg, IF

4.98
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 91 | The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2019 , 2019, | 5.4 | 163 |
| 90 | The XYZ states: Experimental and theoretical status and perspectives. <i>Physics Reports</i> , 2020 , 873, 1-154 | 27.7 | 136 |
| 89 | Reconciling the $X(3872)$ with the near-threshold enhancement in the $D_0 D^* 0$ final state. <i>Physical Review D</i> , 2007 , 76, | 4.9 | 114 |
| 88 | QCD string in light-light and heavy-light mesons. <i>Physical Review D</i> , 2001 , 64, | 4.9 | 87 |
| 87 | Two-photon decays of hadronic molecules. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 62 |
| 86 | Three-body DD^* dynamics for the $X(3872)$. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 61 |
| 85 | The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020, | 5.4 | 58 |
| 84 | Nature of $X(3872)$ from data. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 53 |
| 83 | Lineshapes for composite particles with unstable constituents. <i>Physical Review D</i> , 2010 , 81, | 4.9 | 52 |
| 82 | Bilinear R-parity violation and small neutrino masses: a self-consistent framework. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 492, 81-90 | 4.2 | 51 |
| 81 | The radiative decays χ_{c0}/f_0 in the molecular model for the scalar mesons. <i>European Physical Journal A</i> , 2005 , 24, 437-443 | 2.5 | 47 |
| 80 | Interplay of quark and meson degrees of freedom in near-threshold states: A practical parametrization for line shapes. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 44 |
| 79 | Remarks on the quantum numbers of $X(3872)$ from the invariant mass distributions of the Π/Π^0 and Π/Π^0 final states. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 44 |
| 78 | Heavy-quark spin symmetry partners of the $X(3872)$ revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 763, 20-28 | 4.2 | 44 |
| 77 | Interplay of quark and meson degrees of freedom in a near-threshold resonance. <i>European Physical Journal A</i> , 2010 , 44, 93-103 | 2.5 | 43 |
| 76 | Practical Parametrization for Line Shapes of Near-Threshold States. <i>Physical Review Letters</i> , 2015 , 115, 202001 | 7.4 | 41 |
| 75 | Spectra and decays of hybrid charmonia. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 39 |

| | | | |
|----|---|-----|----|
| 74 | Insight into scalar mesons from their radiative decays. <i>Physical Review C</i> , 2006 , 73, | 2.7 | 38 |
| 73 | Quark mass dependence of the X(3872) binding energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 537-543 | 4.2 | 37 |
| 72 | Comment on "Possibility of deeply bound hadronic molecules from single pion exchange". <i>Physical Review Letters</i> , 2010 , 105, 019101 | 7.4 | 33 |
| 71 | Remarks on study of X(3872) from effective field theory with pion-exchange interaction. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 32 |
| 70 | What can radiative decays of the X(3872) teach us about its nature?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 394-398 | 4.2 | 32 |
| 69 | Line shapes of the Z _b (10610) and Z _b (10650) in the elastic and inelastic channels revisited. <i>Physical Review D</i> , 2018 , 98, | 4.9 | 32 |
| 68 | DECONFINEMENT AND QUARK-GLUON PLASMA. <i>International Journal of Modern Physics E</i> , 2009 , 18, 549-599 | 0.7 | 30 |
| 67 | Confinement and parity doubling in heavy-light mesons. <i>Physical Review D</i> , 2005 , 72, | 4.9 | 29 |
| 66 | Spin partners of the Z _b (10610) and Z _b (10650) revisited. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 26 |
| 65 | Chiral symmetry breaking solutions for QCD in the truncated Coulomb gauge. <i>Physical Review D</i> , 2003 , 68, | 4.9 | 26 |
| 64 | Chiral symmetry restoration in excited hadrons, quantum fluctuations, and quasiclassics. <i>Physical Review D</i> , 2005 , 72, | 4.9 | 25 |
| 63 | Spin-dependent interactions in quarkonia. <i>Physical Review D</i> , 2008 , 78, | 4.9 | 24 |
| 62 | Binding energy of the X(3872) at unphysical pion masses. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 23 |
| 61 | X(3872) in the molecular model. <i>Physics-Uspekhi</i> , 2019 , 62, 568-595 | 2.8 | 22 |
| 60 | X(3872) as a D ₂₁ charmonium state. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 22 |
| 59 | Chiral symmetry and the string description of excited hadrons. <i>Physical Review D</i> , 2007 , 76, | 4.9 | 22 |
| 58 | Mesonic states and vacuum replicas in potential quark models for QCD. <i>Physical Review D</i> , 2004 , 70, | 4.9 | 22 |
| 57 | Hadron physics potential of future high-luminosity B-factories at the $\sqrt{s}(5S)$ and above. <i>European Physical Journal A</i> , 2013 , 49, 1 | 2.5 | 17 |

| | | | |
|----|--|-----|----|
| 56 | Spin partners WbJ from the line shapes of the $Z_b(10610)$ and $Z_b(10650)$. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 16 |
| 55 | Chiral restoration in excited nucleons versus $SU(6)$. <i>Nuclear Physics A</i> , 2008 , 807, 38-47 | 1.3 | 16 |
| 54 | Goldstone bosons decoupling from high-lying hadrons. <i>Physical Review D</i> , 2006 , 73, | 4.9 | 16 |
| 53 | Orbitally excited D and B mesons in the approach of the QCD string with quarks at the ends. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 530, 117-122 | 4.2 | 16 |
| 52 | Exclusive open-charm near-threshold cross sections in a coupled-channel approach. <i>JETP Letters</i> , 2017 , 105, 1-7 | 1.2 | 15 |
| 51 | Deciphering the mechanism of near-threshold (J/ψ) photoproduction. <i>European Physical Journal C</i> , 2020 , 80, 1 | 4.2 | 15 |
| 50 | Potential regime for heavy quarks dynamics and Lorentz nature of confinement. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 149-156 | 4.2 | 14 |
| 49 | Direct $X(3872)$ production in $e+e$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 221-225 | 4.2 | 12 |
| 48 | Coupled-Channel Interpretation of the LHCb Double- J/ψ Spectrum and Hints of a New State Near the $J/\psi/\psi'$ Threshold. <i>Physical Review Letters</i> , 2021 , 126, 132001 | 7.4 | 11 |
| 47 | One-pion exchange in the $X(3872)$ revisited. <i>JETP Letters</i> , 2013 , 97, 70-75 | 1.2 | 10 |
| 46 | Quark and meson degrees of freedom in the $X(3872)$ charmonium. <i>Physics of Atomic Nuclei</i> , 2010 , 73, 1592-1611 | 0.4 | 10 |
| 45 | Field theory description of vacuum replicas. <i>Physical Review D</i> , 2003 , 67, | 4.9 | 10 |
| 44 | Remarks on meson loop effects on quark models. <i>European Physical Journal A</i> , 2016 , 52, 1 | 2.5 | 9 |
| 43 | Remarks on the heavy-quark flavour symmetry for doubly heavy hadronic molecules. <i>European Physical Journal C</i> , 2019 , 79, 1 | 4.2 | 9 |
| 42 | Chiral symmetry, the angular content of the vector current in QED and QCD, and the holographic description of hadrons. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 9 |
| 41 | Comment on the proper QCD string dynamics in a heavy-light system. <i>JETP Letters</i> , 2003 , 78, 349-351 | 1.2 | 9 |
| 40 | Hamiltonian approach to the bound-state problem in QCD2. <i>Physics of Atomic Nuclei</i> , 2000 , 63, 1623-1628. | 4 | 9 |
| 39 | Chiral symmetry and excited baryons. <i>JETP Letters</i> , 2008 , 87, 271-275 | 1.2 | 8 |

| | | | |
|----|--|-----|---|
| 38 | Molecular partners of the X(3872) from heavy-quark spin symmetry: a fresh look. <i>EPJ Web of Conferences</i> , 2017 , 137, 06002 | 0.3 | 6 |
| 37 | Can X(3915) be the tensor partner of the X(3872)? <i>Journal of High Energy Physics</i> , 2017 , 2017, 1 | 5.4 | 6 |
| 36 | Dynamical suppression of the spin-orbit interaction in hadrons. <i>JETP Letters</i> , 2008 , 88, 151-156 | 1.2 | 6 |
| 35 | Chiral symmetry breaking and the Lorentz nature of confinement. <i>Physical Review D</i> , 2007 , 76, | 4.9 | 6 |
| 34 | QCD string and the Lorentz nature of confinement. <i>JETP Letters</i> , 2005 , 82, 557-561 | 1.2 | 6 |
| 33 | Microscopic derivation of the pion coupling to heavy-light mesons. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 5 |
| 32 | QCD string in excited heavy-light mesons and heavy-quark hybrids. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 5 |
| 31 | Comment on "Once more about the KK π molecule approach to the light scalars" <i>Physical Review D</i> , 2008 , 78, | 4.9 | 4 |
| 30 | Vacuum replicas in two-dimensional QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 573, 131-137 | 4.2 | 4 |
| 29 | Collision damping in the BHe-d π N reaction near the threshold. <i>Physical Review C</i> , 2003 , 67, | 2.7 | 4 |
| 28 | Strong decays and Adler selfconsistency condition in two-dimensional QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 371-378 | 4.2 | 4 |
| 27 | String junction as a baryonic constituent. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 367, 265-269 | 4.2 | 4 |
| 26 | Insights into Z ψ (10610) and Z ψ (10650) from dipion transitions from ψ (10860). <i>Physical Review D</i> , 2021 , 103, | 4.9 | 4 |
| 25 | Gluonic correlation length from spin-dependent potentials. <i>JETP Letters</i> , 2009 , 88, 558-563 | 1.2 | 3 |
| 24 | 1+1 string with quarks at the ends revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 399, 274-280 | 4.2 | 3 |
| 23 | Dark quark domains. <i>JETP Letters</i> , 2010 , 92, 721-725 | 1.2 | 2 |
| 22 | Real-time approach to quark confined systems at finite temperatures. <i>JETP Letters</i> , 2009 , 90, 417-422 | 1.2 | 2 |
| 21 | Hybrid charmonium. <i>Physics of Atomic Nuclei</i> , 2009 , 72, 333-338 | 0.4 | 2 |

| | | | |
|----|--|------|---|
| 20 | Spectrum of heavy-light mesons in the QCD string picture. <i>Physics of Atomic Nuclei</i> , 2005 , 68, 650 | 0.4 | 2 |
| 19 | Coupled-channel approach to T_{cc}^+ including three-body effects. <i>Physical Review D</i> , 2022 , 105, | 4.9 | 2 |
| 18 | A practical parametrisation of line shapes of near-threshold resonances. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 022016 | 0.3 | 2 |
| 17 | Phenomenology of near-threshold resonances. <i>Physics of Atomic Nuclei</i> , 2017 , 80, 1006-1035 | 0.4 | 1 |
| 16 | $X(3872)$ as the $1D2$ charmonium. <i>Physics of Atomic Nuclei</i> , 2013 , 76, 1533-1540 | 0.4 | 1 |
| 15 | Nonperturbative dynamics in the chromomagnetic QCD vacuum above the deconfinement temperature. <i>Physics of Atomic Nuclei</i> , 2009 , 72, 355-360 | 0.4 | 1 |
| 14 | Is $Z_{cs}(3982)$ a molecular partner of Z_c . <i>Physical Review D</i> , 2022 , 105, | 4.9 | 1 |
| 13 | Phenomenology of near-threshold states: a practical parametrisation for the line shapes. <i>EPJ Web of Conferences</i> , 2017 , 137, 06020 | 0.3 | 0 |
| 12 | Is the existence of a $J/\psi/\Upsilon$ bound state plausible?. <i>Science Bulletin</i> , 2021 , 66, 2462-2462 | 10.6 | 0 |
| 11 | Chiral extrapolation of the $X(3872)$ binding energy. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 022013 | 0.3 | 0 |
| 10 | Non-perturbative pion dynamics for the $X(3872)$. <i>EPJ Web of Conferences</i> , 2014 , 81, 05005 | 0.3 | 0 |
| 9 | Energy scan of cross sections for e^+e^- annihilation into quarkonia and light hadrons in the Belle experiment. <i>Physics of Particles and Nuclei</i> , 2017 , 48, 857-858 | 0.7 | 0 |
| 8 | Parametrizing the line shapes of near-threshold resonances. <i>Physics of Particles and Nuclei</i> , 2017 , 48, 849-850 | 0.7 | 0 |
| 7 | On the Lorentz nature of confinement in heavy-light quarkonia. <i>Physics of Atomic Nuclei</i> , 2007 , 70, 1543-1548 | 0.4 | 0 |
| 6 | QCD string in the Schwinger-Dyson approach to heavy-light quarkonia. <i>Physics of Atomic Nuclei</i> , 2005 , 68, 530-535 | 0.4 | 0 |
| 5 | Exotic Hadrons with Heavy Quarks. <i>Physics of Atomic Nuclei</i> , 2020 , 83, 975-979 | 0.4 | 0 |
| 4 | Nonperturbative dynamics in the color-magnetic QCD vacuum 2010 , 71, 171 | | |
| 3 | 10.1007/s11450-008-2013-8 2010 , 71, 321 | | |

2 Light-quark mass behaviour of the X(3872) as a molecular state. *EPJ Web of Conferences*, **2016**, 113, 050153

1 Exotic hadrons in the decays of vector bottomonia. *Journal of Physics: Conference Series*, **2019**, 1390, 012036

0.3