

Mikhail I Vysotsky

List of Publications by Year in descending order

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1614
citing authors

#	ARTICLE	IF	CITATIONS
1	LHC as a photon-photon collider: Bounds on $\tilde{\chi}\tilde{\chi}^*\tilde{\nu}\tilde{\nu}^*$. Physical Review D, 2021, 103, .	4.7	4
2	The physics of the $\tilde{t}\tilde{t}^*$ system versus $B0 \rightarrow J/\psi \tilde{t}\tilde{t}^*$ and $Bs \rightarrow J/\psi \tilde{t}\tilde{t}^*$ decays. International Journal of Modern Physics A, 2020, 35, 2050111.	1.5	1
3	Quasistable charginos in ultraperipheral proton-proton collisions at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
4	Dimuon Resonance Near 28 GeV and the Muon Anomaly. JETP Letters, 2019, 109, 358-363.	1.4	7
5	Resonances in positron scattering on a supercritical nucleus and spontaneous production of e^+e^- pairs. EPJ Web of Conferences, 2018, 191, 02018.	0.3	0
6	Critical nucleus charge in a superstrong magnetic field. EPJ Web of Conferences, 2018, 182, 02047.	0.3	1
7	Resonances in positron scattering on a supercritical nucleus and spontaneous production of e^+e^- pairs. European Physical Journal C, 2017, 77, 1.	3.9	22
8	Looking for chiral anomaly in pion photoproduction on kaons. Physics of Particles and Nuclei, 2017, 48, 956-959.	0.7	0
9	In memory of Lev Nikolaevich Lipatov. Physics-Uspokhi, 2017, 60, 1306-1307.	2.2	0
10	70 years of ITEP: some theoretical results. Physics-Uspokhi, 2016, 59, 787-795.	2.2	0
11	Looking for chiral anomaly in $K^0 \rightarrow \pi^0 \nu \bar{\nu}$ reactions. Physical Review D, 2016, 93, .	4.7	7
12	New physics at 1 TeV?. JETP Letters, 2016, 103, 557-562.	1.4	5
13	Extending the Higgs sector: an extra singlet. European Physical Journal C, 2016, 76, 1.	3.9	156
14	Mikhail Vladimirovich Danilov (on his 70th birthday). Physics-Uspokhi, 2016, 59, 1268-1270.	2.2	0
15	In memory of Lev Borisovich Okun. Physics-Uspokhi, 2015, 58, 1225-1227.	2.2	0
16	Double Higgs boson production in the models with isotriplets. Physics of Atomic Nuclei, 2015, 78, 1493-1496.	0.4	0
17	Suppression of $H \rightarrow VV$ decay channels in the Georgi-Machacek model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 505-507.	4.1	10
18	Double Higgs production at LHC, see-saw type-II and Georgi-Machacek model. Journal of Experimental and Theoretical Physics, 2015, 120, 369-375.	0.9	14

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19	CP violation in D-meson decays. EPJ Web of Conferences, 2014, 70, 00063.	0.3	0
20	Critical charge in a superstrong magnetic field. Physics-Uspexhi, 2014, 57, 194-198.	2.2	15
21	How to see an antistar. JETP Letters, 2014, 98, 519-522.	1.4	7
22	The Coulomb law and atomic levels in a superstrongB. EPJ Web of Conferences, 2014, 70, 00013.	0.3	0
23	The Coulomb problem in superstrong B: Atomic levels and critical nuclei charges. Physics of Particles and Nuclei, 2013, 44, 510-514.	0.7	0
24	Dependence of the atomic energy levels on a superstrong magnetic field with account of a finite nucleus radius and mass. Physical Review D, 2013, 87, .	4.7	6
25	Critical nucleus charge in a superstrong magnetic field: Effect of screening. Physical Review D, 2012, 85, .	4.7	22
26	Modification of the coulomb law and energy levels of hydrogen atom in superstrong magnetic field. Physics of Particles and Nuclei Letters, 2012, 9, 686-690.	0.4	0
27	Charmed penguin versus BAU. JETP Letters, 2012, 96, 290-297.	1.4	3
28	CP violation in D-meson decays and the fourth generation. JETP Letters, 2012, 95, 397-398.	1.4	4
29	$\hat{1}/4 \hat{\alpha} \tau^+ e \hat{1}^3$ decay versus the $\hat{1}/4 \hat{\alpha} \tau^+ e e e$ bound and lepton flavor violating processes in supernova. Journal of Experimental and Theoretical Physics, 2012, 114, 382-391.	0.9	0
30	Modification of Coulomb law and energy levels of the hydrogen atom in a superstrong magnetic field. Physical Review D, 2011, 83, .	4.7	38
31	Lectures on the theory of electroweak interactions. Physics of Particles and Nuclei Letters, 2011, 8, 617-650.	0.4	3
32	Tevatron constraints on the Higgs boson mass in the fourth-generation fermion models revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 313-315.	4.1	15
33	Once more on extra quark-lepton generations and precision measurements. Physics of Atomic Nuclei, 2010, 73, 636-642.	0.4	32
34	TeV-scale bileptons, see-saw type II and lepton flavor violation in core-collapse supernova. European Physical Journal C, 2010, 67, 213-227.	3.9	3
35	Atomic levels in superstrong magnetic fields and $D = 2$ QED of massive electrons: Screening. JETP Letters, 2010, 92, 15-20.	1.4	15
36	BOUNDS ON NEW LIGHT PARTICLES FROM HIGH ENERGY AND VERY SMALL MOMENTUM TRANSFER np ELASTIC SCATTERING DATA. , 2010, , .		0

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37	QUARK LAGRANGIAN DIAGONALIZATION VERSUS NON-DIAGONAL KINETIC TERMS. Modern Physics Letters A, 2009, 24, 273-275.	1.2	6
38	Lev Borisovich Okun (on his 80th birthday). Physics-Uspexhi, 2009, 52, 757-758.	2.2	0
39	Mixing angles of quarks and leptons in quantum field theory. European Physical Journal C, 2009, 61, 247-278.	3.9	8
40	On the role of the final-state interactions in rare B decays. Physics of Atomic Nuclei, 2009, 72, 2126-2135.	0.4	4
41	Manifestation of a singlet heavy up-type quark in the branching ratios of rare decays $K \rightarrow \pi^0 \ell^+ \ell^-$, $B \rightarrow \pi^0 \ell^+ \ell^-$, and $B \rightarrow \pi^0 K^0 \ell^+ \ell^-$. JETP Letters, 2008, 87, 517-523.	1.4	7
42	Bounds on new light particles from high-energy and very small momentum transfer elastic scattering data. Physical Review D, 2008, 78, .	4.7	29
43	New (virtual) physics in the era of the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 644, 352-354.	4.1	11
44	To the origin of the difference of FSI phases in and decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 203-212.	4.1	9
45	$B \rightarrow \pi^0 \ell^+ \ell^-$ decays: Branching ratios and CP asymmetries. Physics of Atomic Nuclei, 2007, 70, 712-721.	0.4	4
46	The value of $B \rightarrow K$ from the experimental data on CP violation in K mesons and up-to-date values of CKM matrix parameters. Physics of Atomic Nuclei, 2006, 69, 286-292.	0.4	11
47	Mass and decays of Brout-Englert-Higgs scalar with extra generations. Physics of Atomic Nuclei, 2006, 69, 355-359.	0.4	8
48	$B \rightarrow \pi^0 \ell^+ \ell^-$ decays: Hunting for alpha. Physics of Atomic Nuclei, 2006, 69, 679-685.	0.4	0
49	Hunting for the alpha: $B \rightarrow \pi^0 \ell^+ \ell^-$, $B \rightarrow \pi^0 K^0 \ell^+ \ell^-$. JETP Letters, 2005, 81, 361-364.	1.4	1
50	BINARY SYSTEMS OF NEUTRAL MESONS IN QUANTUM FIELD THEORY. International Journal of Modern Physics A, 2005, 20, 5399-5452.	1.5	9
51	In memory of Konstantin Gennad'evich Selivanov. Physics-Uspexhi, 2004, 47, 635-635.	2.2	0
52	Difference of $\langle \sigma \rangle$ and $\langle \sigma^2 \rangle$. Physical Review D, 2004, 70, 034011.	4.1	14
53	Z lineshape versus fourth-generation masses. Physics of Atomic Nuclei, 2003, 66, 2169-2177.	0.4	13
54	$\hat{1}/4\hat{1}/2$. Modern Physics Letters A, 2003, 18, 877-884.	1.2	2

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55	Extra generations and discrepancies of electroweak precision data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 529, 111-116.	4.1	83
56	On lepton-pair production in neutrino-nucleus collisions. Physics of Atomic Nuclei, 2002, 65, 1634-1642.	0.4	4
57	Mass of the higgs versus fourth generation masses. JETP Letters, 2002, 76, 127-130.	1.4	63
58	On the production of a lepton pair in the collision of ultrarelativistic neutral particle with nonzero magnetic moment with nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 49-54.	4.1	4
59	On the search for 50 GeV neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 126-132.	4.1	11
60	Extra quark-lepton generations and precision measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 107-115.	4.1	89
61	Theory of Z boson decays. Reports on Progress in Physics, 1999, 62, 1275-1332.	20.1	27
62	Diminishing $\tilde{\chi}$ charginos nearly degenerate with the lightest neutralino $\tilde{\chi}_0$ using precision data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 463, 230-233.	4.1	5
63	The fluctuation spectrum cut-off in a neutralino dark matter scenario. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 260, 262-268.	2.1	26
64	Enhanced electroweak radiative corrections in SUSY and precision data. Physics Reports, 1999, 320, 119-126.	25.6	5
65	ON THE NUMERICAL CLOSENESS OF THE EFFECTIVE PHENOMENOLOGICAL ELECTROWEAK MIXING ANGLE $\hat{\theta}$, AND THE $\overline{m_{MS}}$ PARAMETER θ . Modern Physics Letters A, 1998, 13, 3099-3107.	1.2	1
66	Stimulated neutrino conversion and bounds on neutrino magnetic moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 394, 127-131.	4.1	25
67	Higgs potential bounds on extra quark-lepton generations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 127-130.	4.1	8
68	Zeroes of the cross section and search for new physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 386, 437-441.	4.1	6
69	DO THE PRESENT ELECTROWEAK PRECISION MEASUREMENTS LEAVE ROOM FOR EXTRA GENERATIONS?. Modern Physics Letters A, 1995, 10, 1915-1922.	1.2	19
70	FIRST EVIDENCE FOR ELECTROWEAK RADIATIVE CORRECTIONS FROM THE NEW PRECISION DATA. Modern Physics Letters A, 1994, 09, 2641-2648.	1.2	6
71	THE q^2 DEPENDENCE OF W AND Z COUPLING CONSTANTS IN THE INTERVAL $ q^2 \leq m_Z^2$. Modern Physics Letters A, 1994, 09, 1489-1493.	1.2	4
72	On the effective electric charge in the electroweak theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 89-97.	4.1	7

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73	On the electroweak and gluonic corrections to the hadronic width of the Z boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 388-394.	4.1	5
74	The values of m_t and derived from the non-observation of electroweak radiative corrections at LEP: global fit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 433-440.	4.1	6
75	The isolines of electroweak radiative corrections and the confidence levels for the masses of the top and Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 308, 123-126.	4.1	6
76	On the interpretation of the CHARM II data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 453-455.	4.1	14
77	Do-it-yourself analysis of precision electroweak data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 329-331.	4.1	3
78	On the electroweak one-loop corrections. Nuclear Physics B, 1993, 397, 35-83.	2.5	53
79	DO PRESENT LEP DATA PROVIDE EVIDENCE FOR ELECTROWEAK CORRECTIONS?. Modern Physics Letters A, 1993, 08, 2529-2538.	1.2	12
80	Neutrino decay in matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 281-285.	4.1	59
81	Gauge theories with extended supersymmetry: Vacuum valleys. Nuclear Physics B, 1985, 254, 619-624.	2.5	5
82	Cosmological problems for spontaneously broken supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 279-283.	4.1	141
83	Proton decay due to $d = 5$ operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 120, 119-123.	4.1	6
84	More about proton decay due to $d=5$ operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 127, 215-218.	4.1	30
85	Bounds on supersymmetric particles from a proton beam-dump experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 121, 429-432.	4.1	50
86	The massless gluino and the pseudoscalar meson family. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 125, 227-229.	4.1	6
87	On SUSY guts. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 114, 125-128.	4.1	4
88	Form factors of heavy mesons in QCD. Nuclear Physics B, 1981, 186, 475-518.	2.5	101
89	Are the $c \rightarrow s$ decays due to the gluon admixture?. Zeitschrift für Physik C-Particles and Fields, 1981, 10, 131-138.	1.5	7
90	Strong interaction corrections to semiweak decays: Calculation of the $V \rightarrow H^+ H^0$ decay rate to order $\hat{\alpha}_s$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 97, 159-162.	4.1	97

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91	Remark on the $K \rightarrow \pi \ell \ell$ decay. Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica, 1979, 26, 297-300.	0.4	2
92	The cancellation of infrared and collinear divergences in one-loop corrections to the physical cross section of any QCD process. Nuclear Physics B, 1979, 150, 173-200.	2.5	20