

# Alexander Vikman

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

3,841  
citations

304743

22  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ghosts without Runaway Instabilities. <i>Physical Review Letters</i> , 2022, 128, 041301.	7.8	15
2	Beyond freeze-in: Dark matter via inverse phase transition and gravitational wave signal. <i>Physical Review D</i> , 2022, 105, .	4.7	18
3	Gravitational shine of dark domain walls. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 028.	5.4	18
4	Observing primordial magnetic fields through Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 011-011.	5.4	7
5	Generalized unimodular gravity as a new form of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">k \langle \text{mml:math} \rangle \text{mml:math} \rangle$ -essence. <i>Physical Review D</i> , 2021, 103, .	4.7	8
6	Losing the trace to find dynamical Newton or Planck constants. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 028.	5.4	18
7	New Weyl-invariant vector-tensor theory for the cosmological constant. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 004-004.	5.4	24
8	Unbraiding the bounce: superluminality around the corner. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 020-020.	5.4	53
9	Recovering $\langle i \rangle P \langle /i \rangle \langle i \rangle X \langle /i \rangle$ from a canonical complex field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 023-023.	5.4	23
10	Imperfect Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 028-028.	5.4	79
11	Cosmology with Mimetic Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	5.4	204
12	Hidden negative energies in strongly accelerated universes. <i>Physical Review D</i> , 2013, 87, .	4.7	53
13	When matter matters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 014-014.	5.4	61
14	Suppressing quantum fluctuations in classicalization. <i>Europhysics Letters</i> , 2013, 101, 34001.	2.0	29
15	Price for environmental neutrino-superluminality. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	27
16	Nonstationary dark energy around a black hole. <i>Physical Review D</i> , 2011, 83, .	4.7	4
17	G-bounce. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	5.4	226
18	The imperfect fluid behind kinetic gravity braiding. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	140

#	ARTICLE	IF	CITATIONS
19	Dust of dark energy. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 012-012.	5.4	176
20	On adiabatic perturbations in the ekpyrotic scenario. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 006-006.	5.4	31
21	Imperfect dark energy from kinetic gravity braiding. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 026-026.	5.4	545
22	Stationary configurations imply shift symmetry: no Bondi accretion for quintessence/ $k$ -essence. Journal of High Energy Physics, 2009, 2009, 082-082.	4.7	28
23	Covariant Galileon. Physical Review D, 2009, 79, .	4.7	860
24	Dark Matter via many copies of the Standard Model. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 009-009.	5.4	22
25	$k$ -Essence, superluminal propagation, causality and emergent geometry. Journal of High Energy Physics, 2008, 2008, 101-101.	4.7	336
26	Enhancing the tensor-to-scalar ratio in simple inflation. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 004-004.	5.4	122
27	Escaping from the black hole?. Journal of High Energy Physics, 2006, 2006, 061-061.	4.7	73
28	B-inflation. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 006-006.	5.4	179
29	The classical stability of the ghost condensate. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 009-009.	5.4	9
30	Can dark energy evolve to the phantom?. Physical Review D, 2005, 71, .	4.7	453