

Stanislaw Glazek

List of Publications by Citations

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

45
papers

1,033
citations

15
h-index

31
g-index

53
ext. papers

1,123
ext. citations

4
avg, IF

4.2
L-index

#	Paper	IF	Citations
45	Renormalization of Hamiltonians. <i>Physical Review D</i> , 1993 , 48, 5863-5872	4.9	346
44	Nonperturbative QCD: A weak-coupling treatment on the light front. <i>Physical Review D</i> , 1994 , 49, 6720-6766	4.9	213
43	Limit cycles in quantum theories. <i>Physical Review Letters</i> , 2002 , 89, 230401	7.4	67
42	Asymptotic freedom and bound states in Hamiltonian dynamics. <i>Physical Review D</i> , 1998 , 57, 3558-3566	4.9	36
41	Analytic treatment of positronium spin splittings in light-front QED. <i>Physical Review D</i> , 1997 , 55, 6561-6583	4.9	29
40	Universality, marginal operators, and limit cycles. <i>Physical Review B</i> , 2004 , 69,	3.3	29
39	Dynamics of effective gluons. <i>Physical Review D</i> , 2001 , 63,	4.9	25
38	Renormalization of overlapping transverse divergences in a model light-front Hamiltonian. <i>Physical Review D</i> , 1993 , 47, 4657-4669	4.9	25
37	Asymptotic freedom in the front-form Hamiltonian for quantum chromodynamics of gluons. <i>Physical Review D</i> , 2015 , 92,	4.9	22
36	Special example of relativistic Hamiltonian field theory. <i>Physical Review D</i> , 1992 , 45, 3740-3754	4.9	22
35	Impact of bound states on similarity renormalization group transformations. <i>Physical Review D</i> , 2008 , 78,	4.9	18
34	Large-momentum convergence of Hamiltonian bound-state dynamics of effective fermions in quantum field theory. <i>Physical Review D</i> , 2002 , 66,	4.9	17
33	Fixed sources in light-front dynamics and Wilson's model of coupling-constant renormalization. <i>Physical Review D</i> , 1992 , 45, 3734-3739	4.9	16
32	Model of the AdS/QFT duality. <i>Physical Review D</i> , 2013 , 88,	4.9	15
31	Optimization of perturbative similarity renormalization group for Hamiltonians with asymptotic freedom and bound states. <i>Physical Review D</i> , 2003 , 67,	4.9	13
30	Harmonic oscillator force between heavy quarks. <i>Physical Review D</i> , 2004 , 69,	4.9	12
29	Limit cycles of effective theories. <i>Physical Review D</i> , 2007 , 75,	4.9	10

28	Boost-invariant Hamiltonian approach to heavy quarkonia. <i>Physical Review D</i> , 2006 , 74,	4.9	10
27	Renormalized Poincaré algebra for effective particles in quantum field theory. <i>Physical Review D</i> , 2002 , 65,	4.9	10
26	Renormalized quark-antiquark Hamiltonian induced by a gluon mass ansatz in heavy-flavor QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 773, 172-178	4.2	8
25	Calculation of size for bound-state constituents. <i>Physical Review D</i> , 2014 , 90,	4.9	7
24	Renormalization group procedure for effective particles: Elementary example of an exact solution with finite mass corrections and no involvement of vacuum. <i>Physical Review D</i> , 2012 , 85,	4.9	6
23	Hypothesis of Quark Binding by Condensation of Gluons in Hadrons. <i>Few-Body Systems</i> , 2012 , 52, 367-376	3.6	6
22	Special relativity constraints on an effective constituent theory of hybrids. <i>Physical Review D</i> , 2003 , 67,	4.9	6
21	Relativistic Hamiltonian dynamics of pions in nucleons. <i>Physical Review C</i> , 1996 , 53, 3097-3110	2.7	5
20	Relativistic scattering and bound-state properties in a special Hamiltonian model. <i>Physical Review D</i> , 1994 , 50, 971-979	4.9	5
19	Manifestation of proton structure in ridge-like correlations in high-energy proton-proton collisions. <i>Lithuanian Journal of Physics</i> , 2015 , 55,	1.1	5
18	Approximate Hamiltonian for baryons in heavy-flavor QCD. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	5
17	Proton Structure in High-Energy High-Multiplicity p-p Collisions. <i>Few-Body Systems</i> , 2016 , 57, 425-430	1.6	4
16	Fermion mass mixing and vacuum triviality in the renormalization group procedure for effective particles. <i>Physical Review D</i> , 2013 , 87,	4.9	4
15	Boost-invariant running couplings in effective Hamiltonians. <i>Physical Review D</i> , 1999 , 60,	4.9	4
14	Ridge effect, azimuthal correlations, and other novel features of gluonic string collisions in high energy photon-mediated reactions. <i>Physical Review D</i> , 2018 , 97,	4.9	3
13	Example of a Model for AdS/QFT Duality. <i>Few-Body Systems</i> , 2014 , 55, 463-469	1.6	2
12	Neutrino oscillations in the front form of Hamiltonian dynamics. <i>Physical Review D</i> , 2013 , 87,	4.9	2
11	Limit Cycles in Quantum Mechanics. <i>Lecture Notes in Physics</i> , 2006 , 65-78	0.8	2

10	Light-front Hamiltonians for heavy quarks and gluons. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 161, 59-68		2
9	Elementary example of energy and momentum of an extended physical system in special relativity. <i>American Journal of Physics</i> , 2017 , 85, 529-541	0.7	1
8	Renormalization group approach to quantum Hamiltonian dynamics. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530023	1.2	1
7	Effective Particles in Quantum Field Theory. <i>Few-Body Systems</i> , 2017 , 58, 1	1.6	1
6	Neutrino oscillations in the formal theory of scattering. <i>Physical Review D</i> , 2012 , 85,	4.9	1
5	Renormalization group procedure for effective particles in light-front Hamiltonian dynamics. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 90, 175-178		1
4	Proton Radius Puzzle in Hamiltonian Dynamics. <i>Few-Body Systems</i> , 2015 , 56, 311-317	1.6	
3	Asymptotic Freedom of Gluons in Hamiltonian Dynamics. <i>Few-Body Systems</i> , 2016 , 57, 509-513	1.6	
2	Fermion Mass Mixing in Vacuum. <i>Few-Body Systems</i> , 2014 , 55, 535-544	1.6	
1	Proton Structure in High-Energy High-Multiplicity $p\bar{p}$ Collisions 2017 , 55-60		