

# Zoltan Kunszt

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

1,945  
citations

567281

15  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Full one-loop amplitudes from tree amplitudes. Journal of High Energy Physics, 2008, 2008, 049-049.	4.7	206
2	One-jet inclusive cross section at order $\hat{s}^3$ : Quarks and gluons. Physical Review Letters, 1990, 64, 2121-2124.	7.8	200
3	Calculation of jet cross sections in hadron collisions at order $\hat{s}^3$ . Physical Review D, 1992, 46, 192-221.	4.7	184
4	One-loop helicity amplitudes for all $2 \hat{+} 2$ processes in QCD and N = 1 supersymmetric Yang-Mills theory. Nuclear Physics B, 1994, 411, 397-442.	2.5	171
5	d-dimensional unitarity cut method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 213-216.	4.1	166
6	One-loop calculations in quantum field theory: From Feynman diagrams to unitarity cuts. Physics Reports, 2012, 518, 141-250.	25.6	151
7	Jets at hadron colliders at order $\hat{s}^3$ : A look inside. Physical Review Letters, 1992, 69, 3615-3618.	7.8	140
8	Masses, fermions and generalized D-dimensional unitarity. Nuclear Physics B, 2009, 822, 270-282.	2.5	128
9	Two-jet production in hadron collisions at order $\hat{s}^3$ in QCD. Physical Review Letters, 1992, 69, 1496-1499.	7.8	124
10	Unitarity cuts and reduction to master integrals in dimensions for one-loop amplitudes. Journal of High Energy Physics, 2007, 2007, 111-111.	4.7	120
11	Singular terms of helicity amplitudes at one loop in QCD and the soft limit of the cross sections of multi-parton processes. Nuclear Physics B, 1994, 420, 550-564.	2.5	109
12	One-jet inclusive cross section at order $\hat{s}^3$ . Gluons only. Physical Review D, 1989, 40, 2188-2222.	4.7	95
13	One-loop amplitudes for $W + 3$ jet production in hadron collisions. Journal of High Energy Physics, 2009, 2009, 012-012.	4.7	68
14	One-Jet Inclusive Cross Section at Order $\hat{s}^3$ : Gluons Only. Physical Review Letters, 1989, 62, 726-729.	7.8	64
15	Efficient color-dressed calculation of virtual corrections. Nuclear Physics B, 2010, 840, 214-270.	2.5	18
16	Jet physics at hadron colliders. Nuclear Physics A, 2003, 715, 180c-188c.	1.5	1