

Sebastian Mizera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6255621/publications.pdf>

Version: 2024-02-01

34
papers

1,291
citations

331670

21
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Feynman integrals and intersection theory. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	102
2	Extensions of theories from soft limits. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	98
3	Scattering Amplitudes from Intersection Theory. <i>Physical Review Letters</i> , 2018, 120, 141602.	7.8	86
4	Combinatorics and topology of Kawai-Lewellen-Tye relations. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	78
5	Decomposition of Feynman integrals on the maximal cut by intersection numbers. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	72
6	Vector Space of Feynman Integrals and Multivariate Intersection Numbers. <i>Physical Review Letters</i> , 2019, 123, 201602.	7.8	71
7	Decorated tensor network renormalization for lattice gauge theories and spin foam models. <i>New Journal of Physics</i> , 2016, 18, 053009.	2.9	67
8	Renormalization of tensor networks using graph-independent local truncations. <i>Physical Review B</i> , 2018, 97, .	3.2	59
9	Scattering equations: from projective spaces to tropical grassmannians. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	51
10	Aspects of Scattering Amplitudes and Moduli Space Localization. <i>Springer Theses</i> , 2020, , .	0.1	48
11	Perturbative methods for effective field theories and the double copy. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	44
12	Kinematic Jacobi Identity is a Residue Theorem: Geometry of Color-Kinematics Duality for Gauge and Gravity Amplitudes. <i>Physical Review Letters</i> , 2020, 124, 141601.	7.8	40
13	Decomposition of Feynman integrals by multivariate intersection numbers. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	38
14	Can scalars have asymptotic symmetries?. <i>Physical Review D</i> , 2018, 97, .	4.7	37
15	Spectral dimension in causal set quantum gravity. <i>Classical and Quantum Gravity</i> , 2014, 31, 125007.	4.0	35
16	Inverse of the string theory KLT kernel. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	35
17	Scattering equations in AdS: scalar correlators in arbitrary dimensions. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	34
18	The S matrix of 6D super Yang-Mills and maximal supergravity from rational maps. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	33

#	ARTICLE	IF	CITATIONS
19	From infinity to four dimensions: higher residue pairings and Feynman integrals. Journal of High Energy Physics, 2020, 2020, 1.	4.7	32
20	Scattering equations: real solutions and particles on a line. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
21	CHY loop integrands from holomorphic forms. Journal of High Energy Physics, 2017, 2017, 1.	4.7	25
22	Crossing symmetry in the planar limit. Physical Review D, 2021, 104, .	4.7	22
23	Feynman polytopes and the tropical geometry of UV and IR divergences. Physical Review D, 2022, 105, .	4.7	22
24	Multi-colour detection of gravitational arcs. Astronomy and Astrophysics, 2014, 567, A111.	5.1	21
25	Monodromy relations from twisted homology. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
26	On unitarity of tree-level string amplitudes. Journal of High Energy Physics, 2022, 2022, 1.	4.7	19
27	Loop amplitudes monodromy relations and color-kinematics duality. Journal of High Energy Physics, 2021, 2021, 1.	4.7	16
28	Echoes of asymptotic silence in causal set quantum gravity. Classical and Quantum Gravity, 2017, 34, 16LT01.	4.0	15
29	Bounds on crossing symmetry. Physical Review D, 2021, 103, .	4.7	13
30	$\hat{\mathfrak{t}}$ -algebra and scattering amplitudes. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
31	Coaction and double-copy properties of configuration-space integrals at genus zero. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
32	String-theoretic deformation of the Parke-Taylor factor. Physical Review D, 2017, 96, .	4.7	7
33	Intersection Numbers of Twisted Differential Forms. Springer Theses, 2020, , 11-47.	0.1	0
34	Further Examples of Intersection Numbers. Springer Theses, 2020, , 77-90.	0.1	0