

Mao Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,661
citations

471509

17
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Scattering Amplitudes, the Tail Effect, and Conservative Binary Dynamics at $\mathcal{O}(\epsilon^4)$. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	7.8	73
2	Locally finite two-loop amplitudes for off-shell multi-photon production in electron-positron annihilation. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	15
3	Scattering Amplitudes and Conservative Binary Dynamics at $\mathcal{O}(\epsilon^4)$. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	7.8	147
4	Gravitational Bremsstrahlung from Reverse Unitarity. <i>Physical Review Letters</i> , 2021, 126, 201602.	7.8	90
5	Spinning black hole binary dynamics, scattering amplitudes, and effective field theory. <i>Physical Review D</i> , 2021, 104, .	4.7	104
6	Radiative classical gravitational observables at $\mathcal{O}(G^3)$ from scattering amplitudes. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	98
7	Extremal black hole scattering at $\mathcal{O}(G^3)$: graviton dominance, eikonal exponentiation, and differential equations. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	92
8	Two-loop integrals for planar five-point one-mass processes. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	47
9	Two-Loop Five-Point Amplitude in $\mathcal{N}=8$ Super-Yang-Mills Theory. <i>Physical Review Letters</i> , 2019, 122, 121603.	7.8	76
10	Scattering Amplitudes and the Conservative Hamiltonian for Binary Systems at Third Post-Minkowskian Order. <i>Physical Review Letters</i> , 2019, 122, 201603.	7.8	314
11	Differential equations from unitarity cuts: nonplanar hexa-box integrals. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	35
12	The two-loop five-point amplitude in $\mathcal{N}=8$ supergravity. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	52
13	Black hole binary dynamics from the double copy and effective theory. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	264
14	Dual Conformal Structure Beyond the Planar Limit. <i>Physical Review Letters</i> , 2018, 121, 121603.	7.8	22
15	Ultraviolet properties of $\mathcal{N}=8$ supergravity at five loops. <i>Physical Review D</i> , 2018, 98, .	4.7	98
16	First two-loop amplitudes with the numerical unitarity method. , 2018, , .		0
17	Manifesting enhanced cancellations in supergravity: integrands versus integrals. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
18	Differential equations on unitarity cut surfaces. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Five-loop four-point integrand of N supergravity as a generalized double copy. Physical Review D, 2017, 96, .	4.7	75
20	Dual conformal symmetry, integration-by-parts reduction, differential equations, and the nonplanar sector. Physical Review D, 2017, 96, .	4.7	25