Mao Zeng

List of Publications by Year
in descending order

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 and the Conservative Hamiltonian for Binary Systems at Third Post-Minkowskian Order. Physical Review Letters, 2019, 122, 201603.	7.8	314
2	Black hole binary dynamics from the double copy and effective theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	264
3	Scattering Amplitudes and Conservative Binary Dynamics at $\mathcal{O}(G^4)$ Tj ETQq1 1 0.78431	7.8	147
4	Spinning black hole binary dynamics, scattering amplitudes, and effective field theory. Physical Review D, 2021, 104, .	4.7	104
5	Ultraviolet properties of $\mathcal{N}=8$ supergravity at five loops. Physical Review D, 2018, 98, .	4.7	98
6	Radiative classical gravitational observables at $\mathcal{O}(G^3)$ from scattering amplitudes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	98
7	Extremal black hole scattering at $\mathcal{O}(G^3)$: graviton dominance, eikonal exponentiation, and differential equations. Journal of High Energy Physics, 2020, 2020, 1.	4.7	92
8	Gravitational Bremsstrahlung from Reverse Unitarity. Physical Review Letters, 2021, 126, 201602.	7.8	90
9	Two-Loop Five-Point Amplitude in $\mathcal{N}=4$ Super-Yang-Mills Theory. Physical Review Letters, 2019, 122, 121603.	7.8	76
10	Five-loop four-point integrand of $\mathcal{N}=8$ supergravity as a generalized double copy. Physical Review D, 2017, 96, .	4.7	75
11	Scattering Amplitudes, the Tail Effect, and Conservative Binary Dynamics at $\mathcal{O}(G^4)$ Tj ETQq1 1 0.78431	7.8	73
12	The two-loop five-point amplitude in $\mathcal{N}=8$ supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	52
13	Two-loop integrals for planar five-point one-mass processes. Journal of High Energy Physics, 2020, 2020, 1.	4.7	47
14	Differential equations from unitarity cuts: nonplanar hexa-box integrals. Journal of High Energy Physics, 2019, 2019, 1.	4.7	35
15	Dual conformal symmetry, integration-by-parts reduction, differential equations, and the nonplanar sector. Physical Review D, 2017, 96, .	4.7	25
16	Dual Conformal Structure Beyond the Planar Limit. Physical Review Letters, 2018, 121, 121603.	7.8	22
17	Differential equations on unitarity cut surfaces. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
18	Manifesting enhanced cancellations in supergravity: integrands versus integrals. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15

#	Article	IF	Citations
19	Locally finite two-loop amplitudes for off-shell multi-photon production in electron-positron annihilation. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
20	First two-loop amplitudes with the numerical unitarity method. , 2018, , .		0