Adam Pound

List of Publications by Year in Descending Order

29 papers	**1,274** citations	**21** h-index	**33** g-index
33 ext. papers	**1,569** ext. citations	**6** avg, IF	**5.58** L-index

#	Paper	IF	Citations
29	Self-force calculations with a spinning secondary. *Physical Review D*, **2022**, 105,	4.9	2
28	Black Hole Perturbation Theory and Gravitational Self-Force **2022**, 1411-1529		
27	Gravitational-Wave Energy Flux for Compact Binaries through Second Order in the Mass Ratio. *Physical Review Letters*, **2021**, 127, 151102	7.4	4
26	Two-timescale evolution of extreme-mass-ratio inspirals: Waveform generation scheme for quasicircular orbits in Schwarzschild spacetime. *Physical Review D*, **2021**, 103,	4.9	14
25	Second-order gravitational self-force in a highly regular gauge. *Physical Review D*, **2021**, 103,	4.9	5
24	Black Hole Perturbation Theory and Gravitational Self-Force **2021**, 1-119		2
23	Second-Order Self-Force Calculation of Gravitational Binding Energy in Compact Binaries. *Physical Review Letters*, **2020**, 124, 021101	7.4	25
22	Self-force and radiation reaction in general relativity. *Reports on Progress in Physics*, **2019**, 82, 016904	14.4	92
21	Nonlinear gravitational self-force: Second-order equation of motion. *Physical Review D*, **2017**, 95,	4.9	23
20	Completion of metric reconstruction for a particle orbiting a Kerr black hole. *Physical Review D*, **2016**, 94,	4.9	31
19	Second-order perturbation theory: The problem of infinite mode coupling. *Physical Review D*, **2016**, 94,	4.9	21
18	Linear-in-mass-ratio contribution to spin precession and tidal invariants in Schwarzschild spacetime at very high post-Newtonian order. *Physical Review D*, **2015**, 91,	4.9	32
17	Gauge and motion in perturbation theory. *Physical Review D*, **2015**, 92,	4.9	18
16	Second-order perturbation theory: Problems on large scales. *Physical Review D*, **2015**, 92,	4.9	31
15	Research Update on Extreme-Mass-Ratio Inspirals. *Journal of Physics: Conference Series*, **2015**, 610, 012002	0.3	38
14	Motion of Small Objects in Curved Spacetimes: An Introduction to Gravitational Self-Force. *Fundamental Theories of Physics*, **2015**, 399-486	0.8	22
13	Practical, covariant puncture for second-order self-force calculations. *Physical Review D*, **2014**, 89,	4.9	41

LIST OF PUBLICATIONS

12	Gravitational self-force from radiation-gauge metric perturbations. *Physical Review D*, **2014**, 89,	4.9	50
11	Conservative effect of the second-order gravitational self-force on quasicircular orbits in Schwarzschild spacetime. *Physical Review D*, **2014**, 90,	4.9	28
10	Second-order gravitational self-force. *Physical Review Letters*, **2012**, 109, 051101	7.4	85
9	Nonlinear gravitational self-force: Field outside a small body. *Physical Review D*, **2012**, 86,	4.9	49
8	Magneto-optical conductivity in graphene including electron-phonon coupling. *Physical Review B*, **2012**, 85,	3.3	32
7	The Motion of Point Particles in Curved Spacetime. *Living Reviews in Relativity*, **2011**, 14, 7	32.5	378
6	Effects of electron-phonon coupling on Landau levels in graphene. *Physical Review B*, **2011**, 84,	3.3	22
5	Singular perturbation techniques in the gravitational self-force problem. *Physical Review D*, **2010**, 81,	4.9	28
4	Self-consistent gravitational self-force. *Physical Review D*, **2010**, 81,	4.9	84
3	Multiscale analysis of the electromagnetic self-force in a weak gravitational field. *Physical Review D*, **2008**, 77,	4.9	32
2	Osculating orbits in Schwarzschild spacetime, with an application to extreme mass-ratio inspirals. *Physical Review D*, **2008**, 77,	4.9	82
1	New metric reconstruction scheme for gravitational self-force calculations. *Classical and Quantum Gravity*,	3.3	1