Ryoji Takahashi

List of Publications by Year
in descending order

15 papers	**1,204** citations	840776 **11** h-index	1058476 **14** g-index
15 all docs	**15** docs citations	**15** times ranked	**673** citing authors

#	Article	IF	Citations
1	Determination of the number of atoms present in nano contact based on shot noise measurements with highly stable nano-fabricated electrodes. Nanotechnology, 2016, 27, 295203.	2.6	2
2	Extension of Photopolymerization Region from the Nanoscale to the Macroscopic Scale Using a Chemically Amplified Photoresist. Bulletin of the Chemical Society of Japan, 2015, 88, 277-282.	3.2	0
3	Ligand Binding Mechanism in Steroid Receptors: From Conserved Plasticity to Differential Evolutionary Constraints. Structure, 2015, 23, 2280-2290.	3.3	96
4	Monte Carlo Free Ligand Diffusion with Markov State Model Analysis and Absolute Binding Free Energy Calculations. Journal of Chemical Theory and Computation, 2014, 10, 282-288.	5.3	37
5	Atomic Level Rendering of DNA-Drug Encounter. Biophysical Journal, 2014, 106, 421-429.	0.5	9
6	Are moving punctures equivalent to moving black holes?. Classical and Quantum Gravity, 2007, 24, 3911-3918.	4.0	12
7	Accurate Evolution of Orbiting Binary Black Holes. Physical Review Letters, 2006, 96, 121101.	7.8	66
8	Towards standard testbeds for numerical relativity. Classical and Quantum Gravity, 2004, 21, 589-613.	4.0	87
9	Gauge conditions for long-term numerical black hole evolutions without excision. Physical Review D, 2003, 67, .	4.7	427
10	Three-dimensional distorted black holes. Classical and Quantum Gravity, 2003, 20, 1-20.	4.0	18
11	Gauge Conditions for Long-Term Numerical Black Hole Evolution With or Without Excision. Lecture Notes in Physics, 2003, , 140-158.	0.7	1
12	SYMMETRY WITHOUT SYMMETRY: NUMERICAL SIMULATION OF AXISYMMETRIC SYSTEMS USING CARTESIAN GRIDS. International Journal of Modern Physics D, 2001, 10, 273-289.	2.1	121
13	3D Grazing Collision of Two Black Holes. Physical Review Letters, 2001, 87, 271103.	7.8	72
14	Black hole excision for dynamic black holes. Physical Review D, 2001, 64, .	4.7	100
15	Towards a stable numerical evolution of strongly gravitating systems in general relativity: The conformal treatments. Physical Review D, 2000, 62, .	4.7	156