Yoichi Asada

List of Publications by Year
in descending order

12 papers	258 citations	1478505 6 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	199 citing authors

#	Article	IF	Citations
1	Anderson Transition in Two-Dimensional Systems with Spin-Orbit Coupling. Physical Review Letters, 2002, 89, 256601.	7.8	108
2	Numerical estimation of the β function in two-dimensional systems with spin-orbit coupling. Physical Review B, 2004, 70, .	3.2	61
3	Fluctuations of the Lyapunov exponent in two-dimensional disordered systems. Physical Review B, 2004, 70, .	3.2	33
4	Anderson Transition in the Three Dimensional Symplectic Universality Class. Journal of the Physical Society of Japan, 2005, 74, 238-241.	1.6	25
5	Possible Anderson transition below two dimensions in disordered systems of noninteracting electrons. Physical Review B, 2006, 73, .	3.2	12
6	Numerical Study of the Dynamical Conductivity in Carbon Nanotubes. Journal of the Physical Society of Japan, 2006, 75, 094711.	1.6	7
7	Quantum transport phenomena in disordered electron systems with spin–orbit coupling in two dimensions and below. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 228-231.	2.7	4
8	The Chiral Symplectic Universality Class. Journal of the Physical Society of Japan, 2003, 72, 145-146.	1.6	4
9	Theory of quantum transport in carbon nanotubes: Perfect conductance, dynamical conductivity, and inter-wall interaction. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1882-1891.	1.8	2
10	The Anderson transition due to random spin–orbit coupling in 2D. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 274-275.	2.7	1
11	Scaling and Fluctuations of the Lyapunov Exponent in a 2D Anderson Localisation Problem. Journal of the Physical Society of Japan, 2003, 72, 173-174.	1.6	1
12	Dynamical response of the perfect conducting channel in carbon nanotubes. AIP Conference Proceedings, 2007, , .	0.4	0