Ryuichi Ohta

List of Publications by Year
in descending order

11	212	1163117 8	1474206 9
papers	citations	h-index	g-index

11	11	11	334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rare-Earth-Mediated Optomechanical System in the Reversed Dissipation Regime. Physical Review Letters, 2021, 126, 047404.	7.8	13
2	Strain-induced exciton decomposition and anisotropic lifetime modulation in a GaAs micromechanical resonator. Physical Review B, 2019, 99, .	3.2	0
3	Large vacuum Rabi splitting between a single quantum dot and an H0 photonic crystal nanocavity. Applied Physics Letters, 2018, 112, .	3.3	27
4	An opto-electro-mechanical system based on evanescently-coupled optical microbottle and electromechanical resonator. Applied Physics Letters, 2018, 112, .	3.3	13
5	Dynamic Control of the Coupling between Dark and Bright Excitons with Vibrational Strain. Physical Review Letters, 2018, 120, 267401.	7.8	16
6	Feedback control of multiple mechanical modes in coupled micromechanical resonators. Applied Physics Letters, 2017, 110, 053106.	3.3	10
7	Vacuum Rabi Spectra of a Single Quantum Emitter. Physical Review Letters, 2015, 114, 143603.	7.8	31
8	Wide range Q-factor control in a photonic crystal nanobeam cavity incorporating quantum dots. , 2013, , .		0
9	Electro-Mechanical Q Factor Control of Photonic Crystal Nanobeam Cavity. Japanese Journal of Applied Physics, 2013, 52, 04CG01.	1.5	6
10	High guided modeâ€“cavity mode coupling for an efficient extraction of spontaneous emission of a single quantum dot embedded in a photonic crystal nanobeam cavity. Physical Review B, 2012, 86, .	3.2	12
11	Strong coupling between a photonic crystal nanobeam cavity and a single quantum dot. Applied Physics Letters, 2011, 98, .	3.3	84