

1. Record Nr.	UNINA9910716713303321
Titolo	Big Thicket National Preserve, Texas / / National Park Service, U.S. Department of the Interior
Pubbl/distr/stampa	[Washington, D.C.] : , : Forest Service, , 1988
Edizione	[[1988 rev. ed.].]
Descrizione fisica	1 online resource (1 map) : color
Soggetti	Maps. Big Thicket National Preserve (Tex.) Maps Texas Big Thicket National Preserve
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	"*GPO: 1988--201-941/80121. Reprint 1988." "Official map and guide." Includes location map. Text, color illustrations, and location map on verso.

2. Record Nr.	UNINA9910437803203321
Autore	Mizuse Kenta
Titolo	Spectroscopic investigations of hydrogen bond network structures in water clusters // Kenta Mizuse
Pubbl/distr/stampa	Tokyo ; ; New York, : Springer, c2013
ISBN	4-431-54312-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (185 p.)
Collana	Springer theses, , 2190-5053
Disciplina	541.2/24
Soggetti	Hydrogen bonding Water - Spectra
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Doctoral thesis accepted by Tohoku University, Sendai, Japan."--t.p.
Nota di contenuto	General Introduction -- Infrared spectroscopy of chromophore-labeled water clusters phenol-(H ₂ O) _n (n < ~50) -- Infrared spectroscopy of large protonated water clusters H ⁺ (H ₂ O) _n (n 221) -- Tuning of the Internal Energy and Isomer Distribution in Protonated Water Clusters H ⁺ (H ₂ O) _n (n 50): Towards a more detailed understanding of structures and dynamics -- Infrared spectroscopy of water cluster radical cations (H ₂ O) _n ⁺ (n 11) -- Conclusions and future work.
Sommario/riassunto	The properties and nature of water clusters studied with novel spectroscopic approaches are presented in this thesis. Following a general introduction on the chemistry of water and water clusters, detailed descriptions of the experiments and analyses are given. All the experimental results, including first size-selective spectra of large clusters consisting of 200 water molecules, are presented with corresponding analyses. Hitherto unidentified hydrogen bond network structures, dynamics, and reactivity of various water clusters have been characterized at the molecular level. The main targets of this book are physical chemists and chemical physicists who are interested in water chemistry or cluster chemistry.