

1. Record Nr.	UNINA9910457964103321
Titolo	Hydrocolloids . Part 2 Fundamentals and applications in food, biology, and medicine [[electronic resource] /] / edited by Katsuyoshi Nishinari
Pubbl/distr/stampa	Amsterdam ; ; New York, : Elsevier, 2000
ISBN	1-281-04827-5 0-08-053429-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (982 p.)
Altri autori (Persone)	NishinariKatsuyoshi
Disciplina	541.3/4513 21 660.2945
Soggetti	Hydrocolloids Colloids Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers presented at Osaka City University International Symposium 98, joint meeting with the 4th International Conference on Hydrocolloids, held Oct. 4-10, 1998.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Cover; Part One; Volume I Cover; Hydrocolloids: Physical Chemistry and Industrial Application of Gels, Polysaccharides, and Proteins; Copyright Page; Preface to Part 1; Contents; PART 1: Introductory Lecture; Chapter 1. Short -range and long-range forces between hydrophilic surfaces and biopolymers in aqueoussolutions; PART 2: Structure Of Gels And Gelation; Chapter 2. Thermoreversible gelation with multiple junctions in associating polymers; Chapter 3. Effect of electric charges on the volume phase transition of thermosensitive gels.; Chapter 4. Structure and dynamics of ovalbumin gels Chapter 5. Thermoreversible gelation strongly coupled to polymer conformational transition Chapter 6. Hydrogels from N-isopropylacrylamide oligomer; Chapter 7. Kinetic effects of the gel size on the thermal behavior of poly- (N-isopropylacrylamide) gels : a calorimetric study; Chapter 8. Characterizations of dehydrated polyacrylamide gel and its formation process; Chapter 9. Viscoelastic behavior of tungstic acid gel during the gelation process; Chapter 10. The volume phase transition of DNA and RNA gels

Chapter 11. Rheological properties and microstructure of monodispersed O/W emulsion agar gel
PART 3: Polysaccharides;
Chapter 12. Viewing biopolymer networks, their formation and breakdown by AFM;
Chapter 13. Thermally induced gels obtained with some amphiphilic polysaccharide derivatives: synthesis, mechanism and properties;
Chapter 14. Industrial production of new emulsifying polysaccharide by plant cell culture;
Chapter 15. Production and applications of novel plant cell culture polysaccharides;
Chapter 16. Structural features of polysaccharide of *Hericium erinaceum*
Chapter 17. Structural and physical features of polysaccharide of *Tremella aurantia*
Chapter 18. Dynamic light scattering of dilute and semi-dilute xanthan solutions and comparison with rheological characteristics;
Chapter 19. Relationships between structural features, molecular weight and rheological properties of cereal β -D-glucans;
Chapter 20. New biopolymers produced by nitrogen fixing microorganisms for use in foods;
Chapter 21. Studies on production and rheology of a polysaccharide synthesized by *Beijerinckia* sp strain 7070
Chapter 22. Heteropolysaccharides produced by *Xanthomonas campestris* pv *pruni* C24
Chapter 23. Rheological properties of guar galactomannan solutions filled with PARTICULATE inclusions;
Chapter 24. Characterization of chitosan film and structure in solution;
Chapter 25. Elsinan, a potential food hydrocolloid produced by *elsinoe* species: properties and enzymatic degradation;
Chapter 26. Effects of alkali metal salts on the viscoelasticity of κ -carrageenan and γ -carrageenan;
Chapter 27. Texture and structure of high-pressure-frozen konjac
Chapter 28. Extraction of highly gelling pectins from sugar beet pulp

Sommario/riassunto

Hydrocolloids

2. Record Nr.	UNISA996384435003316
Titolo	The treasure of tranquillity. Or A manuell of morall discourses [[electronic resource]] : tending to the tranquillity of minde. Translated out of French by I.M. Master of Arts
Pubbl/distr/stampa	London, : Printed by Nicholas Okes, for Samuel Rand, and are to be sold at his shop neere Holborne Bridge, 1611
Descrizione fisica	[42], 155, [5] p
Altri autori (Persone)	MaxwellJames <b. 1581.>
Soggetti	Conduct of life
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A translation, by James Maxwell, of the French original. Errata on a10r. Running title reads: A manuell of morall discourses. Reproduction of the original in the Cambridge University Library.
Sommario/riassunto	eebo-0021