

1. Record Nr.	UNINA990009747330403321
Autore	Burnet, F. M. <Frank Macfarlane>
Titolo	Cellular immunology / Macfarlane Burnet
Pubbl/distr/stampa	Carlton : Melbourne University press, 1969
ISBN	0522838952
Descrizione fisica	VIII, 725 p., [4] c. di tav. : ill. ; 22 cm
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Sul front. Books one and two
2. Record Nr.	UNINA9910557593903321
Autore	Stadler Florian J
Titolo	Functional Polymer Solutions and Gels-Physics and Novel Applications : Physics and Novel Applications
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (260 p.)
Soggetti	Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	"Functional Polymer Solutions and Gels-Physics and Novel Applications" contains a broad range of articles in this vast field of polymer and soft

matter science. It shows insight into the field by highlighting how sticky (non-covalent) chemical bonds can assemble a seemingly water-like liquid into a gel, how ionic liquids influence the gelation behavior of poly(N-Isopropylacrylamide) as well as how the molecular composition of functional copolymers is reflected in the temperature-responsiveness. These physics were augmented by theoretical works on drag-reduction. Also, drug-release - an improved control of how fast or dependent on an external factor - and antibacterial properties were the topic of several works. Biomedical applications on how cell growth can be influenced and how vessels in biological systems, e.g., blood vessels, can be improved by functional polymers were complemented with papers on tomography by using gels. On totally different lines, also the topic of how asphalt can be improved and how functional polymers can be used for the enrichment and removal of substances. These different papers are a good representation of the whole area of functional polymers.
