1. Record Nr. UNISALENTO991002573549707536

Autore	Thiel, Johannes Hendrik, 1896-1974
Titolo	The inscription from Troezen / J. H. Thiel
Pubbl/distr/stampa	Amsterdam : Noord-Hollandsche Uitgevers Maatschappij, 1962
Descrizione fisica	19 p. ; 24 cm.
Collana	Mededeelingen der Koninklijke Nederlandsche Akademie van Wetenschappen, Afd. Letterkunde ; 25, 8
Soggetti	Iscrizioni greche - Grecia - Troezen
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	p. 525-541

2. Record Nr. UNISALENTO991001644939707536

Autore	Kirby, Brian J.
Titolo	Micro- and nanoscale fluid mechanics : transport in microfluidic devices / Brian Kirby
Pubbl/distr/stampa	New York : Cambridge University Press, 2010
ISBN	9780521119030
Descrizione fisica	xxiii, 512 p. : ill. ; 26 cm
Disciplina	620.1064
Soggetti	Microfluidic devices Microfluidics Nanofluids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Machine generated contents note: 1. Kinematics, conservation equations, and boundary conditions for incompressible flow; 2. Unidirectional flow; 3. Hydraulic circuit analysis; 4. Passive scalar

transport: dispersion, patterning, and mixing, 5. Electrostatics and electrodynamics; 6. Electroosmosis; 7. Potential fluid flow; 8. Stikes flow; 9. The diffuse structure of the electrical double layer; 10. Zeta potential in microchannels; 11. Species and charge transport; 12. Microchip chemical separations; 13. Particle electrophoresis; 14. DNA transport and analysis; 15. Nanofluidics: fluid and current flow in molecular-scale and thick-double-layer systems; 16. AC electrokinetics and the dynamics of diffuse charge; 17. Particle and droplet actuation: dielectrophoresis, magnetophoresis, and digital microfluidics; A. Units and fundamental constants; B. Properties of electrolyte solutions; C. Coordinate systems and vector calculus; D. Governing equation reference; E. Nondimensionalization and characteristic parameters; F. Multipolar solutions to the Laplace and Stokes equations; G. Complex functions; H. Interaction potentials: atomistic modeling of solvents and solutes