

1. Record Nr.	UNISA996320862203316
Titolo	European medical journal Hepatology
Pubbl/distr/stampa	[Chelmsford, England] : , : European Medical Journal
Descrizione fisica	1 online resource
Soggetti	Hepatology Gastroenterology Periodicals. Periodical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed
2. Record Nr.	UNINA9911034479003321
Autore	Cantarella Giulio E
Titolo	Urban Traffic Analysis and Control : The Key Challenges in the Era of ITS
Pubbl/distr/stampa	Stevenage : , : Institution of Engineering & Technology, , 2025 ©2025
ISBN	1-83724-391-3 1-83953-717-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (420 pages)
Collana	Transportation Series
Altri autori (Persone)	Di PaceRoberta
Disciplina	388.413143
Soggetti	Intelligent transportation systems Traffic flow - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Contents -- List of contributors -- Foreword -- Preface --

Acknowledgement -- About the editors -- Part I: Traffic flow analysis -- 1. Basic definitions and notations | Giulio Erberto Cantarella -- 2. Steady-state models | Giulio Erberto Cantarella -- 3. Dynamic models | Roberta Di Pace and Chiara Colombaroni -- Part II: Traffic control -- 4. Common definitions | Giulio Erberto Cantarella -- 5. Priority rules analysis | Orlando Giannattasio -- 6. Roundabouts analysis | Orlando Giannattasio -- 7. Analysis and control | Giulio Erberto Cantarella and Orlando Giannattasio -- 8. Systems of signalised junctions analysis and control | Giulio Erberto Cantarella and Orlando Giannattasio -- 9. Dynamic analysis and control | Roberta Di Pace -- Part III: Intelligent transportation systems -- 10. Advanced traffic management strategies | Roberta Di Pace and Franco Filippi -- 11. Advanced traveller information systems | Stefano de Luca and Roberta Di Pace -- 12. Advanced driving assistance systems | Roberta Di Pace and Luigi Pariota -- 13. Connected, cooperative, and automated mobility ecosystem | Roberta Di Pace and Facundo Storani -- Part IV: Impacts -- 14. Introduction | Roberta Di Pace and Stefano de Luca -- 15. Safety | Maria Rella Riccardi and Antonella Scarano -- 16. Road traffic noise | Claudio Guarnaccia -- 17. Emissions and energy consumption | Anna Laura Pala -- Appendix A: Control theory -- Postface -- Index

Sommario/riassunto

Presenting the theory of fixed and adaptive urban signal setting design at both the single junction and network levels, this book explores advances in intelligent transportation systems, the impact of connected and cooperative vehicles on traffic analysis and control, and strategies for optimising safety, fuel consumption and emissions.
