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Titolo	Neonatal and pediatric pharmacology : therapeutic principles in practice // [edited by] Sumner J. Yaffe, Jacob V. Aranda
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Altri autori (Persone)	ArandaJacob V
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Neonatal and Pediatric Pharmacology""; ""Contributors""; ""Foreword to the Fourth Edition""; ""Preface to the Third Edition""; ""Preface to the Fourth Edition""; ""Introduction and Historical Perspectives""; ""Clinical Pharmacokinetics in Infants and Children""; ""Drug Action and Therapy in the Infant and Child""; ""Drug Metabolism and Disposition in Infants and Children""; ""Pharmacogenetics, Pharmacogenomics, and Pharmacoproteomics""; ""Adherence with Pediatric Medication Regimens""; ""Clinical Trials Involving Children:""; ""Ethics of Drug Research in Pediatric Populations"" ""Therapeutic Drug Monitoring""""Drug Formulations""; ""Developmental Toxicology""; ""Biotransformation of Medications by Human Placenta""; ""Maternal Drug Intake and the Newborn""; ""Principles of Neonatal Pharmacology""; ""Perinatal Origins of Adult Defects in Drug Metabolism""; ""Renal Function and Excretion of Drugs in the Newborn""; ""The Excretion of Drugs and Chemicals in Human Milk""; ""Drugs for Hyperbilirubinemia""; ""Drugs and Lung Development""; ""Pharmacologic Treatment of Neonatal Apnea""; ""Drugs and Perinatal Brain Injury""

""Antiretroviral Pharmacology in Pregnant Women and Newborns""
 Therapeutic Applications in Pediatric Intensive Care""; ""Drug Therapy in
 the Pediatric Emergency Department""; ""Drug Therapy in the
 Adolescent""; ""Topical Medications""; ""Ophthalmologic Drugs in
 Infants and Children""; ""Sulfonamides""; ""Penicillins, Cephalosporins,
 and Other""; ""-Lactams""; ""Aminoglycosides and Glycopeptides"";
 ""Fluoroquinolones""; ""Macrolides, Chloramphenicol, and
 Tetracyclines""; ""Anthelmintic Drugs in Children""; ""Antituberculosis
 Drugs""; ""Antifungal Agents""
 ""Antiviral Drugs: Treatment of the Fetus and Newborn""
 Anticonvulsants""; ""Psychopharmacology in Children and
 Adolescents""; ""Antihistamine Drugs""; ""Antiasthmatics"";
 ""Antipyretics""; ""Cardiovascular Drugs""; ""Diuretics""; ""Clinical
 Pharmacology of Antineoplastic Drugs""; ""Immunosuppressive and
 Immunomodulatory Drugs""; ""Analgesic Agents""; ""Local Anesthetic
 Solutions for Regional Anesthesia in Infants, Children, and
 Adolescents""; ""Nonsteroidal Anti-Inflammatory Drugs"";
 ""Antihypertensive Agents""; ""Gastrointestinal Drugs"";
 ""Glucocorticoids""
 ""Insulin and Diabetes Mellitus"" ""Thyroid Hormones""; ""Growth
 Hormone""; ""Hematologic Agents""; ""Nutrient Supplements"";
 ""Childhood Vaccines""; ""Epidemiology of Adverse Drug Effects"";
 ""Mechanisms of Adverse Drug Reactions in Children""; ""Medication
 Errors""; ""Pediatric Poisonings and Antidotes""; ""Use of Herbal
 Products in Children: Risks and Unproven Benefits""; ""Pharmacologic
 Management of Neonatal Abstinence Syndrome""; ""Drug Interactions in
 Newborns and Children""; ""Drug Formulary for the Newborn"";
 ""Pediatric Drug Formulary""; ""Index""

Sommario/riassunto

"Neonatal and Pediatric Pharmacology offers guidelines for safe, effective, and rational drug therapy in newborns, children and adolescents. The book provides relevant and useful data on the molecular, physiologic, biochemical, and pharmacologic mechanisms of drug action and therapy in this population. The authors identify areas of innovative basic and translational research necessary for the continuing evaluation and development of drugs for the fetus, newborns, children and adolescents. Neonatal and Pediatric Pharmacology is a valuable reference for all health care professionals who treat the fetus, newborns, children, and adolescents, including neonatologists, nurses, pediatricians, general practitioners, students, obstetricians, perinatologists, surgeons and allied health professionals. It will be useful anytime during the day and especially in the middle of the night when knowledge of appropriate indications, safe and effective use, dosage, and therapeutic regimen for a certain drug or molecular entity is immediately needed. The book is also directed to those involved in basic, clinical, and other academic pharmacological research, the pharmaceutical industry, and regulatory agencies dealing with drug and therapeutic developments for this population. Those teaching pharmacology and therapeutics will find this compilation of information extremely useful in preparing teaching materials"--
 Provided by publisher.

2. Record Nr.	UNINA9910739409103321
Autore	Arthur Richard T. W
Titolo	The Reality of Time Flow : Local Becoming in Modern Physics // by Richard T. W. Arthur
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-15948-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (294 pages)
Collana	The Frontiers Collection, , 2197-6619
Disciplina	530.11
Soggetti	Physics - Philosophy Science - Philosophy Cosmology Mathematical physics Philosophical Foundations of Physics and Astronomy Philosophy of Science Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The problem of time in classical philosophy -- Modern objections to time's passage -- Classical physics and temporal becoming -- Special relativity and the lapse of time -- Relativity and the present -- Time in general relativity -- Becoming in quantum theory -- Conclusion. .
Sommario/riassunto	It is commonly held that there is no place for the 'now' in physics, and also that the passing of time is something subjective, having to do with the way reality is experienced but not with the way reality is. Indeed, the majority of modern theoretical physicists and philosophers of physics contend that the passing of time is incompatible with modern physical theory, and excluded in a fundamental description of physical reality. This book provides a forceful rebuttal of such claims. In successive chapters the author explains the historical precedents of the modern opposition to time flow, giving careful expositions of matters relevant to becoming in classical physics, the special and general theories of relativity, and quantum theory, without presupposing prior

expertise in these subjects. Analysing the arguments of thinkers ranging from Aristotle, Russell, and Bergson to the proponents of quantum gravity, he contends that the passage of time, understood as a local becoming of events out of those in their past at varying rates, is not only compatible with the theories of modern physics, but implicit in them. .
