1. Record Nr. UNINA9910298419203321

Titolo	Synthetic Cathinones : Novel Addictive and Stimulatory Psychoactive Substances / / edited by Jolanta B. Zawilska
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-78707-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (115 pages)
Collana	Current Topics in Neurotoxicity, , 2363-9563 ; ; 12
Disciplina	615.1
Soggetti	Neurosciences Pharmacology Pharmacology/Toxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Novel Psychoactive Substances: classification and General Information -- Khat – A Natural Precursor of Synthetic Cathinones -- Analytical Techniques for the Detection of Synthetic Cathinones and Their Metabolites -- Metabolism of Synthetic Cathinones -- Monoamine Transporter and Receptor Interaction Profiles of Synthetic Cathinones -- Effects of Synthetic Cathinones on Brain Neurotransmitters -- Behavioral Profiles and Underlying Transmitters Circuits of Cathinone-Derived Psychostimulant Drugs of Abuse -- Synthetic Cathinones – Prevalence and Motivation of Use -- The Effects and Risks Associated with Synthetic Cathinones Use in Humans -- Concluding Remarks.
Sommario/riassunto	Over the last decade a rapidly increasing number of novel psychoactive substance (NPSs), often marketed as “designer drugs”, “legal highs”, “herbal highs”, “research or intermediate chemicals” and “laboratory reagents”, has appeared on the drug market worldwide in an effort to bypass controlled substance legislation. NPSs encompass a wide range of different compounds and drug classes but had been dominated by synthetic cannabinomimetics and psychostimulatory synthetic cathinones, so-called b-keto amphetamines. Compounds from the later class were first detected in Europe in 2004, and since that time more than 130 new cathinones have been identified and reported to

the European Monitoring Centre for Drugs and Drug Addiction. The rapid and extensive worldwide rise of synthetic cathinone abuse is attracting increasing attention, due to many intoxications and overdose deaths.