

New psychoactive substances: a review and updates

Therapeutic Advances in Psychopharmacology

10, 204512532096719

DOI: [10.1177/2045125320967197](https://doi.org/10.1177/2045125320967197)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Rapid quantitation of three synthetic cathinones in urine by magnetic dispersive solid-phase extraction combined with DART-HRMS. <i>Analytical Methods</i> , 2021, 13, 5048-5055. | 1.3 | 5 |
| 2 | Detection, discrimination and quantification of amphetamine, cathinone and <i>l</i> -ephedrine regioisomers using benchtop ¹ H and ¹⁹ F nuclear magnetic resonance spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2023, 61, 73-82. | 1.1 | 7 |
| 3 | Original enantioseparation of illicit fentanyls with cellulose-based chiral stationary phases under polar-ionic conditions. <i>Journal of Chromatography A</i> , 2021, 1643, 462088. | 1.8 | 4 |
| 4 | Molecular Mechanisms of Action of Novel Psychoactive Substances (NPS). A New Threat for Young Drug Users with Forensic-Toxicological Implications. <i>Life</i> , 2021, 11, 440. | 1.1 | 11 |
| 5 | Toxicology of Psychoactive Substances. <i>Critical Care Clinics</i> , 2021, 37, 517-541. | 1.0 | 2 |
| 6 | Fatal intoxication related to two new arylcyclohexylamine derivatives (2F-DCK and 3-MeO-PCE). <i>Forensic Science International</i> , 2021, 324, 110852. | 1.3 | 25 |
| 7 | Recreational N ₂ O use: just laughing or really bad news?. <i>Addiction</i> , 2022, 117, 268-269. | 1.7 | 8 |
| 8 | HPA Axis in the Pathomechanism of Depression and Schizophrenia: New Therapeutic Strategies Based on Its Participation. <i>Brain Sciences</i> , 2021, 11, 1298. | 1.1 | 96 |
| 9 | Chemsex-related crime and vulnerability: A public health and criminal justice priority. <i>Medicine, Science and the Law</i> , 2021, 61, 247-249. | 0.6 | 3 |
| 10 | A comprehensive UHPLC-MS/MS screening method for the analysis of 98 New Psychoactive Substances and related compounds in human hair. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114310. | 1.4 | 13 |
| 11 | New insights into methoxetamine mechanisms of action: Focus on serotonergic 5-HT ₂ receptors in pharmacological and behavioral effects in the rat. <i>Experimental Neurology</i> , 2021, 345, 113836. | 2.0 | 4 |
| 12 | Online surveillance of novel psychoactive substances (NPS): Monitoring Reddit discussions as a predictor of increased NPS-related exposures. <i>International Journal of Drug Policy</i> , 2021, 98, 103393. | 1.6 | 22 |
| 13 | Artificial intelligence to detect unknown stimulants from scientific literature and media reports. <i>Food Control</i> , 2021, 130, 108360. | 2.8 | 4 |
| 14 | Acute drug poisonings leading to hospitalization. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, , . | 1.2 | 5 |
| 15 | SELF-ASSESSMENT OF KNOWLEDGE OF EMERGENCY MEDICAL SERVICES SYSTEM EMPLOYEES ON NEW PSYCHOACTIVE SUBSTANCES – CURRENT STATUS AND DEVELOPMENT PROSPECTS. <i>Emergency Medical Service</i> , 2021, 8, 232-239. | 0.1 | 0 |
| 16 | Prevalence of cathinones and other new psychoactive substances in hair of parents and children of families with known or suspected parental abuse of conventional illegal drugs. <i>Forensic Science International</i> , 2022, 331, 111148. | 1.3 | 7 |
| 17 | Significant toxicity following an increase in poisonings with designer benzodiazepines in the Netherlands between 2010 and 2020. <i>Drug and Alcohol Dependence</i> , 2022, 231, 109244. | 1.6 | 8 |
| 18 | Rapid Targeted Method of Detecting Abused Piperazine Designer Drugs. <i>Journal of Clinical Medicine</i> , 2021, 10, 5813. | 1.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Knowledge and Use of Novel Psychoactive Substances in an Italian Sample with Substance Use Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 915. | 1.2 | 2 |
| 20 | Development and validation of a UHPLC-HRMS-QTOF method for the detection of 132 New Psychoactive Substances and synthetic opioids, including fentanyl, in Dried Blood Spots. <i>Talanta</i> , 2022, 241, 123265. | 2.9 | 8 |
| 21 | Forensic patients'™ experiences of Synthetic Cannabinoid Receptor Agonists (SCRAs) within custodial settings. <i>Journal of Forensic Psychiatry and Psychology</i> , 2022, 33, 152-171. | 0.6 | 2 |
| 22 | Opioid Reinforcement: What It Is And How It Can Be Modulated By Cannabinoids. , 2022, , 1-28. | | 0 |
| 23 | Induction of Liver Size Reduction in Zebrafish Larvae by the Emerging Synthetic Cannabinoid 4F-MDMB-BINACA and Its Impact on Drug Metabolism. <i>Molecules</i> , 2022, 27, 1290. | 1.7 | 5 |
| 24 | A cluster of 25B-NBOH poisonings following exposure to powder sold as lysergic acid diethylamide (LSD). <i>Clinical Toxicology</i> , 2022, 60, 966-969. | 0.8 | 6 |
| 25 | Computer-Aided Classification of New Psychoactive Substances. <i>Journal of Chemistry</i> , 2021, 2021, 1-11. | 0.9 | 4 |
| 26 | An Update on the Implications of New Psychoactive Substances in Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4869. | 1.2 | 17 |
| 27 | Comparison of LC-MS and LC-DAD Methods of Detecting Abused Piperazine Designer Drugs. <i>Journal of Clinical Medicine</i> , 2022, 11, 1758. | 1.0 | 2 |
| 28 | Development of new electroanalytical method based on graphene oxide-modified glassy carbon electrode for mephedrone illicit drug determination. , 2022, , 43-56. | | 2 |
| 29 | New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. <i>Biology</i> , 2022, 11, 645. | 1.3 | 2 |
| 30 | The Genesis of a New Open-Access Journal Focused on the Latest Scientific Advances in Psychoactive Substances. , 2022, 1, 1-6. | | 3 |
| 31 | Voltammetric study of new psychoactive substance 3- fluorophenmetrazine. <i>Electrochemical Science Advances</i> , 2023, 3, . | 1.2 | 1 |
| 32 | Computer-Aided Methods for Molecular Classification. <i>Mathematics</i> , 2022, 10, 1543. | 1.1 | 1 |
| 34 | Pharmacological affinity fingerprints derived from bioactivity data for the identification of designer drugs. <i>Journal of Cheminformatics</i> , 2022, 14, . | 2.8 | 2 |
| 35 | Does cannabis testing in the military drive synthetic cannabinoid use? Self-reported use motivations among justice-involved veterans. <i>International Journal of Drug Policy</i> , 2022, 106, 103756. | 1.6 | 4 |
| 36 | Clinical Presentations and Predictors of In-Hospital Mortality in Illicit Drug Users in the New Psychoactive Substances (NPS) Endemic Era in Taiwan. <i>Toxics</i> , 2022, 10, 386. | 1.6 | 3 |
| 37 | Alcohol, smoke, cannabis, new psychoactive substances, and non-prescribed drugs consumption among school student in an area of Nord-West of Italy. <i>Minerva Gastroenterology</i> , 2022, 68, . | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Toxicological Analysis of Illicit Drugs Seized in Naples (Italy) and First Detection of Synthetic Cannabinoids during COVID-19 Pandemic. <i>Healthcare (Switzerland)</i> , 2022, 10, 1488. | 1.0 | 1 |
| 39 | Retrospective identification of new psychoactive substances in patient samples submitted for clinical drug analysis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2022, 131, 420-434. | 1.2 | 10 |
| 40 | Colorimetric and fluorescent hydrazone-BODIPY probes for the detection of β -hydroxybutyric acid (GHB) and cathinones. <i>Dyes and Pigments</i> , 2022, 207, 110757. | 2.0 | 3 |
| 41 | Development and validation of the UPLC-MS method for simultaneous determination of six new psychoactive substances. <i>RSC Advances</i> , 2022, 12, 26704-26711. | 1.7 | 3 |
| 42 | Factors affecting the control of new psychoactive substances. <i>South African General Practitioner</i> , 2022, 3, 15-18. | 0.0 | 0 |
| 44 | Toxicology in the emergency department: what's new?. <i>British Journal of Hospital Medicine (London)</i> , Tj ETQq1 1 0.784314 rgBT /Ove | 0.2 | 1 |
| 45 | Identification of Optimal Urinary Biomarkers of Synthetic Cannabinoids BZO-HEXOXIZID, BZO-POXIZID, 5F-BZO-POXIZID, and BZO-CHMOXIZID for Illicit Abuse Monitoring. <i>Clinical Chemistry</i> , 2022, 68, 1436-1448. | 1.5 | 6 |
| 47 | N-acetyltransferase 2 genetic polymorphism modifies genotoxic and oxidative damage from new psychoactive substances. <i>Archives of Toxicology</i> , 2023, 97, 189-199. | 1.9 | 3 |
| 48 | Prediction of chemical warfare agents based on cholinergic array type meta-predictors. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 1 |
| 49 | 3,4-Methylenedioxy methamphetamine, synthetic cathinones and psychedelics: From recreational to novel psychotherapeutic drugs. <i>Frontiers in Psychiatry</i> , 0, 13, . | 1.3 | 2 |
| 50 | Opioid Reinforcement: What It Is and How It Can Be Modulated by Cannabinoids. , 2022, , 1893-1920. | | 0 |
| 51 | New Psychoactive Substances and Violence within a UK Prison Setting. <i>Substance Use and Misuse</i> , 0, , 1-5. | 0.7 | 0 |
| 52 | Genotoxic Aspects of Psychoactive Substances. , 2022, 1, 64-69. | | 0 |
| 54 | Assessing the effectiveness of the NIST DART-MS Forensics Database and Data Interpretation Tool for designer drug screening with alternative instrumentation. <i>International Journal of Mass Spectrometry</i> , 2023, 483, 116964. | 0.7 | 4 |
| 55 | New Psychoactive Substances: Awareness and Attitudes of Future Health Care Professionals in Serbia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 14877. | 1.2 | 1 |
| 57 | Clinical characteristics of new psychoactive substances: A multicenter study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2023, 93, 102469. | 0.5 | 1 |
| 58 | Synthetic opioids: a review and clinical update. <i>Therapeutic Advances in Psychopharmacology</i> , 2022, 12, 204512532211396. | 1.2 | 7 |
| 59 | Drug Epidemiology as a Critical Subject of Global Health, Mental Health, and Health Equity: Advances, Trends, and Contemporary Issues. <i>Substance Abuse and Rehabilitation</i> , 0, Volume 13, 111-116. | 1.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 60 | Mapping white matter structural and network alterations in betel quid-dependent chewers using high angular resolution diffusion imaging. <i>Frontiers in Psychiatry</i> , 0, 13, . | 1.3 | 0 |
| 61 | A Framework for Public Health Authorities to Evaluate Health Determinants for Wastewater-Based Epidemiology. <i>Environmental Health Perspectives</i> , 2022, 130, . | 2.8 | 4 |
| 62 | Arylcyclohexylamine Derivatives: Pharmacokinetic, Pharmacodynamic, Clinical and Forensic Aspects. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15574. | 1.8 | 6 |
| 63 | The Endocannabinoid System as a Target for Neuroprotection/Neuroregeneration in Perinatal Hypoxic-Ischemic Brain Injury. <i>Biomedicines</i> , 2023, 11, 28. | 1.4 | 5 |
| 64 | COMPARISON OF BIOPHARMACEUTICAL PARAMETERS OF CANNABINOIDS AND NON-STEROIDAL ANTI-INFLAMMATORY DRUGS BY QSAR METHOD. <i>International Journal of Applied Pharmaceutics</i> , 0, , 269-273. | 0.3 | 0 |
| 65 | Comparison of controlled drugs and new psychoactive substances (NPS) regulations in East and Southeast Asia. <i>Regulatory Toxicology and Pharmacology</i> , 2023, , 105338. | 1.3 | 2 |
| 66 | Intoxication by Design. , 2023, , 239-255. | | 0 |
| 67 | The dilemma of new psychoactive substances: A growing threat. <i>Saudi Pharmaceutical Journal</i> , 2023, 31, 348-350. | 1.2 | 1 |
| 68 | Medication and Substance-Induced Hypertension: Mechanisms and Management. , 2023, , 683-700. | | 0 |
| 69 | Acute, chronic, and post-mortem toxicity: a review focused on three different classes of new psychoactive substances. <i>Forensic Toxicology</i> , 2023, 41, 187-212. | 1.4 | 1 |
| 70 | Interaction of psychedelic tryptamine derivatives with a lipid bilayer. <i>Chemistry and Physics of Lipids</i> , 2023, 251, 105279. | 1.5 | 7 |
| 72 | Substance Use and Attendance Motives of Electronic Dance Music (EDM) Event Attendees: A Survey Study. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 1821. | 1.2 | 4 |
| 73 | Designer Benzodiazepines Gidazepam and Desalkylgidazepam (Bromonordiazepam): What Do We Know?. <i>Journal of Analytical Toxicology</i> , 2023, 47, 324-331. | 1.7 | 4 |
| 74 | Machine Learning-Assisted Rapid Screening of Four Types of New Psychoactive Substances in Drug Seizures. <i>Journal of Chemical Information and Modeling</i> , 2023, 63, 815-825. | 2.5 | 4 |
| 75 | Characterization of URB Series Synthetic Cannabinoids by HRMS and UHPLC-MS/MS. <i>Pharmaceuticals</i> , 2023, 16, 201. | 1.7 | 2 |
| 76 | Alpha pyrrolidinovalerophenone (α -PVP) administration impairs spatial learning and memory in rats through brain mitochondrial dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2023, 467, 116497. | 1.3 | 0 |
| 77 | Screening unknown novel psychoactive substances using GC-MS based machine learning. <i>Forensic Chemistry</i> , 2023, 34, 100499. | 1.7 | 3 |
| 78 | Del consumo ocasional del tabaco a la adicci3n a la nicotina. <i>Nova</i> , 2022, 20, 151-161. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 79 | Metabolic study of new psychoactive substance methoxpropamine in mice by UHPLC-QTOF-MS/MS. Drug Testing and Analysis, 2023, 15, 586-594. | 1.6 | 1 |
| 80 | 4-EA-NBOMe, an amphetamine derivative, alters glutamatergic synaptic transmission through 5-HT1A receptors on cortical neurons from Sprague Dawley rat and pyramidal neurons from C57BL/6 mouse. NeuroToxicology, 2023, 95, 144-154. | 1.4 | 0 |
| 81 | Endocannabinoid Degradation Enzyme Inhibitors as Potential Antipsychotics: A Medicinal Chemistry Perspective. Biomedicines, 2023, 11, 469. | 1.4 | 0 |
| 82 | Effects of acute metaphedrone exposure on the development, behaviour, and DNA integrity of zebrafish (Danio rerio). Environmental Science and Pollution Research, 2023, 30, 49567-49576. | 2.7 | 1 |
| 83 | The Stability of Synthetic Cathinones and the Study of Potential Intake Biomarkers in the Biological Material from a Case of 3-CMC Poisoning. Journal of Analytical Toxicology, 0, , . | 1.7 | 2 |
| 84 | Fabrication of a Molecularly-Imprinted-Polymer-Based Graphene Oxide Nanocomposite for Electrochemical Sensing of New Psychoactive Substances. Nanomaterials, 2023, 13, 751. | 1.9 | 1 |
| 85 | Challenges in Drug Surveillance: Strengthening the Analysis of New Psychoactive Substances by Harmonizing Drug Checking Services in Proficiency Testing. International Journal of Environmental Research and Public Health, 2023, 20, 4628. | 1.2 | 3 |
| 86 | Co-designing drug alerts for health and community workers for an emerging early warning system in Victoria, Australia. Harm Reduction Journal, 2023, 20, . | 1.3 | 5 |
| 87 | Designer benzodiazepine rat pharmacokinetics: A comparison of alprazolam, flualprazolam and flubromazolam. Toxicology and Applied Pharmacology, 2023, 465, 116459. | 1.3 | 1 |
| 88 | Exploring the Intersection of Drug Addiction and Mental Ill-Health in Scottish Prisons: A Qualitative Study of Incarcerated Men. Journal of Drug Issues, 0, , 002204262311612. | 0.6 | 0 |
| 89 | Usefulness of Oral Fluid for Measurement of Methylone and Its Metabolites: Correlation with Plasma Drug Concentrations and the Effect of Oral Fluid pH. Metabolites, 2023, 13, 468. | 1.3 | 3 |
| 90 | First results of the French OCTOPUS survey among festival attendees: a latent class analysis. Harm Reduction Journal, 2023, 20, . | 1.3 | 0 |
| 111 | Characteristics and Laboratory Testing Standards for Drugs of Abuse. , 2023, , . | | 0 |
| 122 | Drogues de synthèse. , 2023, , 157-166. | | 0 |
| 125 | Störungen durch psychotrope Substanzen. , 2023, , 147-160. | | 0 |