

Christophe P Stove

List of Publications by Year in descending order

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214
papers

6,524
citations

71004

43
h-index

116156

66
g-index

229
all docs

229
docs citations

229
times ranked

6166
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenethyl-4-ANPP: A Marginally Active Byproduct Suggesting a Switch in Illicit Fentanyl Synthesis Routes. <i>Journal of Analytical Toxicology</i> , 2022, 46, 350-357.	1.7	11
2	The Rise and Fall of Isotonitazene and Brorphine: Two Recent Stars in the Synthetic Opioid Firmament. <i>Journal of Analytical Toxicology</i> , 2022, 46, 115-121.	1.7	35
3	Structure-activity relationships of valine, <i>tert</i> -leucine, and phenylalanine amino acid-derived synthetic cannabinoid receptor agonists related to ADB-BUTINACA, APP-BUTINACA, and ADB-P7AICA. <i>RSC Medicinal Chemistry</i> , 2022, 13, 156-174.	1.7	11
4	Volumetric absorptive microsampling as a suitable tool to monitor tyrosine kinase inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114418.	1.4	14
5	A3 adenosine receptor agonists containing dopamine moieties for enhanced interspecies affinity. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 113983.	2.6	4
6	In vitro assays for the functional characterization of (psychedelic) substances at the serotonin receptor 5-HT _{2A} R. <i>Journal of Neurochemistry</i> , 2022, 162, 39-59.	2.1	13
7	Set-up of a population-based model to verify alcohol abstinence via monitoring of the direct alcohol marker phosphatidylethanol 16:0/18:1. <i>Addiction</i> , 2022, , .	1.7	10
8	Characterization of recent non-fentanyl synthetic opioids via three different in vitro μ -opioid receptor activation assays. <i>Archives of Toxicology</i> , 2022, 96, 877-897.	1.9	10
9	A novel panel of yeast assays for the assessment of thiamin and its biosynthetic intermediates in plant tissues. <i>New Phytologist</i> , 2022, 234, 748-763.	3.5	5
10	Machine Learning to Assist in Large-Scale, Activity-Based Synthetic Cannabinoid Receptor Agonist Screening of Serum Samples. <i>Clinical Chemistry</i> , 2022, 68, 906-916.	1.5	5
11	Current evolutions, applications, and challenges of phosphatidylethanol analysis for clinical and forensic purposes. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2022, 4, .	1.2	10
12	The P2Y2 Receptor C-Terminal Tail Modulates but Is Dispensable for β -Arrestin Recruitment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3460.	1.8	0
13	Toxicological and pharmacological characterization of novel cinnamylpiperazine synthetic opioids in humans and in vitro including 2-methyl AP-237 and AP-238. <i>Archives of Toxicology</i> , 2022, 96, 1701-1710.	1.9	12
14	Therapeutic Drug Monitoring of Tyrosine Kinase Inhibitors Using Dried Blood Microsamples. <i>Frontiers in Oncology</i> , 2022, 12, 821807.	1.3	10
15	Die Erhellung des "Bewusstseinsmolek"ls: Photomodulation des 5-HT _{2A} Rezeptors durch ein lichtsteuerbares N,N-Dimethyltryptamin-Derivat. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
16	Enlightening the "Spirit Molecule": Photomodulation of the 5-HT _{2A} Receptor by a Light-Controllable <i>N,N</i> -Dimethyltryptamine Derivative. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
17	In vitro functional assays as a tool to study new synthetic opioids at the μ -opioid receptor: Potential, pitfalls and progress. , 2022, 235, 108161.		8
18	First identification, chemical analysis and pharmacological characterization of N-piperidinyl etonitazene (etonitazepipne), a recent addition to the 2-benzylbenzimidazole opioid subclass. <i>Archives of Toxicology</i> , 2022, 96, 1865-1880.	1.9	12

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19	Monitoring the use of alcohol – A critical overview of the state of the art biomarkers. Wiley Interdisciplinary Reviews Forensic Science, 2022, 4, .	1.2	3
20	Pharmacological evaluation and forensic case series of N-pyrrolidino etonitazene (etonitazepyne), a newly emerging 2-benzylbenzimidazole – nitazene™ synthetic opioid. Archives of Toxicology, 2022, 96, 1845-1863.	1.9	22
21	Cannabinoid receptor activation potential of the next generation, generic ban evading OXIZID synthetic cannabinoid receptor agonists. Drug Testing and Analysis, 2022, 14, 1565-1575.	1.6	20
22	A new cannabinoid receptor 1 selective agonist evading the 2021 – China ban – ADB – FUBIATA. Drug Testing and Analysis, 2022, 14, 1639-1644.	1.6	12
23	Promising Tools to Facilitate the Implementation of TDM of Biologics in Clinical Practice. Journal of Clinical Medicine, 2022, 11, 3011.	1.0	4
24	Analytical performance of eight enzymatic assays for ethanol in serum evaluated by data from the Belgian external quality assessment scheme. Clinical Chemistry and Laboratory Medicine, 2022, 60, 1211-1217.	1.4	1
25	Frontispiz: Die Erhellung des – Bewusstseinsmolekls – Photomodulation des 5-HT _{2A} Rezeptors durch ein lichtsteuerbares N,N-Dimethyltryptamin-Derivat. Angewandte Chemie, 2022, 134, .	1.6	0
26	Frontispiece: Enlightening the – Spirit Molecule – Photomodulation of the 5-HT _{2A} Receptor by a Light-Controllable N,N-Dimethyltryptamine Derivative. Angewandte Chemie - International Edition, 2022, 61, .	7.2	0
27	Consensus for the use of the alcohol biomarker phosphatidylethanol (PEth) for the assessment of abstinence and alcohol consumption in clinical and forensic practice (2022 Consensus of Basel). Drug Testing and Analysis, 2022, 14, 1800-1802.	1.6	31
28	Barriers and opportunities for the clinical implementation of therapeutic drug monitoring in oncology. British Journal of Clinical Pharmacology, 2021, 87, 227-236.	1.1	25
29	Report on a New Opioid NPS: Chemical and <i>In Vitro</i> Functional Characterization of a Structural Isomer of the MT-45 Derivative Diphenipenol. Journal of Analytical Toxicology, 2021, 45, 134-140.	1.7	12
30	Shape matters: The application of activity-based <i>in vitro</i> bioassays and chiral profiling to the pharmacological evaluation of synthetic cannabinoid receptor agonists in drug-infused papers seized in prisons. Drug Testing and Analysis, 2021, 13, 628-643.	1.6	28
31	First Report on Brorphine: The Next Opioid on the Deadly New Psychoactive Substance Horizon?. Journal of Analytical Toxicology, 2021, 44, 937-946.	1.7	31
32	Quantitation of phosphatidylethanol in dried blood after volumetric absorptive microsampling. Talanta, 2021, 223, 121694.	2.9	15
33	The next generation of synthetic cannabinoids: Detection, activity, and potential toxicity of pentan and butan analogues including MDMB-PINACA. Drug Testing and Analysis, 2021, 13, 427-438.	1.6	38
34	Understanding the pharmacokinetics of synthetic cathinones: Evaluation of the blood – brain barrier permeability of 13 related compounds in rats. Addiction Biology, 2021, 26, e12979.	1.4	6
35	Diagnosing intake and rationalizing toxicities associated with 5F-MDMB-PINACA and 4F-MDMB-BINACA abuse. Archives of Toxicology, 2021, 95, 489-508.	1.9	20
36	An optimized LC-MS/MS method as a pivotal tool to steer thiamine biofortification strategies in rice. Talanta, 2021, 224, 121905.	2.9	5

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37	Patient-Centric Assessment of Thiamine Status in Dried Blood Volumetric Absorptive Microsamples Using LC-MS/MS Analysis. <i>Analytical Chemistry</i> , 2021, 93, 2660-2668.	3.2	13
38	Alternative Sampling Devices to Collect Dried Blood Microsamples: State-of-the-Art. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 310-321.	1.0	44
39	Metabolic engineering of rice endosperm towards higher vitamin B1 accumulation. <i>Plant Biotechnology Journal</i> , 2021, 19, 1253-1267.	4.1	26
40	Serotonin 2A Receptor (5-HT _{2A}) Activation by 25H-NBOMe Positional Isomers: In Vitro Functional Evaluation and Molecular Docking. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 479-487.	2.5	17
41	The Balance of MU-Opioid, Dopamine D2 and Adenosine A2A Heteroreceptor Complexes in the Ventral Striatal-Pallidal GABA Antireward Neurons May Have a Significant Role in Morphine and Cocaine Use Disorders. <i>Frontiers in Pharmacology</i> , 2021, 12, 627032.	1.6	8
42	Simultaneous readout of multiple FRET pairs using photochromism. <i>Nature Communications</i> , 2021, 12, 2005.	5.8	19
43	Synthesis, Chemical Characterization, and μ -Opioid Receptor Activity Assessment of the Emerging Group of Nitazene-2-Benzylbenzimidazole Synthetic Opioids. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1241-1251.	1.7	56
44	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMBPICA, MDMBPINA, ADBPINA, and MMBPINA using a combination of binding and different CB ₁ receptor activation assays Part II: Structure activity relationship assessment via a β -arrestin recruitment assay. <i>Drug Testing and Analysis</i> , 2021, 13, 1402-1411.	1.6	18
45	Obituary Peter Blanckaert. <i>Drug Testing and Analysis</i> , 2021, 13, 1464-1465.	1.6	0
46	Synthesis and Functional Characterization of 2-(2,5-Dimethoxyphenyl)-N-(2-fluorobenzyl)ethanamine (25H-NBF) Positional Isomers. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1667-1673.	1.7	6
47	Volumetric absorptive microsampling (VAMS) as a reliable tool to assess thiamine status in dried blood microsamples: a comparative study. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1200-1207.	2.2	7
48	Metabolic engineering provides insight into the regulation of thiamin biosynthesis in plants. <i>Plant Physiology</i> , 2021, 186, 1832-1847.	2.3	10
49	Volumetric Absorptive Microsampling as an Alternative Tool for Biomonitoring of Multi-Mycotoxin Exposure in Resource-Limited Areas. <i>Toxins</i> , 2021, 13, 345.	1.5	5
50	Quantification of eight hematological tyrosine kinase inhibitors in both plasma and whole blood by a validated LC-MS/MS method. <i>Talanta</i> , 2021, 226, 122140.	2.9	20
51	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMBPICA, MDMBPINA, ADBPINA, and MMBPINA using a combination of binding and different CB ₁ receptor activation assays: Part I Synthesis, analytical characterization, and binding affinity for human CB ₁ receptors. <i>Drug Testing and Analysis</i> , 2021, 13, 1388-1401.	1.6	19
52	Cov-MS: A Community-Based Template Assay for Mass-Spectrometry-Based Protein Detection in SARS-CoV-2 Patients. <i>Jacs Au</i> , 2021, 1, 750-765.	3.6	29
53	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMBPICA, MDMBPINA, ADBPINA, and MMBPINA using a combination of binding and different CB ₁ receptor activation assays. Part III: The G protein pathway and critical comparison of different assays. <i>Drug Testing and Analysis</i> , 2021, 13, 1412-1429.	1.6	14
54	Alternative Sampling Strategies in Therapeutic Drug Monitoring: Microsampling Growing Toward Maturity. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 307-309.	1.0	14

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55	Porphyrins produced by acneic Cutibacterium acnes strains activate the inflammasome by inducing K ⁺ leakage. <i>IScience</i> , 2021, 24, 102575.	1.9	22
56	Fully Automated Dried Blood Spot Extraction coupled to Liquid Chromatography-tandem Mass Spectrometry for Therapeutic Drug Monitoring of Immunosuppressants. <i>Journal of Chromatography A</i> , 2021, 1653, 462430.	1.8	22
57	Determination of paracetamol and its metabolites via LC-MS/MS in dried blood volumetric absorptive microsamples: A tool for pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114361.	1.4	7
58	Self-sampling at home using volumetric absorptive microsampling: coupling analytical evaluation to volunteers'™ perception in the context of a large scale study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e185-e187.	1.4	23
59	Are the N- ¹ -demethylated metabolites of U ⁴⁷⁷⁰⁰ more active than their parent compound? In vitro ¹ / ₄ opioid receptor activation of N- ¹ -desmethyl ⁴⁷⁷⁰⁰ and N, N-bisdesmethyl ⁴⁷⁷⁰⁰ . <i>Drug Testing and Analysis</i> 2021, , .		2
60	NNL-3: A Synthetic Intermediate or a New Class of Hydroxybenzotriazole Esters with Cannabinoid Receptor Activity?. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4020-4036.	1.7	7
61	Receptor density influences ligand-induced dopamine D2L receptor homodimerization. <i>European Journal of Pharmacology</i> , 2021, 911, 174557.	1.7	3
62	Near-infrared-based hematocrit prediction of dried blood spots: An in-depth evaluation. <i>Clinica Chimica Acta</i> , 2021, 523, 239-246.	0.5	15
63	Sensing an Oxygen Sensor: Development and Application of Activity-Based Assays Directly Monitoring HIF Heterodimerization. <i>Analytical Chemistry</i> , 2021, 93, 14462-14470.	3.2	11
64	Evidence of enzyme-mediated transesterification of synthetic cannabinoids with ethanol: potential toxicological impact. <i>Forensic Toxicology</i> , 2020, 38, 95-107.	1.4	5
65	Development, validation and application of an inductively coupled plasma ⁴⁷⁷⁰⁰ mass spectrometry method to determine cobalt in metal-on-metal prosthesis patients using volumetric absorptive microsampling. <i>Talanta</i> , 2020, 208, 120055.	2.9	21
66	Assessment of Biased Agonism among Distinct Synthetic Cannabinoid Receptor Agonist Scaffolds. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 285-295.	2.5	41
67	Kainic acid-induced status epilepticus decreases mGlu5 receptor and phase-specifically downregulates Homer1b/c expression. <i>Brain Research</i> , 2020, 1730, 146640.	1.1	6
68	Report on a novel emerging class of highly potent benzimidazole NPS opioids: Chemical and in vitro functional characterization of isotonitazene. <i>Drug Testing and Analysis</i> , 2020, 12, 422-430.	1.6	65
69	Dried Blood Microsampling-Based Therapeutic Drug Monitoring of Antiepileptic Drugs in Children With Nodding Syndrome and Epilepsy in Uganda and the Democratic Republic of the Congo. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 481-490.	1.0	12
70	Comment on HbA _{1c} determination from HemaSpot blood collection devices: comparison of home-prepared dried blood spots with standard venous blood analysis. <i>Diabetic Medicine</i> , 2020, 37, 1613-1614.	1.2	3
71	Recent developments in electrochemical detection of illicit drugs in diverse matrices. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112579.	5.3	70
72	Synthesis and <i>In Vitro</i> Cannabinoid Receptor 1 Activity of Recently Detected Synthetic Cannabinoids 4F-MDMB-BICA, 5F-MPP-PICA, MMB-4en-PICA, CUMYL-CBMICA, ADB-BINACA, APP-BINACA, 4F-MDMB-BINACA, MDMB-4en-PINACA, A-CHMINACA, 5F-AB-P7AICA, 5F-MDMB-P7AICA, and 5F-AP7AICA. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4434-4446.	1.7	62

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73	In vitro functional characterization of a panel of non-fentanyl opioid new psychoactive substances. Archives of Toxicology, 2020, 94, 3819-3830.	1.9	36
74	Hematocrit prediction in volumetric absorptive microsamples. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113491.	1.4	16
75	A novel nanobody-based bio-assay using functional complementation of a split nanoluciferase to monitor Mu- opioid receptor activation. Analytical and Bioanalytical Chemistry, 2020, 412, 8015-8022.	1.9	7
76	Dried blood microsample-assisted determination of vitamins: Recent developments and challenges. TrAC - Trends in Analytical Chemistry, 2020, 132, 116057.	5.8	8
77	<i>In vitro</i> activity profiling of Cumyl-PEGACLONE variants at the CB ₁ receptor: Fluorination versus isomer exploration. Drug Testing and Analysis, 2020, 12, 1336-1343.	1.6	16
78	Assessment of structure-activity relationships and biased agonism at the Mu opioid receptor of novel synthetic opioids using a novel, stable bio-assay platform. Biochemical Pharmacology, 2020, 177, 113910.	2.0	36
79	In vitro structure-activity relationship determination of 30 psychedelic new psychoactive substances by means of β -arrestin 2 recruitment to the serotonin 2A receptor. Archives of Toxicology, 2020, 94, 3449-3460.	1.9	21
80	Dried blood microsamples: Suitable as an alternative matrix for the quantification of paracetamol-protein adducts?. Toxicology Letters, 2020, 324, 65-74.	0.4	4
81	The First Comprehensive LC-MS/MS Method Allowing Dissection of the Thiamine Pathway in Plants. Analytical Chemistry, 2020, 92, 4073-4081.	3.2	11
82	Toxicokinetics and toxicodynamics of the fentanyl homologs cyclopropanoyl-1-benzyl-4-fluoro-4-anilinopiperidine and furanoyl-1-benzyl-4-anilinopiperidine. Archives of Toxicology, 2020, 94, 2009-2025.	1.9	19
83	Striatal Dopamine D ₂ -Muscarinic Acetylcholine M ₁ Receptor Receptor Interaction in a Model of Movement Disorders. Frontiers in Pharmacology, 2020, 11, 194.	1.6	11
84	Semiquantitative Activity-Based Detection of JWH-018, a Synthetic Cannabinoid Receptor Agonist, in Oral Fluid after Vaping. Analytical Chemistry, 2020, 92, 6065-6071.	3.2	5
85	Assessment of biased agonism at the A ₃ adenosine receptor using β -arrestin and miniG recruitment assays. Biochemical Pharmacology, 2020, 177, 113934.	2.0	26
86	Identification of psychedelic new psychoactive substances (NPS) showing biased agonism at the 5-HT _{2A} R through simultaneous use of β -arrestin 2 and miniG bioassays. Biochemical Pharmacology, 2020, 182, 114251.	2.0	33
87	Heterodimerization of Mu Opioid Receptor Protomer with Dopamine D ₂ Receptor Modulates Agonist-Induced Internalization of Mu Opioid Receptor. Biomolecules, 2019, 9, 368.	1.8	13
88	Hide and Seek: Overcoming the Masking Effect of Opioid Antagonists in Activity-Based Screening Tests. Clinical Chemistry, 2019, 65, 1604-1605.	1.5	15
89	Setup of a Serotonin 2A Receptor (5-HT _{2A} R) Bioassay: Demonstration of Its Applicability To Functionally Characterize Hallucinogenic New Psychoactive Substances and an Explanation Why 5-HT _{2A} R Bioassays Are Not Suited for Universal Activity-Based Screening of Biofluids for New Psychoactive Substances. Analytical Chemistry, 2019, 91, 15444-15452.	3.2	16
90	Evaluation of the Performance and Hematocrit Independence of the HemaPEN as a Volumetric Dried Blood Spot Collection Device. Analytical Chemistry, 2019, 91, 14467-14475.	3.2	38

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91	Insights into biased signaling at cannabinoid receptors: synthetic cannabinoid receptor agonists. <i>Biochemical Pharmacology</i> , 2019, 169, 113623.	2.0	70
92	Editorial: Advances in Analytical Methods for Drugs of Abuse Testing. <i>Frontiers in Chemistry</i> , 2019, 7, 589.	1.8	4
93	EASL Clinical Practice Guideline: Occupational liver diseases. <i>Journal of Hepatology</i> , 2019, 71, 1022-1037.	1.8	22
94	Thiamin Determination in Food: A Chromatographic Challenge (P13-038-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz036.P13-038-19.	0.1	0
95	Luminescence- and Fluorescence-Based Complementation Assays to Screen for GPCR Oligomerization: Current State of the Art. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2958.	1.8	30
96	Enantiospecific Synthesis, Chiral Separation, and Biological Activity of Four Indazole-3-Carboxamide-Type Synthetic Cannabinoid Receptor Agonists and Their Detection in Seized Drug Samples. <i>Frontiers in Chemistry</i> , 2019, 7, 321.	1.8	48
97	Fully automated therapeutic drug monitoring of anti-epileptic drugs making use of dried blood spots. <i>Journal of Chromatography A</i> , 2019, 1601, 95-103.	1.8	37
98	Comprehensive investigation on synthetic cannabinoids: Metabolic behavior and potency testing, using 5F-ACPP-ICA and AMB-FFUBINACA as model compounds. <i>Drug Testing and Analysis</i> , 2019, 11, 1358-1368.	1.6	24
99	Functional evaluation of carboxy metabolites of synthetic cannabinoid receptor agonists featuring scaffolds based on L-valine or L-tert-leucine. <i>Drug Testing and Analysis</i> , 2019, 11, 1183-1191.	1.6	37
100	Biomarkers of Alcohol Misuse. , 2019, , 557-565.		5
101	Evaluating the applicability of mouse SINEs as an alternative normalization approach for RT-qPCR in brain tissue of the APP23 model for Alzheimer's disease. <i>Journal of Neuroscience Methods</i> , 2019, 320, 128-137.	1.3	6
102	Activity-based reporter assays for the screening of abused substances in biological matrices. <i>Critical Reviews in Toxicology</i> , 2019, 49, 95-109.	1.9	16
103	Distinct Dopamine D2 Receptor Antagonists Differentially Impact D2 Receptor Oligomerization. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1686.	1.8	27
104	Clinical determination of folates: recent analytical strategies and challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4383-4399.	1.9	9
105	The validation of Short Interspersed Nuclear Elements (SINEs) as a RT-qPCR normalization strategy in a rodent model for temporal lobe epilepsy. <i>PLoS ONE</i> , 2019, 14, e0210567.	1.1	6
106	Official International Association for Therapeutic Drug Monitoring and Clinical Toxicology Guideline: Development and Validation of Dried Blood Spot-Based Methods for Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 409-430.	1.0	188
107	Determination of Cocaine and Metabolites in Dried Blood Spots by LC-MS/MS. <i>Methods in Molecular Biology</i> , 2019, 1872, 261-272.	0.4	4
108	Volumetric absorptive microsampling as an alternative sampling strategy for the determination of paracetamol in blood and cerebrospinal fluid. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 181-191.	1.9	20

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109	Quantification of cocaine and cocaine metabolites in dried blood spots from a controlled administration study using liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 709-720.	1.6	16
110	Validation of Activity-Based Screening for Synthetic Cannabinoid Receptor Agonists in a Large Set of Serum Samples. <i>Clinical Chemistry</i> , 2019, 65, 347-349.	1.5	13
111	Is the hematocrit still an issue in quantitative dried blood spot analysis?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 188-196.	1.4	147
112	Application of an activity-based receptor bioassay to investigate the in vitro activity of selected indole- and indazole-carboxamide-based synthetic cannabinoids at CB1 and CB2 receptors. <i>Drug Testing and Analysis</i> , 2019, 11, 501-511.	1.6	61
113	Design, Synthesis, and Biological Evaluation of Bivalent Ligands Targeting Dopamine D ₂ -Like Receptors and the μ -Opioid Receptor. <i>ChemMedChem</i> , 2018, 13, 944-956.	1.6	23
114	Volumetric absorptive microsampling as an alternative tool for therapeutic drug monitoring of first-generation anti-epileptic drugs. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2331-2341.	1.9	60
115	Correction for the Hematocrit Bias in Dried Blood Spot Analysis Using a Nondestructive, Single-Wavelength Reflectance-Based Hematocrit Prediction Method. <i>Analytical Chemistry</i> , 2018, 90, 1795-1804.	3.2	48
116	Folate Biofortification of Potato by Tuber-Specific Expression of Four Folate Biosynthesis Genes. <i>Molecular Plant</i> , 2018, 11, 175-188.	3.9	49
117	Molecular dissection of the human A ₃ adenosine receptor coupling with β -arrestin2. <i>Biochemical Pharmacology</i> , 2018, 148, 298-307.	2.0	34
118	Activity-Based Detection of Cannabinoids in Serum and Plasma Samples. <i>Clinical Chemistry</i> , 2018, 64, 918-926.	1.5	44
119	Clinical application of microsampling versus conventional sampling techniques in the quantitative bioanalysis of antibiotics: a systematic review. <i>Bioanalysis</i> , 2018, 10, 407-423.	0.6	25
120	Dried blood spots in therapeutic drug monitoring and toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 1-3.	1.5	23
121	Probing structure-activity relationship in β -arrestin2 recruitment of diversely substituted adenosine derivatives. <i>Biochemical Pharmacology</i> , 2018, 158, 103-113.	2.0	13
122	Evaluation of the Capitainer-B Microfluidic Device as a New Hematocrit-Independent Alternative for Dried Blood Spot Collection. <i>Analytical Chemistry</i> , 2018, 90, 12893-12899.	3.2	46
123	Synthesis toward Bivalent Ligands for the Dopamine D ₂ and Metabotropic Glutamate 5 Receptors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8212-8225.	2.9	21
124	Activity-Based Concept to Screen Biological Matrices for Opiates and (Synthetic) Opioids. <i>Clinical Chemistry</i> , 2018, 64, 1221-1229.	1.5	46
125	Activity-Based Detection and Bioanalytical Confirmation of a Fatal Carfentanil Intoxication. <i>Frontiers in Pharmacology</i> , 2018, 9, 486.	1.6	27
126	Assessing GPCR Dimerization in Living Cells: Comparison of the NanoBiT Assay with Related Bioluminescence- and Fluorescence-Based Approaches. <i>NeuroMethods</i> , 2018, , 239-250.	0.2	7

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127	Wet absorptive microsampling at home for HbA1c monitoring in diabetic children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e291-e294.	1.4	11
128	Drugs Working On GPCRs: Whatâ€™s Behind The Lock Towards The Therapeutic Effect?. , 2018, , .		0
129	The (non)sense of routinely analysing beta-hydroxybutyric acid in forensic toxicology casework. <i>Forensic Science International</i> , 2017, 274, 38-43.	1.3	7
130	Analytical confirmation of synthetic cannabinoids in a cohort of 179 presentations with acute recreational drug toxicity to an Emergency Department in London, UK in the first half of 2015. <i>Clinical Toxicology</i> , 2017, 55, 338-345.	0.8	49
131	Alternative sampling strategies for the assessment of biomarkers of exposure. <i>Current Opinion in Toxicology</i> , 2017, 4, 43-51.	2.6	12
132	Biomarkers in patients admitted to the emergency department after exposure to acrylonitrile in a major railway incident involving bulk chemical material. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 261-270.	2.1	1
133	Dihydrofolate Reductase/Thymidylate Synthase Fine-Tunes the Folate Status and Controls Redox Homeostasis in Plants. <i>Plant Cell</i> , 2017, 29, 2831-2853.	3.1	64
134	Activity-Based Detection of Consumption of Synthetic Cannabinoids in Authentic Urine Samples Using a Stable Cannabinoid Reporter System. <i>Analytical Chemistry</i> , 2017, 89, 9527-9536.	3.2	81
135	Volumetric absorptive microsampling at home as an alternative tool for the monitoring of HbA1c in diabetes patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 462-469.	1.4	50
136	Dried blood spot analysis of gabapentin as a valid alternative for serum: a bridging study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 72-76.	1.4	7
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