

Oliver B Sutcliffe

List of Publications by Year in descending order

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73
papers

2,269
citations

201674

27
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233421

45
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78
all docs

78
docs citations

78
times ranked

2554
citing authors

#	ARTICLE	IF	CITATIONS
1	Planar chiral 2-ferrocenyloxazolines and 1,1-bis(oxazolyl)ferrocenes' syntheses and applications in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2297-2325.	1.8	220
2	An overview of recent developments in the analytical detection of new psychoactive substances (NPSs). <i>Analyst</i> , 2015, 140, 4932-4948.	3.5	120
3	Evaluation of anionic half generation 3.5-6.5 poly(amidoamine) dendrimers as delivery vehicles for the active component of the anticancer drug cisplatin. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1115-1122.	3.5	89
4	First Dual Aromatase-Steroid Sulfatase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3193-3196.	6.4	76
5	Forensic Electrochemistry Applied to the Sensing of New Psychoactive Substances: Electroanalytical Sensing of Synthetic Cathinones and Analytical Validation in the Quantification of Seized Street Samples. <i>Analytical Chemistry</i> , 2014, 86, 9985-9992.	6.5	76
6	Dual Aromatase-Steroid Sulfatase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3540-3560.	6.4	75
7	Forensic electrochemistry: the electroanalytical sensing of Rohypnol® (flunitrazepam) using screen-printed graphite electrodes without recourse for electrode or sample pre-treatment. <i>Analyst</i> , 2013, 138, 6185.	3.5	71
8	Forensic electrochemistry: the electroanalytical sensing of synthetic cathinone-derivatives and their accompanying adulterants in legal high-products. <i>Analyst</i> , 2014, 139, 389-400.	3.5	71
9	Detection and quantitation of synthetic cannabinoid receptor agonists in infused papers from prisons in a constantly evolving illicit market. <i>Drug Testing and Analysis</i> , 2020, 12, 538-554.	2.6	61
10	Structure-Activity Relationship for the First-Class Clinical Steroid Sulfatase Inhibitor Irosustat (STX64, BN83495). <i>ChemMedChem</i> , 2011, 6, 2019-2034.	3.2	57
11	Development of a novel flexible polymer-based biosensor platform for the thermal detection of noradrenaline in aqueous solutions. <i>Chemical Engineering Journal</i> , 2017, 315, 459-468.	12.7	53
12	Synthesis, full chemical characterisation and development of validated methods for the quantification of (±)-4-methylmethcathinone (mephedrone): A new legal high. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 246-255.	2.8	51
13	Forensic electrochemistry: simultaneous voltammetric detection of MDMA and its fatal counterpart Dr Death (PMA). <i>Analytical Methods</i> , 2016, 8, 142-152.	2.7	51
14	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.	3.6	48
15	Elucidation of the Phase I and Phase II metabolic pathways of (±)-4-methylmethcathinone (4-MMC) and (±)-4-(trifluoromethyl)methcathinone (4-TFMMC) in rat liver hepatocytes using LC-MS and LC-MS2. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 177-185.	2.8	45
16	First Crystal Structures of Human Carbonic Anhydrase II in Complex with Dual Aromatase-Steroid Sulfatase Inhibitors. <i>Biochemistry</i> , 2005, 44, 6858-6866.	2.5	42
17	Rapid Identification of Novel Psychoactive and Other Controlled Substances Using Low-Field ¹ H NMR Spectroscopy. <i>ACS Omega</i> , 2019, 4, 7103-7112.	3.5	41
18	A New Therapeutic Strategy against Hormone-Dependent Breast Cancer: The Preclinical Development of a Dual Aromatase and Sulfatase Inhibitor. <i>Clinical Cancer Research</i> , 2008, 14, 6469-6477.	7.0	37

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19	Triphenylbutanamines: Kinesin Spindle Protein Inhibitors with in Vivo Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1511-1525.	6.4	37
20	Development of gas chromatography–mass spectrometry (GC–MS) and other rapid screening methods for the analysis of 16 “legal high”™ cathinone derivatives. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 22-31.	2.1	34
21	Regal electrochemistry: sensing of the synthetic cathinone class of new psychoactive substances (NPSs). <i>Analytical Methods</i> , 2015, 7, 6470-6474.	2.7	33
22	Synthesis of novel chiral bis(ferrocenyl) ligands and their use as voltammetric metal cation sensors. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 211-216.	1.8	32
23	Rapid Detection and Quantification of Novel Psychoactive Substances (NPS) Using Raman Spectroscopy and Surface-Enhanced Raman Scattering. <i>Frontiers in Chemistry</i> , 2019, 7, 412.	3.6	32
24	Azafulvenium methides: new extended dipolar systems. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1795-1806.	1.3	31
25	Analytical determination of heroin, fentanyl and fentalogues using high-performance liquid chromatography with diode array and amperometric detection. <i>Analytical Methods</i> , 2019, 11, 1053-1063.	2.7	30
26	Forensic Electrochemistry: The Electroanalytical Sensing of Mephedrone Metabolites. <i>ACS Omega</i> , 2019, 4, 1947-1954.	3.5	30
27	The metabolism of the synthetic cannabinoids ADB–BUTINACA and ADB–4en–PINACA and their detection in forensic toxicology casework and infused papers seized in prisons. <i>Drug Testing and Analysis</i> , 2022, 14, 634-652.	2.6	30
28	Drug solid solutions – a method for tuning phase transformations. <i>CrystEngComm</i> , 2014, 16, 5827-5831.	2.6	29
29	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. <i>Drug Testing and Analysis</i> , 2021, 13, 628-643.	2.6	28
30	Forensic electrochemistry: indirect electrochemical sensing of the components of the new psychoactive substance “Synthacaine”. <i>Analyst</i> , The, 2015, 140, 5536-5545.	3.5	27
31	Guilty by dissociation” development of gas chromatography–mass spectrometry (GC-MS) and other rapid screening methods for the analysis of 13 diphenidine-derived new psychoactive substances (NPSs). <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8467-8481.	3.7	27
32	Classification of fentanyl analogues through principal component analysis (PCA) and hierarchical clustering of GC–MS data. <i>Forensic Chemistry</i> , 2020, 21, 100287.	2.8	27
33	Voltammetric metal cation sensors based on ferrocene derivatives with oxazoline and imine substituents. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 134-138.	1.8	26
34	Chemical synthesis, characterisation and in vitro and in vivo metabolism of the synthetic opioid MT-45 and its newly identified fluorinated analogue 2F-MT-45 with metabolite confirmation in urine samples from known drug users. <i>Forensic Toxicology</i> , 2018, 36, 359-374.	2.4	26
35	Cycloadditions to Pyrrolo[1,2-c]thiazoles and Pyrazolo[1,5-c]thiazoles. <i>Tetrahedron</i> , 2000, 56, 10011-10021.	1.9	25
36	Synthesis of Aromatase Inhibitors and Dual Aromatase Steroid Sulfatase Inhibitors by Linking an Arylsulfamate Motif to 4-(4-Hydroxy-1,2,4-triazol-4-ylamino)benzotrile: SAR, Crystal Structures, in vivo and in vivo Activities. <i>ChemMedChem</i> , 2008, 3, 1708-1730.	3.2	25

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37	Combining aspects of the platinum anticancer drugs picoplatin and BBR3464 to synthesize a new family of sterically hindered dinuclear complexes; their synthesis, binding kinetics and cytotoxicity. Dalton Transactions, 2012, 41, 11330.	3.3	25
38	Hitting the Jackpot – development of gas chromatography–mass spectrometry (GC–MS) and other rapid screening methods for the analysis of 18 fentanyl–derived synthetic opioids. Drug Testing and Analysis, 2020, 12, 798-811.	2.6	24
39	Azafulvenium methides: new extended dipolar systems. Chemical Communications, 2000, , 675-676.	4.1	23
40	A comparison of the chromatographic properties of silica gel and silicon hydride modified silica gels. Journal of Chromatography A, 2012, 1263, 61-67.	3.7	23
41	Synthesis, full chemical characterisation and development of validated methods for the quantification of the components found in the evolved –legal high–NRG-2. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 122-135.	2.8	23
42	Inhibitory Kappa B Kinase $\hat{\pm}$ (IKK $\hat{\pm}$) Inhibitors That Recapitulate Their Selectivity in Cells against Isoform-Related Biomarkers. Journal of Medicinal Chemistry, 2017, 60, 7043-7066.	6.4	23
43	Doing the methylene shuffle – Further insights into the inhibition of mitotic kinesin Eg5 with S-trityl l-cysteine. European Journal of Medicinal Chemistry, 2012, 54, 483-498.	5.5	20
44	Detection and quantification of new psychoactive substances (NPSs) within the evolved –legal high– product, NRG-2, using high performance liquid chromatography-ampereometric detection (HPLC-AD). Analyst, The, 2015, 140, 6283-6294.	3.5	20
45	Quantification of MDMA in seized tablets using benchtop 1H NMR spectroscopy in the absence of internal standards. Forensic Chemistry, 2020, 20, 100263.	2.8	20
46	Microwave synthesis of cucurbit[<i>n</i>]urils. Future Medicinal Chemistry, 2010, 2, 231-236.	2.3	19
47	Animal trypanosomiasis: making quality control of trypanocidal drugs possible. OIE Revue Scientifique Et Technique, 2014, 33, 813-830.	1.2	18
48	Metallic Impurities in Graphene Screen–Printed Electrodes Can Influence Their Electrochemical Properties. Electroanalysis, 2014, 26, 2429-2433.	2.9	17
49	Engineering molecularly imprinted polymers (MIPs) for the selective extraction and quantification of the novel psychoactive substance (NPS) methoxphenidine and its regioisomers. Analyst, The, 2018, 143, 2002-2007.	3.5	17
50	Quick Test for Determination of N-Bombs (Phenethylamine Derivatives, NBOMe) Using High-Performance Liquid Chromatography: A Comparison between Photodiode Array and Amperometric Detection. ACS Omega, 2019, 4, 14439-14450.	3.5	14
51	The impact of the 2016 Psychoactive Substances Act on synthetic cannabinoid use within the homeless population: Markets, content and user harms. International Journal of Drug Policy, 2021, 97, 103305.	3.3	14
52	The ecstasy and the agony; compression studies of 3,4-methylenedioxymethamphetamine (MDMA). Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 3-9.	1.1	13
53	Manganese dioxide mediated one-pot synthesis of methyl 9 <i>H</i> -pyrido[3,4- <i>b</i>]indole-1-carboxylate: Concise synthesis of alangiobussinine. Beilstein Journal of Organic Chemistry, 2011, 7, 1407-1411.	2.2	12
54	Using Isotopic Fractionation to Link Precursor to Product in the Synthesis of ($\hat{\pm}$)-Mephedrone: A New Tool for Combating –Legal High–Drugs. Analytical Chemistry, 2012, 84, 8691-8696.	6.5	12

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55	A Comparison of Silica C and Silica Gel in HILIC Mode: The Effect of Stationary Phase Surface Area. <i>Chromatographia</i> , 2014, 77, 873-881.	1.3	11
56	Chromatographic retention behaviour, modelling and optimization of a UHPLC-UV separation of the regioisomers of the Novel Psychoactive Substance (NPS) methoxphenidine (MXP). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 238-247.	2.8	11
57	Origami chips: Development and validation of a paper-based Lab-on-a-Chip device for the rapid and cost-effective detection of 4-methylmethcathinone (mephedrone) and its metabolite, 4-methylephedrine in urine. <i>Forensic Chemistry</i> , 2021, 22, 100293.	2.8	11
58	A Validated Stability-Indicating HPLC Method for Routine Analysis of an Injectable Lincomycin and Spectinomycin Formulation. <i>Scientia Pharmaceutica</i> , 2012, 80, 977-986.	2.0	10
59	Ball mill and microwave assisted synthetic routes to Fluoxetine. <i>Sustainable Chemistry and Pharmacy</i> , 2017, 5, 14-21.	3.3	10
60	Fast & fluorinated ^{19}F Development and validation of a rapid benchtop NMR approach and other routine screening methods for the detection and quantification of synthesized fluorofentanyl derivatives. <i>Forensic Chemistry</i> , 2021, 23, 100321.	2.8	9
61	Hyperpolarization of Pyridyl Fentalogues by Signal Amplification By Reversible Exchange (SABRE). <i>ChemistryOpen</i> , 2019, 8, 1375-1382.	1.9	8
62	Benchtop NMR analysis of piperazine-based drugs hyperpolarised by SABRE. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 1151-1159.	1.9	8
63	Synthesis, characterisation, detection and quantification of a novel hexyl-substituted synthetic cannabinoid receptor agonist: (S)-N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-hexyl-1H-indazole-3-carboxamide (ADB-HINACA). <i>Forensic Chemistry</i> , 2021, 26, 100354.	2.8	8
64	Detection, discrimination and quantification of amphetamine, cathinone and <i>nor</i> -ephedrine regioisomers using benchtop ^1H and ^{19}F nuclear magnetic resonance spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2023, 61, 73-82.	1.9	7
65	Lab-on-a-Chip approaches for the detection of controlled drugs, including new psychoactive substances: A systematic review. <i>Forensic Chemistry</i> , 2021, 26, 100370.	2.8	6
66	Putting the squeeze on mephedrone hydrogen sulfate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.8	4
67	Chromatographic and spectroscopic analysis of the components present in the phenanthridinium trypanocidal agent isometamidium. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1171-1180.	3.7	4
68	Guilty by dissociation: Part B: evaluation of Supercritical Fluid Chromatography (SFC-UV) for the analysis of regioisomeric diphenidine-derived Novel Psychoactive Substances (NPS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 216, 114797.	2.8	4
69	The Drug Discovery Portal: A Computational Platform for Identifying Drug Leads from Academia. <i>Current Pharmaceutical Design</i> , 2010, 16, 1697-1702.	1.9	3
70	Hyperpolarisation of Mirfentanil by SABRE in the Presence of Heroin. <i>ChemPhysChem</i> , 2021, 22, 1059-1064.	2.1	2
71	Guilty by dissociation: Part A: Development of a rapid Ultra-High Performance Liquid Chromatography (UHPLC)-MS/MS methodology for the analysis of regioisomeric diphenidine-derived Novel Psychoactive Substances (NPS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 216, 114798.	2.8	2
72	Amide Coupling Reaction for the Synthesis of Bispyridine-based Ligands and Their Complexation to Platinum as Dinuclear Anticancer Agents. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	1

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73	Planar Chiral 2-Ferrocenyloxazolines and 1,1-Bis(oxazoliny)ferrocenes " Syntheses and Applications in Asymmetric Catalysis. ChemInform, 2003, 34, no.	0.0	0