Jacqueline L Stair

List of Publications by Year
in descending order

27	1,177	471509 17	526287 27
papers	citations	h-index	g-index

27	27	27	1371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Raman spectroscopy coupled to computational approaches towards understanding self-assembly in thermoreversible poloxamer gels. Journal of Molecular Liquids, 2022, 351, 118660.	4.9	1
2	NPS detection in prison: A systematic literature review of use, drug form, and analytical approaches. Drug Testing and Analysis, 2022, 14, 1350-1367.	2.6	17
3	Flipped detection of psychoactive substances in complex mixtures using handheld Raman spectroscopy coupled to chemometrics. Journal of Raman Spectroscopy, 2022, 53, 1428-1444.	2.5	3
4	A Design-of-Experiments approach to developing thermoresponsive gelators from complex polymer mixtures. Molecular Systems Design and Engineering, 2020, 5, 1538-1546.	3.4	5
5	Modifying the Properties of Thermogelling Poloxamer 407 Solutions through Covalent Modification and the Use of Polymer Additives. Macromolecular Chemistry and Physics, 2019, 220, 1900173.	2.2	34
6	Method development for the determination of elements in Hypericum perforatum L. (St John's) Tj ETQq0 0 0 rgBT /Overlock 10 T microwave digestion. Journal of Pharmacy and Pharmacology, 2018, 71, 38-45.	2.4	7
7	Detection of newly emerging psychoactive substances using Raman spectroscopy and chemometrics. RSC Advances, 2018, 8, 31924-31933.	3.6	21
8	Identification of new psychoactive substances (NPS) using handheld Raman spectroscopy employing both 785 and 1064 nm laser sources. Forensic Science International, 2017, 273, 113-123.	2.2	51
9	Intended and unintended use of cathinone mixtures. Human Psychopharmacology, 2017, 32, e2598.	1.5	46
10	Drowning in diversity? A systematic way of clustering and selecting a representative set of new psychoactive substances. RSC Advances, 2017, 7, 53181-53191.	3.6	13
11	Small molecule recognition of mephedrone using an anthracene molecular clip. Chemical Communications, 2016, 52, 7474-7477.	4.1	10
12	Elemental fingerprinting of Hypericum perforatum (St Johnâ€™s Wort) herb and preparations using ICP-OES and chemometrics. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 15-21.	2.8	22
13	Native CB1 receptor affinity, intrinsic activity and accumbens shell dopamine stimulant properties of third generation SPICE/K2 cannabinoids: BB-22, 5F-PB-22, 5F-AKB-48 and STS-135. Neuropharmacology, 2016, 105, 630-638.	4.1	67
14	Survey of knowledge of legal highs (novel psychoactive substances) amongst London pharmacists. Drugs and Alcohol Today, 2015, 15, 93-99.	0.7	49
15	A molecular dynamic investigation of viscosity and diffusion coefficient of nanoclusters in hydrocarbon fluids. Computational Materials Science, 2015, 99, 242-246.	3.0	28
16	Simulation and experimental study of rheological properties of CeO2â€“water nanofluid. International Nano Letters, 2015, 5, 1-7.	5.0	14
17	Analysis of â€˜legal highâ€™ substances and common adulterants using handheld spectroscopic techniques. Analytical Methods, 2015, 7, 736-746.	2.7	32
18	Promoting innovation and excellence to face the rapid diffusion of Novel Psychoactive Substances in the EU: the outcomes of the ReDNet project. Human Psychopharmacology, 2013, 28, 317-323.	1.5	151

#	Article	IF	Citations
19	Phenomenon of new drugs on the Internet: the case of ketamine derivative methoxetamine. Human Psychopharmacology, 2012, 27, 145-149.	1.5	139
20	5,6â€Methylenedioxyâ€2â€aminoindane: from laboratory curiosity to â€˜legal highâ€™. Human Psychopharmacology, 2012, 27, 106-112.	1.5	38
21	Sensor materials for the detection of proteases. Biosensors and Bioelectronics, 2009, 24, 2113-2118.	10.1	38
22	Metal Binding Characterization and Conformational Studies Using Raman Microscopy of Resin-Bound Poly(aspartic acid). Analytical Chemistry, 2007, 79, 1999-2006.	6.5	12
23	Quantitative Determination of Single-Bead Metal Content from a Peptide Combinatorial Library. ACS Combinatorial Science, 2006, 8, 929-934.	3.3	4
24	Metal remediation and preconcentration using immobilized short-chain peptides composed of aspartic acid and cysteine. Microchemical Journal, 2005, 81, 69-80.	4.5	24
25	Immobilized peptides/amino acids on solid supports for metal remediation. Pure and Applied Chemistry, 2004, 76, 777-787.	1.9	55
26	Enhancement of the Ion-Transport Selectivity of Layered Polyelectrolyte Membranes through Cross-Linking and Hybridization. Chemistry of Materials, 2001, 13, 2641-2648.	6.7	102
27	Layered Polyelectrolyte Films as Selective, Ultrathin Barriers for Anion Transport. Chemistry of Materials, 2000, 12, 1941-1946.	6.7	194