

Jacqueline L Stair

List of Publications by Year in descending order

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27
papers

1,177
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered Polyelectrolyte Films as Selective, Ultrathin Barriers for Anion Transport. <i>Chemistry of Materials</i> , 2000, 12, 1941-1946.	6.7	194
2	Promoting innovation and excellence to face the rapid diffusion of Novel Psychoactive Substances in the EU: the outcomes of the ReDNet project. <i>Human Psychopharmacology</i> , 2013, 28, 317-323.	1.5	151
3	Phenomenon of new drugs on the Internet: the case of ketamine derivative methoxetamine. <i>Human Psychopharmacology</i> , 2012, 27, 145-149.	1.5	139
4	Enhancement of the Ion-Transport Selectivity of Layered Polyelectrolyte Membranes through Cross-Linking and Hybridization. <i>Chemistry of Materials</i> , 2001, 13, 2641-2648.	6.7	102
5	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. <i>Neuropharmacology</i> , 2016, 105, 630-638.	4.1	67
6	Immobilized peptides/amino acids on solid supports for metal remediation. <i>Pure and Applied Chemistry</i> , 2004, 76, 777-787.	1.9	55
7	Identification of new psychoactive substances (NPS) using handheld Raman spectroscopy employing both 785 and 1064 nm laser sources. <i>Forensic Science International</i> , 2017, 273, 113-123.	2.2	51
8	Survey of knowledge of legal highs (novel psychoactive substances) amongst London pharmacists. <i>Drugs and Alcohol Today</i> , 2015, 15, 93-99.	0.7	49
9	Intended and unintended use of cathinone mixtures. <i>Human Psychopharmacology</i> , 2017, 32, e2598.	1.5	46
10	Sensor materials for the detection of proteases. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2113-2118.	10.1	38
11	5,6-Methylenedioxy-2-aminoindane: from laboratory curiosity to "legal high"™. <i>Human Psychopharmacology</i> , 2012, 27, 106-112.	1.5	38
12	Modifying the Properties of Thermogelling Poloxamer 407 Solutions through Covalent Modification and the Use of Polymer Additives. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900173.	2.2	34
13	Analysis of "legal high"™ substances and common adulterants using handheld spectroscopic techniques. <i>Analytical Methods</i> , 2015, 7, 736-746.	2.7	32
14	A molecular dynamic investigation of viscosity and diffusion coefficient of nanoclusters in hydrocarbon fluids. <i>Computational Materials Science</i> , 2015, 99, 242-246.	3.0	28
15	Metal remediation and preconcentration using immobilized short-chain peptides composed of aspartic acid and cysteine. <i>Microchemical Journal</i> , 2005, 81, 69-80.	4.5	24
16	Elemental fingerprinting of <i>Hypericum perforatum</i> (St John's Wort) herb and preparations using ICP-OES and chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 125, 15-21.	2.8	22
17	Detection of newly emerging psychoactive substances using Raman spectroscopy and chemometrics. <i>RSC Advances</i> , 2018, 8, 31924-31933.	3.6	21
18	NPS detection in prison: A systematic literature review of use, drug form, and analytical approaches. <i>Drug Testing and Analysis</i> , 2022, 14, 1350-1367.	2.6	17

#	ARTICLE	IF	CITATIONS
19	Simulation and experimental study of rheological properties of CeO ₂ –water nanofluid. <i>International Nano Letters</i> , 2015, 5, 1-7.	5.0	14
20	Drowning in diversity? A systematic way of clustering and selecting a representative set of new psychoactive substances. <i>RSC Advances</i> , 2017, 7, 53181-53191.	3.6	13
21	Metal Binding Characterization and Conformational Studies Using Raman Microscopy of Resin-Bound Poly(aspartic acid). <i>Analytical Chemistry</i> , 2007, 79, 1999-2006.	6.5	12
22	Small molecule recognition of mephedrone using an anthracene molecular clip. <i>Chemical Communications</i> , 2016, 52, 7474-7477.	4.1	10
23	Method development for the determination of elements in <i>Hypericum perforatum</i> L. (St John's Tj ETQq1 1 0.784314 rgBT /Ov) microwave digestion. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 71, 38-45.	2.4	7
24	A Design-of-Experiments approach to developing thermoresponsive gelators from complex polymer mixtures. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1538-1546.	3.4	5
25	Quantitative Determination of Single-Bead Metal Content from a Peptide Combinatorial Library. <i>ACS Combinatorial Science</i> , 2006, 8, 929-934.	3.3	4
26	Flipped detection of psychoactive substances in complex mixtures using handheld Raman spectroscopy coupled to chemometrics. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 1428-1444.	2.5	3
27	Raman spectroscopy coupled to computational approaches towards understanding self-assembly in thermoreversible poloxamer gels. <i>Journal of Molecular Liquids</i> , 2022, 351, 118660.	4.9	1