Nicholas W Turner

List of Publications by Year
in descending order

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Version: 2024-02-01

		535685	445137
33	2,215	17	33
papers	citations	h-index	g-index

34	34	34	2853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of thymine-based nucleobase-modified acrylamide as a functional co-monomer in electropolymerised thin-film molecularly imprinted polymer (MIP) for selective protein (haemoglobin) binding. Talanta, 2022, 240, 123158.	2.9	12
2	Modulation of acetylcholinesterase activity using molecularly imprinted polymer nanoparticles. Journal of Materials Chemistry B, 2022, 10, 6732-6741.	2.9	7
3	A molecularly imprinted polymer nanoparticle-based surface plasmon resonance sensor platform for antibiotic detection in river water and milk. Analytical and Bioanalytical Chemistry, 2022, 414, 3687-3696.	1.9	20
4	Detection of selective androgen receptor modulators (SARMs) in serum using a molecularly imprinted nanoparticle surface plasmon resonance sensor. Journal of Materials Chemistry B, 2022, 10, 6792-6799.	2.9	9
5	Generation of High-Affinity. Methods in Molecular Biology, 2021, 2359, 109-121.	0.4	0
6	Hybrid aptamer-molecularly imprinted polymer (AptaMIP) nanoparticles selective for the antibiotic moxifloxacin. Polymer Chemistry, 2021, 12, 4394-4405.	1.9	17
7	Hybrid Aptamerâ€Molecularly Imprinted Polymer (aptaMIP) Nanoparticles from Protein Recognitionâ€"A Trypsin Model. Macromolecular Bioscience, 2021, 21, e2100002.	2.1	21
8	Application of comprehensive 2D chromatography in the anti-doping field: Sample identification and quantification. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1178, 122584.	1.2	8
9	Effect of polymerisation by microwave on the physical properties of molecularly imprinted polymers (MIPs) specific for caffeine. Polymer Chemistry, 2020, 11, 5778-5789.	1.9	7
10	Application of molecularly imprinted polymers in the anti-doping field: sample purification and compound analysis. Analyst, The, 2020, 145, 4716-4736.	1.7	9
11	Generation of High-Affinity Molecularly Imprinted Nanoparticles for Protein Recognition via a Solid-Phase Synthesis Protocol. Methods in Molecular Biology, 2020, 2073, 183-194.	0.4	7
12	Polythiophene nanofilms for sensitive fluorescence detection of viruses in drinking water. Biosensors and Bioelectronics, 2016, 82, 20-25.	5.3	20
13	Development of sample clean up methods for the analysis of Mycobacterium tuberculosis methyl mycocerosate biomarkers in sputum extracts by gas chromatographyâ€"mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 986-987, 135-142.	1.2	5
14	Analytical methods for determination of mycotoxins: An update (2009â€"2014). Analytica Chimica Acta, 2015, 901, 12-33.	2.6	190
15	Generation of Novel Hybrid Aptamerâ€"Molecularly Imprinted Polymeric Nanoparticles. Advanced Materials, 2015, 27, 750-758.	11.1	71
16	Influence of Surfaceâ€Imprinted Nanoparticles on Trypsin Activity. Advanced Healthcare Materials, 2014, 3, 1426-1429.	3.9	54
17	Detection of multiple steroidal compounds in synthetic urine using comprehensive gas chromatography-mass spectrometry (GCÃ—GC-MS) combined with a molecularly imprinted polymer clean-up protocol. Analyst, The, 2014, 139, 4955.	1.7	11
18	Trifluorosilane induced structural transitions in beta-lactoglobulin in sol and gel. Colloids and Surfaces B: Biointerfaces, 2014, 119, 6-13.	2.5	7

#	Article	IF	Citations
19	Nucleoside-Tailored Molecularly Imprinted Polymeric Nanoparticles (MIP NPs). Macromolecules, 2014, 47, 6322-6330.	2.2	28
20	N-2-Propenyl-(5-dimethylamino)-1-naphthalene Sulfonamide, a Novel Fluorescent Monomer for the Molecularly Imprinted Polymer-Based Detection of 2,4-Dinitrotoluene in the Gas Phase. Australian Journal of Chemistry, 2012, 65, 1405.	0.5	10
21	Microwave induced MIP synthesis: comparative analysis of thermal and microwave induced polymerisation of caffeine imprinted polymers. New Journal of Chemistry, 2010, 34, 686.	1.4	43
22	Analytical methods for determination of mycotoxins: A review. Analytica Chimica Acta, 2009, 632, 168-180.	2.6	716
23	Deposition of functionalized polymer layers in surface plasmon resonance immunosensors by in-situ polymerization in the evanescent wave field. Biosensors and Bioelectronics, 2009, 24, 1270-1275.	5.3	11
24	Rapid qualitative and quantitative analysis of opiates in extract of poppy head via FTIR and chemometrics: Towards in-field sensors. Biosensors and Bioelectronics, 2009, 24, 3322-3328.	5.3	16
25	Effect of template on the formation of phase-inversed molecularly imprinted polymer thin films: an assessment. Soft Matter, 2009, 5, 3663.	1.2	13
26	Recognition of Conformational Changes in Î²-Lactoglobulin by Molecularly Imprinted Thin Films. Biomacromolecules, 2007, 8, 2781-2787.	2.6	40
27	Formation of protein molecular imprints within Langmuir monolayers: A quartz crystal microbalance study. Journal of Colloid and Interface Science, 2007, 308, 71-80.	5.0	47
28	Molecularly imprinted polymers in clinical diagnosticsâ€"Future potential and existing problems. Medical Engineering and Physics, 2006, 28, 971-977.	0.8	134
29	From 3D to 2D: A Review of the Molecular Imprinting of Proteins. Biotechnology Progress, 2006, 22, 1474-1489.	1.3	330
30	From 3D to 2D: a review of the molecular imprinting of proteins. Biotechnology Progress, 2006, 22, 1474-89.	1.3	94
31	Controlled release of the herbicide simazine from computationally designed molecularly imprinted polymers. Journal of Controlled Release, 2005, 108, 132-139.	4.8	70
32	Effect of the solvent on recognition properties of molecularly imprinted polymer specific for ochratoxin A. Biosensors and Bioelectronics, 2004, 20, 1060-1067.	5.3	130
33	Surface functionalization of porous polypropylene membranes with polyaniline for protein immobilization. Biotechnology and Bioengineering, 2003, 82, 86-92.	1.7	56