

George H M Chan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

542
citations

933447

10
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Group 9 metal-based inhibitors of A β -amyloid (1-40) fibrillation as potential therapeutic agents for Alzheimer's disease. <i>Chemical Science</i> , 2011, 2, 917.	7.4	128
2	Direct Quantification of Single-Molecules of MicroRNA by Total Internal Reflection Fluorescence Microscopy. <i>Analytical Chemistry</i> , 2010, 82, 6911-6918.	6.5	74
3	Folate-conjugated Fe ₃ O ₄ @SiO ₂ @gold nanorods@mesoporous SiO ₂ hybrid nanomaterial: a theranostic agent for magnetic resonance imaging and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2934.	5.8	72
4	Effect of surface-functionalized nanoparticles on the elongation phase of beta-amyloid (1-40) fibrillogenesis. <i>Biomaterials</i> , 2012, 33, 4443-4450.	11.4	63
5	Controlling the misuse of cobalt in horses. <i>Drug Testing and Analysis</i> , 2015, 7, 21-30.	2.6	38
6	Direct Quantification of Circulating MiRNAs in Different Stages of Nasopharyngeal Cancerous Serum Samples in Single Molecule Level with Total Internal Reflection Fluorescence Microscopy. <i>Analytical Chemistry</i> , 2014, 86, 9880-9886.	6.5	34
7	Direct detection of prostate specific antigen by darkfield microscopy using single immunotargeting silver nanoparticle. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 737-744.	7.8	27
8	Doping control analysis of 46 polar drugs in horse plasma and urine using a "dilute-and-shoot"™ ultra high performance liquid chromatography-high resolution mass spectrometry approach. <i>Journal of Chromatography A</i> , 2016, 1451, 41-49.	3.7	25
9	Self-assembling protein platform for direct quantification of circulating microRNAs in serum with total internal reflection fluorescence microscopy. <i>Analytica Chimica Acta</i> , 2014, 823, 61-68.	5.4	14
10	Monitoring of DNA-protein interaction with single gold nanoparticles by localized scattering plasmon resonance spectroscopy. <i>Methods</i> , 2013, 64, 331-337.	3.8	12
11	Interlaboratory trial for the measurement of total cobalt in equine urine and plasma by ICP-MS. <i>Drug Testing and Analysis</i> , 2017, 9, 1400-1406.	2.6	12
12	Generation of phase II <i>in vitro</i> metabolites using homogenized horse liver. <i>Drug Testing and Analysis</i> , 2016, 8, 241-247.	2.6	9
13	Simultaneous detection of recombinant growth hormones in equine plasma by liquid chromatography/high-resolution tandem mass spectrometry for doping control. <i>Journal of Chromatography A</i> , 2016, 1478, 35-42.	3.7	8
14	Multifunctional Encoded Self-Assembling Protein Nanofibrils as Platform for High-Throughput and Multiplexed Detection of Biomolecules. <i>Analytical Chemistry</i> , 2011, 83, 9370-9377.	6.5	6
15	N-Acetyl-L-cysteine capped quantum dots offer neuronal cell protection by inhibiting beta (1-40) amyloid fibrillation. <i>Biomaterials Science</i> , 2013, 1, 577.	5.4	5
16	<i>In vitro</i> phase I metabolism of selective estrogen receptor modulators in horse using ultra-high performance liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2017, 9, 1349-1362.	2.6	5
17	A high-throughput and broad-spectrum screening method for analysing over 120 drugs in horse urine using liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2020, 12, 900-917.	2.6	4
18	Unravelling androgens in sport: Altrenogest shows strong activation of the androgen receptor in a mammalian cell bioassay. <i>Drug Testing and Analysis</i> , 2021, 13, 523-528.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Doping control study of AICAR in post-race urine and plasma samples from horses. Drug Testing and Analysis, 2017, 9, 1363-1371.	2.6	2
20	P3-065: POTENT INHIBITORS FOR OLIGOMERIC B-AMYLOID AGGREGATION. , 2014, 10, P651-P651.		0
21	Doping control analysis of total arsenic in equine plasma. Drug Testing and Analysis, 2020, 12, 1462-1469.	2.6	0