

Rosa Terracciano

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,219
citations

430874

18
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnologies for biomolecular detection and medical diagnostics. Current Opinion in Chemical Biology, 2006, 10, 11-19.	6.1	448
2	Selective binding and enrichment for low-molecular weight biomarker molecules in human plasma after exposure to nanoporous silica particles. Proteomics, 2006, 6, 3243-3250.	2.2	84
3	Nanoporous Surfaces as Harvesting Agents for Mass Spectrometric Analysis of Peptides in Human Plasma. Journal of Proteome Research, 2006, 5, 1261-1266.	3.7	71
4	The Proteomics Big Challenge for Biomarkers and New Drug-Targets Discovery. International Journal of Molecular Sciences, 2012, 13, 13926-13948.	4.1	56
5	Liposomal delivery improves the growth-inhibitory and apoptotic activity of low doses of gemcitabine in multiple myeloma cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 155-166.	3.3	52
6	Peptidome profiling of induced sputum by mesoporous silica beads and MALDI-TOF MS for non-invasive biomarker discovery of chronic inflammatory lung diseases. Proteomics, 2011, 11, 3402-3414.	2.2	49
7	Benralizumab in the treatment of severe asthma: design, development and potential place in therapy. Drug Design, Development and Therapy, 2018, Volume 12, 619-628.	4.3	46
8	Asthma and COPD proteomics: Current approaches and future directions. Proteomics - Clinical Applications, 2015, 9, 203-220.	1.6	44
9	Derivatized Mesoporous Silica Beads for MALDI-TOF MS Profiling of Human Plasma and Urine. Bioconjugate Chemistry, 2009, 20, 913-923.	3.6	34
10	Targeted proteomic approach in prostatic tissue: a panel of potential biomarkers for cancer detection. Oncoscience, 2016, 3, 220-241.	2.2	34
11	Application of Proteomics and Peptidomics to COPD. BioMed Research International, 2014, 2014, 1-8.	1.9	31
12	TLR4 triggered complex inflammation in human pancreatic islets. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 86-97.	3.8	29
13	Smart Trypsin Adsorption into (2-Aminoethyl)aminopropyl-Modified Mesoporous Silica for Ultra Fast Protein Digestion. Chemistry - A European Journal, 2010, 16, 8998-9001.	3.3	28
14	Enhancing plasma peptide MALDI-TOF-MS profiling by mesoporous silica assisted crystallization. Talanta, 2010, 80, 1532-1538.	5.5	26
15	Influence of storage conditions on MALDI-TOF MS profiling of gingival crevicular fluid: Implications on the role of S100A8 and S100A9 for clinical and proteomic based diagnostic investigations. Proteomics, 2016, 16, 1033-1045.	2.2	21
16	In Mesopore Protein Digestion: A New Forthcoming Strategy in Proteomics. Molecules, 2011, 16, 5938-5962.	3.8	20
17	Simultaneous extraction and rapid visualization of peptidomic and lipidomic body fluids fingerprints using mesoporous aluminosilicate and MALDI-TOF MS. Proteomics, 2012, 12, 3286-3294.	2.2	19
18	Mesopore-assisted profiling strategies in clinical proteomics for drug/target discovery. Drug Discovery Today, 2012, 17, 143-152.	6.4	18

#	ARTICLE	IF	CITATIONS
19	Assessment of pre-analytical and analytical variables affecting peptidome profiling of gingival crevicular fluid by MALDI-TOF mass spectrometry. <i>Clinica Chimica Acta</i> , 2014, 437, 120-128.	1.1	18
20	Gingival Crevicular Fluid Peptidome Profiling in Healthy and in Periodontal Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5270.	4.1	17
21	Objective and self-evaluation voice analysis after transoral laser cordectomy and radiotherapy in T1a-T1b glottic cancer. <i>Lasers in Medical Science</i> , 2018, 33, 141-147.	2.1	14
22	New conformationally homogeneous β -turn antagonists of the human B2 kinin receptor. <i>Journal of Peptide Science</i> , 2001, 7, 270-283.	1.4	12
23	An Analytical Method for Assessing Optimal Storage Conditions of Gingival Crevicular Fluid and Disclosing a Peptide Biomarker Signature of Gingivitis by MALDI-TOF MS. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1800005.	1.6	12
24	Rapid Detection and Identification of Antimicrobial Peptide Fingerprints of Nasal Fluid by Mesoporous Silica Particles and MALDI-TOF/TOF Mass Spectrometry: From the Analytical Approach to the Diagnostic Applicability in Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4005.	4.1	10
25	A rapid differential display analysis of nasal swab fingerprints to distinguish allergic from non-allergic rhinitis subjects by mesoporous silica particles and MALDI-TOF mass spectrometry. <i>Proteomics</i> , 2017, 17, 1600215.	2.2	8
26	Hexagonal Mesoporous Silica as a Rapid, Efficient and Versatile Tool for MALDI-TOF MS Sample Preparation in Clinical Peptidomics Analysis: A Pilot Study. <i>Molecules</i> , 2019, 24, 2311.	3.8	8
27	Effect of a novel functional tomato sauce (OsteoCol) from vine-ripened tomatoes on serum lipids in individuals with common hypercholesterolemia: tomato sauce and hypercholesterolemia. <i>Journal of Translational Medicine</i> , 2021, 19, 19.	4.4	8
28	Association between low bone mineral density and increased α -defensin in salivary fluid among postmenopausal women. <i>Menopause</i> , 2013, 20, 1275-1279.	2.0	2