

Emerging applications of metabolomics in drug discovery

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The application of metabolomics for herbal medicine pharmacovigilance: a case study on ginseng. <i>Essays in Biochemistry</i> , 2016, 60, 429-435.	2.1	6
2	Mass Spectrometry-Based Metabolomic and Proteomic Strategies in Organic Acidemias. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	32
3	Metabolomics and Its Application in the Development of Discovering Biomarkers for Osteoporosis Research. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2018.	1.8	51
4	Metabolomics: Bridging the Gap between Pharmaceutical Development and Population Health. <i>Metabolites</i> , 2016, 6, 20.	1.3	38
5	“Omic”-Informed Drug and Biomarker Discovery: Opportunities, Challenges and Future Perspectives. <i>Proteomes</i> , 2016, 4, 28.	1.7	126
6	Metabolic profiling—“multitude of technologies with great research potential, but (when) will translation emerge?”. <i>International Journal of Epidemiology</i> , 2016, 45, 1311-1318.	0.9	23
7	Poria Attenuates Idiosyncratic Liver Injury Induced by Polygoni Multiflori Radix Praeparata. <i>Frontiers in Pharmacology</i> , 2016, 7, 386.	1.6	26
8	Molecular Mechanisms and Metabolomics of Natural Polyphenols Interfering with Breast Cancer Metastasis. <i>Molecules</i> , 2016, 21, 1634.	1.7	45
9	Metabolomics in nutrition research—a powerful window into nutritional metabolism. <i>Essays in Biochemistry</i> , 2016, 60, 451-458.	2.1	22
10	Pharmacometabolomics informs pharmacogenomics. <i>Metabolomics</i> , 2016, 12, 1.	1.4	43
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12	Microbiome-wide association studies link dynamic microbial consortia to disease. <i>Nature</i> , 2016, 535, 94-103.	13.7	595
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14	Discovery of biomarkers in rare diseases: innovative approaches by predictive and personalized medicine. <i>EPMA Journal</i> , 2016, 7, 24.	3.3	28
15	The role of metabolomics in precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 517-532.	0.4	13
16	Caveats of Untargeted Metabolomics for Biomarker Discovery—. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1294-1296.	1.2	20
17	Metabolic effects of basic fibroblast growth factor in streptozotocin-induced diabetic rats: A 1H NMR-based metabolomics investigation. <i>Scientific Reports</i> , 2016, 6, 36474.	1.6	22
18	Tracing insights into human metabolism using chemical engineering approaches. <i>Current Opinion in Chemical Engineering</i> , 2016, 14, 72-81.	3.8	11

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19	Diisopropylethylamine/hexafluoroisopropanol-mediated ion-pairing ultra-high-performance liquid chromatography/mass spectrometry for phosphate and carboxylate metabolite analysis: utility for studying cellular metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1835-1845.	0.7	45
20	Mastitomics, the integrated omics of bovine milk in an experimental model of <i>Streptococcus uberis</i> mastitis: 3. Untargeted metabolomics. <i>Molecular BioSystems</i> , 2016, 12, 2762-2769.	2.9	35
22	SDHB deficiency promotes TGF β -mediated invasion and metastasis of colorectal cancer through transcriptional repression complex SNAIL1-SMAD3/4. <i>Translational Oncology</i> , 2016, 9, 512-520.	1.7	47
23	Metabolomics, nutrition and why epidemiology matters. <i>International Journal of Epidemiology</i> , 2016, 45, 1307-1310.	0.9	1
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39	Integrating clinical metabolomics-based biomarker discovery and clinical pharmacology to enable precision medicine. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, S15-S21.	1.9	92
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41	Stable isotope N -phosphoryl amino acids labeling for quantitative profiling of amine-containing metabolites using liquid chromatography mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 978, 24-34.	2.6	29
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