

# Hector C Keun

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128 papers	8,537 citations	49 h-index	91 g-index
136 ext. papers	9,795 ext. citations	7.1 avg, IF	5.56 L-index

#	Paper	IF	Citations
128	Metabolic profiling, metabolomic and metabonomic procedures for NMR spectroscopy of urine, plasma, serum and tissue extracts. <i>Nature Protocols</i> , <b>2007</b> , 2, 2692-703	18.8	1536
127	Metabolic profiling of human colorectal cancer using high-resolution magic angle spinning nuclear magnetic resonance (HR-MAS NMR) spectroscopy and gas chromatography mass spectrometry (GC/MS). <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 352-61	5.6	377
126	Contemporary issues in toxicology the role of metabonomics in toxicology and its evaluation by the COMET project. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 187, 137-46	4.6	342
125	High-resolution magic-angle-spinning NMR spectroscopy for metabolic profiling of intact tissues. <i>Nature Protocols</i> , <b>2010</b> , 5, 1019-32	18.8	309
124	The Consortium for Metabonomic Toxicology (COMET): aims, activities and achievements. <i>Pharmacogenomics</i> , <b>2005</b> , 6, 691-9	2.6	255
123	Analytical reproducibility in (1)H NMR-based metabonomic urinalysis. <i>Chemical Research in Toxicology</i> , <b>2002</b> , 15, 1380-6	4	239
122	Summary recommendations for standardization and reporting of metabolic analyses. <i>Nature Biotechnology</i> , <b>2005</b> , 23, 833-8	44.5	233
121	The human early-life exposome (HELIX): project rationale and design. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 535-44	8.4	219
120	Impact of analytical bias in metabonomic studies of human blood serum and plasma. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 4307-18	7.8	200
119	Cryogenic probe <sup>13</sup> C NMR spectroscopy of urine for metabonomic studies. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 4588-93	7.8	174
118	Improved analysis of multivariate data by variable stability scaling: application to NMR-based metabolic profiling. <i>Analytica Chimica Acta</i> , <b>2003</b> , 490, 265-276	6.6	149
117	Prediction and classification of drug toxicity using probabilistic modeling of temporal metabolic data: the consortium on metabonomic toxicology screening approach. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 4407-22	5.6	146
116	Metabolomics in toxicology and preclinical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , <b>2013</b> , 30, 209-25	4.3	135
115	Spectral editing and pattern recognition methods applied to high-resolution magic-angle spinning <sup>1</sup> H nuclear magnetic resonance spectroscopy of liver tissues. <i>Analytical Biochemistry</i> , <b>2003</b> , 323, 26-32	3.1	134
114	Direct quantitative trait locus mapping of mammalian metabolic phenotypes in diabetic and normoglycemic rat models. <i>Nature Genetics</i> , <b>2007</b> , 39, 666-72	36.3	132
113	Interlaboratory Reproducibility of a Targeted Metabolomics Platform for Analysis of Human Serum and Plasma. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 656-665	7.8	131
112	Geometric trajectory analysis of metabolic responses to toxicity can define treatment specific profiles. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 579-87	4	131

111	Metabonomic modeling of drug toxicity <b>2006</b> , 109, 92-106		128
110	NMR-based metabonomic toxicity classification: hierarchical cluster analysis and k-nearest-neighbour approaches. <i>Analytica Chimica Acta</i> , <b>2003</b> , 490, 3-15	6.6	127
109	Performance in omics analyses of blood samples in long-term storage: opportunities for the exploitation of existing biobanks in environmental health research. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, 480-7	8.4	111
108	Comparative metabonomics of differential hydrazine toxicity in the rat and mouse. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 204, 135-51	4.6	107
107	Metabolic profiling detects early effects of environmental and lifestyle exposure to cadmium in a human population. <i>BMC Medicine</i> , <b>2012</b> , 10, 61	11.4	98
106	Citrate transport and metabolism in mammalian cells: prostate epithelial cells and prostate cancer. <i>BioEssays</i> , <b>2009</b> , 31, 10-20	4.1	98
105	Metabolic profile biomarkers of metal contamination in a sentinel terrestrial species are applicable across multiple sites. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 4458-64	10.3	93
104	<sup>1</sup> H HR-MAS NMR spectroscopy of tumor-induced local metabolic "field-effects" enables colorectal cancer staging and prognostication. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 959-68	5.6	92
103	Pharmacometabonomic profiling as a predictor of toxicity in patients with inoperable colorectal cancer treated with capecitabine. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 3019-28	12.9	90
102	Diurnal rhythms in the human urine metabolome during sleep and total sleep deprivation. <i>Scientific Reports</i> , <b>2015</b> , 5, 14843	4.9	88
101	Meeting-in-the-middle using metabolic profiling - a strategy for the identification of intermediate biomarkers in cohort studies. <i>Biomarkers</i> , <b>2011</b> , 16, 83-8	2.6	88
100	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. <i>BMJ Open</i> , <b>2018</b> , 8, e021311	3	88
99	Ultra performance liquid chromatography-mass spectrometry profiling of bile acid metabolites in biofluids: application to experimental toxicology studies. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 5282-9	7.8	79
98	In-utero and childhood chemical exposome in six European mother-child cohorts. <i>Environment International</i> , <b>2018</b> , 121, 751-763	12.9	79
97	<sup>1</sup> H NMR spectroscopy-based interventional metabolic phenotyping: a cohort study of rheumatoid arthritis patients. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 4545-53	5.6	75
96	Choline-releasing glycerophosphodiesterase EDI3 drives tumor cell migration and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 8155-60	11.5	69
95	Toxicity classification from metabonomic data using a density superposition approach: "CLOUDS" <i>Analytica Chimica Acta</i> , <b>2003</b> , 490, 109-122	6.6	69
94	NMR-based metabolic profiling identifies biomarkers of liver regeneration following partial hepatectomy in the rat. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 59-69	5.6	68

93	Consensus-phenotype integration of transcriptomic and metabolomic data implies a role for metabolism in the chemosensitivity of tumour cells. <i>PLoS Computational Biology</i> , <b>2011</b> , 7, e1001113	5	65
92	Standard reporting requirements for biological samples in metabolomics experiments: mammalian/in vivo experiments. <i>Metabolomics</i> , <b>2007</b> , 3, 179-188	4.7	63
91	Identification of genomic biomarkers for anthracycline-induced cardiotoxicity in human iPSC-derived cardiomyocytes: an in vitro repeated exposure toxicity approach for safety assessment. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 2763-2777	5.8	62
90	Alterations of choline phospholipid metabolism in endometrial cancer are caused by choline kinase alpha overexpression and a hyperactivated deacylation pathway. <i>Cancer Research</i> , <b>2014</b> , 74, 6867-77	10.1	61
89	Inhibition of monocarboxylate transporter 1 by AZD3965 as a novel therapeutic approach for diffuse large B-cell lymphoma and Burkitt lymphoma. <i>Haematologica</i> , <b>2017</b> , 102, 1247-1257	6.6	58
88	Determinants of the urinary and serum metabolome in children from six European populations. <i>BMC Medicine</i> , <b>2018</b> , 16, 202	11.4	56
87	Application of metabonomics in drug development. <i>Pharmacogenomics</i> , <b>2007</b> , 8, 731-41	2.6	53
86	Robust algorithms for automated chemical shift calibration of 1D <sup>1</sup> H NMR spectra of blood serum. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 7158-62	7.8	52
85	Genetic algorithms for simultaneous variable and sample selection in metabonomics. <i>Bioinformatics</i> , <b>2009</b> , 25, 112-8	7.2	50
84	Serum molecular signatures of weight change during early breast cancer chemotherapy. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 6716-23	12.9	50
83	The carcinoGENOMICS project: critical selection of model compounds for the development of omics-based in vitro carcinogenicity screening assays. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2008</b> , 659, 202-10	7	50
82	Heteronuclear <sup>19</sup> F- <sup>1</sup> H statistical total correlation spectroscopy as a tool in drug metabolism: study of flucloxacillin biotransformation. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 1073-9	7.8	50
81	Temporal metabonomic modeling of l-arginine-induced exocrine pancreatitis. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 4435-45	5.6	49
80	Metabolomic Analysis Reveals Increased Aerobic Glycolysis and Amino Acid Deficit in a Cellular Model of Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2222-40	6.2	44
79	Astrocyte adenosine deaminase loss increases motor neuron toxicity in amyotrophic lateral sclerosis. <i>Brain</i> , <b>2019</b> , 142, 586-605	11.2	44
78	Metabolic profiling of rodent biological fluids via <sup>1</sup> H NMR spectroscopy using a 1 mm microlitre probe. <i>Analyst</i> , <b>2002</b> , 127, 582-4	5	44
77	Lipid degradation promotes prostate cancer cell survival. <i>Oncotarget</i> , <b>2017</b> , 8, 38264-38275	3.3	41
76	Metabolic signatures of malignant progression in prostate epithelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 1002-9	5.6	40

75	Metabolic profiling detects field effects in nondysplastic tissue from esophageal cancer patients. <i>Cancer Research</i> , <b>2010</b> , 70, 9129-36	10.1	38
74	Intracellular Staphylococcus aureus Modulates Host Central Carbon Metabolism To Activate Autophagy. <i>MSphere</i> , <b>2018</b> , 3,	5	37
73	Intra- and interlaboratory reproducibility of ultra performance liquid chromatography-time-of-flight mass spectrometry for urinary metabolic profiling. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2424-32	7.8	36
72	Mechanistic aspects and novel biomarkers of responder and non-responder phenotypes in galactosamine-induced hepatitis. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 5175-87	5.6	35
71	Metabolomic evaluation of rat liver and testis to characterize the toxicity of triazole fungicides. <i>Metabolomics</i> , <b>2006</b> , 2, 63-73	4.7	34
70	Metabolic profiling in human exposome studies. <i>Mutagenesis</i> , <b>2015</b> , 30, 755-62	2.8	33
69	Urine Metabolic Signatures of Multiple Environmental Pollutants in Pregnant Women: An Exposome Approach. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13469-13480	10.3	32
68	Chiral metabonomics: <sup>1</sup> H NMR-based enantiospecific differentiation of metabolites in human urine via direct cosolvation with Cyclodextrin. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 2868-74	7.8	31
67	Detection of metabolic alterations in non-tumor gastrointestinal tissue of the Apc(Min/+) mouse by (1)H MAS NMR spectroscopy. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 1423-30	5.6	31
66	Metabolic profiling of transgenic adenocarcinoma of mouse prostate (TRAMP) tissue by <sup>1</sup> H-NMR analysis: evidence for unusual phospholipid metabolism. <i>Prostate</i> , <b>2008</b> , 68, 1035-47	4.2	31
65	Nuclear magnetic resonance (NMR)-based metabolomics. <i>Methods in Molecular Biology</i> , <b>2011</b> , 708, 321-344	3.4	30
64	Cluster analysis statistical spectroscopy using nuclear magnetic resonance generated metabolic data sets from perturbed biological systems. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 6581-9	7.8	30
63	Plasma metabolomic profiles of breast cancer patients after short-term limonene intervention. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 86-93	3.2	27
62	diXa: a data infrastructure for chemical safety assessment. <i>Bioinformatics</i> , <b>2015</b> , 31, 1505-7	7.2	27
61	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. <i>Hepatology</i> , <b>2020</b> , 72, 1758-1770	11.2	27
60	p53 Loss in MYC-Driven Neuroblastoma Leads to Metabolic Adaptations Supporting Radioresistance. <i>Cancer Research</i> , <b>2016</b> , 76, 3025-35	10.1	25
59	Metabonomic analysis of ovarian tumour cyst fluid by proton nuclear magnetic resonance spectroscopy. <i>Oncotarget</i> , <b>2016</b> , 7, 7216-26	3.3	25
58	Metabolic characterization of Leishmania major infection in activated and nonactivated macrophages. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4211-22	5.6	24

57	Assessment of metabolic phenotypic variability in children's urine using H NMR spectroscopy. <i>Scientific Reports</i> , <b>2017</b> , 7, 46082	4.9	23
56	The coordinated action of VCP/p97 and GCN2 regulates cancer cell metabolism and proteostasis during nutrient limitation. <i>Oncogene</i> , <b>2019</b> , 38, 3216-3231	9.2	23
55	Suppression of MTHFD2 in MCF-7 Breast Cancer Cells Increases Glycolysis, Dependency on Exogenous Glycine, and Sensitivity to Folate Depletion. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 2618-25	5.6	23
54	Biofluid metabonomics using (1)H NMR spectroscopy: the road to biomarker discovery in gastroenterology and hepatology. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2012</b> , 6, 239-51	4.2	22
53	Omics-based responses induced by bosentan in human hepatoma HepaRG cell cultures. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 1939-1952	5.8	21
52	Serum metabolomic perturbations among workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Environmental and Molecular Mutagenesis</i> , <b>2013</b> , 54, 558-65	3.2	20
51	Blood-based omic profiling supports female susceptibility to tobacco smoke-induced cardiovascular diseases. <i>Scientific Reports</i> , <b>2017</b> , 7, 42870	4.9	19
50	Influence of glutathione-S-transferase (GST) inhibition on lung epithelial cell injury: role of oxidative stress and metabolism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L1274-85	5.8	17
49	A Systems Oncology Approach Identifies NT5E as a Key Metabolic Regulator in Tumor Cells and Modulator of Platinum Sensitivity. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 280-90	5.6	17
48	Pivotal role for two electron reduction in 2,3-dimethoxy-1,4-naphthoquinone and 2-methyl-1,4-naphthoquinone metabolism and kinetics in vivo that prevents liver redox stress. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 717-25	4	17
47	A model-based assay design to reproduce in vivo patterns of acute drug-induced toxicity. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 553-555	5.8	17
46	Metabolomic characterization of nipple aspirate fluid by (1)H NMR spectroscopy and GC-MS. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 883-9	5.6	15
45	Metabolomic characterisation of the effects of oncogenic PIK3CA transformation in a breast epithelial cell line. <i>Scientific Reports</i> , <b>2017</b> , 7, 46079	4.9	14
44	Metabolite signatures of doxorubicin induced toxicity in human induced pluripotent stem cell-derived cardiomyocytes. <i>Amino Acids</i> , <b>2017</b> , 49, 1955-1963	3.5	14
43	convISA: A simple, convoluted method for isotopomer spectral analysis of fatty acids and cholesterol. <i>Metabolic Engineering</i> , <b>2015</b> , 32, 125-132	9.7	14
42	Acetaminophen cytotoxicity in HepG2 cells is associated with a decoupling of glycolysis from the TCA cycle, loss of NADPH production, and suppression of anabolism. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 341-353	5.8	14
41	Evaluation of urinary ribonucleoside profiling for clinical biomarker discovery using constant neutral loss scanning liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 2071-82	2.2	13
40	Metabonomic analysis of water extracts from different angelica roots by <sup>1</sup> H-nuclear magnetic resonance spectroscopy. <i>Molecules</i> , <b>2014</b> , 19, 3460-70	4.8	12

39	Effect of the histone deacetylase inhibitor trichostatin a on the metabolome of cultured primary hepatocytes. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 413-9	5.6	12
38	The impact of p53 on aristolochic acid I-induced nephrotoxicity and DNA damage in vivo and in vitro. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 3345-3366	5.8	11
37	Altered Metabolic Profiles Associate with Toxicity in SOD1 Astrocyte-Neuron Co-Cultures. <i>Scientific Reports</i> , <b>2017</b> , 7, 50	4.9	10
36	Pre-diagnostic blood immune markers, incidence and progression of B-cell lymphoma and multiple myeloma: Univariate and functionally informed multivariate analyses. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 1335-1347	7.5	10
35	Lactic acidosis induces resistance to the pan-Akt inhibitor uposertib in colon cancer cells. <i>British Journal of Cancer</i> , <b>2020</b> , 122, 1298-1308	8.7	9
34	Spinal Cord Metabolic Signatures in Models of Fast- and Slow-Progressing SOD1 Amyotrophic Lateral Sclerosis. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1276	5.1	9
33	CYP3A7*1C allele is associated with reduced levels of 2-hydroxylation pathway oestrogen metabolites. <i>British Journal of Cancer</i> , <b>2017</b> , 116, 382-388	8.7	8
32	Intracellular Elicits the Production of Host Very Long-Chain Saturated Fatty Acids with Antimicrobial Activity. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	8
31	Predictive modelling using pathway scores: robustness and significance of pathway collections. <i>BMC Bioinformatics</i> , <b>2019</b> , 20, 543	3.6	8
30	Metabolic characterization of colorectal cancer cells harbouring different KRAS mutations in codon 12, 13, 61 and 146 using human SW48 isogenic cell lines. <i>Metabolomics</i> , <b>2020</b> , 16, 51	4.7	7
29	Variability of multi-omics profiles in a population-based child cohort. <i>BMC Medicine</i> , <b>2021</b> , 19, 166	11.4	7
28	Circulating sphingosine-1-phosphate inversely correlates with chemotherapy-induced weight gain during early breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2010</b> , 124, 543-9	4.4	6
27	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. <i>BMC Medicine</i> , <b>2020</b> , 18, 243	11.4	6
26	Metabolic signatures of greater body size and their associations with risk of colorectal and endometrial cancers in the European Prospective Investigation into Cancer and Nutrition. <i>BMC Medicine</i> , <b>2021</b> , 19, 101	11.4	6
25	A case of malignant hyperlactaemic acidosis appearing upon treatment with the mono-carboxylase transporter 1 inhibitor AZD3965. <i>British Journal of Cancer</i> , <b>2020</b> , 122, 1141-1145	8.7	5
24	The 14q32 maternally imprinted locus is a major source of longitudinally stable circulating microRNAs as measured by small RNA sequencing. <i>Scientific Reports</i> , <b>2019</b> , 9, 15787	4.9	5
23	Metabolomic studies of patient material by high-resolution magic angle spinning nuclear magnetic resonance spectroscopy. <i>Methods in Enzymology</i> , <b>2014</b> , 543, 297-313	1.7	5
22	Enhanced triacylglycerol catabolism by carboxylesterase 1 promotes aggressive colorectal carcinoma. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	5

21	Opportunities at the Interface of Network Science and Metabolic Modeling. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 591049	5.8	5
20	The early-life exposome and epigenetic age acceleration in children. <i>Environment International</i> , <b>2021</b> , 155, 106683	12.9	5
19	Evaluation of 1H NMR metabolic profiling using biofluid mixture design. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 6674-81	7.8	4
18	Systems level profiling of chemotherapy-induced stress resolution in cancer cells reveals druggable trade-offs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	4
17	Phase I expansion study of the first-in-class monocarboxylate transporter 1 (MCT1) inhibitor AZD3965 in patients with diffuse large B-cell lymphoma (DLBCL) and Burkitt lymphoma (BL).. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 3115-3115	2.2	4
16	Persistence of Epigenomic Effects After Recovery From Repeated Treatment With Two Nephrocarcinogens. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 558	4.5	4
15	Prospective analysis of circulating metabolites and endometrial cancer risk. <i>Gynecologic Oncology</i> , <b>2021</b> , 162, 475-481	4.9	4
14	Plasma metabolic profiling reveals age-dependency of systemic effects of green tea polyphenols in mice with and without prostate cancer. <i>Molecular BioSystems</i> , <b>2010</b> , 6, 1911-6		3
13	The Impact of p53 on Aristolochic Acid I-Induced Gene Expression In Vivo. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
12	Over-representation of correlation analysis (ORCA): a method for identifying associations between variable sets. <i>Bioinformatics</i> , <b>2015</b> , 31, 102-8	7.2	2
11	Tracing Nutrient Flux Following Monocarboxylate Transporter-1 Inhibition with AZD3965. <i>Cancers</i> , <b>2020</b> , 12,	6.6	2
10	Advancing tools for human early lifecourse exposome research and translation (ATHLETE): Project overview.. <i>Environmental Epidemiology</i> , <b>2021</b> , 5, e166	0.2	2
9	β-Hydroxybutyrate Oxidation Promotes the Accumulation of Immunometabolites in Activated Microglia Cells. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	2
8	RNA-binding motif protein 39 (RBM39): An emerging cancer target. <i>British Journal of Pharmacology</i> , <b>2020</b> ,	8.6	2
7	T cell inhibitory mechanisms in a model of aggressive Non-Hodgkin's Lymphoma. <i>Oncot Immunology</i> , <b>2017</b> , 7, e1365997	7.2	1
6	Reply to Moestue et al.: Untangling the contribution of choline metabolism to the metastatic process: Fig. 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E2507-E2507	11.5	1
5	Metabonomics study of the effects of single copy mutant KRAS in the presence or absence of WT allele using human HCT116 isogenic cell lines. <i>Metabolomics</i> , <b>2021</b> , 17, 104	4.7	1
4	Urinary metabolite quantitative trait loci in children and their interaction with dietary factors. <i>Human Molecular Genetics</i> , <b>2021</b> , 29, 3830-3844	5.6	1

- 3 Indisulam targets RNA splicing and metabolism to serve as a therapeutic strategy for high-risk neuroblastoma.. *Nature Communications*, **2022**, 13, 1380 17.4 1
- 2 Metabolic Profiling for Biomarker Discovery **2010**, 47-74
- 1 Integrated Systems Level Examination of Proteasome Inhibitor Stress Recovery in Myeloma Cells Reveals Druggable Vulnerabilities Linked to Multiple Metabolic Processes. *Blood*, **2019**, 134, 1818-1818 2.2