

# Anna Halama

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9532022/publications.pdf>

Version: 2024-02-01

26  
papers

810  
citations

516215

16  
h-index

580395

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1772  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Oligoethylenimine-grafted polypropylenimine dendrimers as degradable and biocompatible synthetic vectors for gene delivery. <i>Journal of Controlled Release</i> , 2008, 132, 131-140.                | 4.8 | 106       |
| 2  | Metabolomics in cell culture—A strategy to study crucial metabolic pathways in cancer development and the response to treatment. <i>Archives of Biochemistry and Biophysics</i> , 2014, 564, 100-109. | 1.4 | 67        |
| 3  | Metabolic switch during adipogenesis: From branched chain amino acid catabolism to lipid synthesis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 93-107.                               | 1.4 | 63        |
| 4  | Identification of biomarkers for apoptosis in cancer cell lines using metabolomics: tools for individualized medicine. <i>Journal of Internal Medicine</i> , 2013, 274, 425-439.                      | 2.7 | 60        |
| 5  | Epigenetics meets proteomics in an epigenome-wide association study with circulating blood plasma protein traits. <i>Nature Communications</i> , 2020, 11, 15.  | 5.8 | 57        |
| 6  | Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. <i>Cancer Letters</i> , 2018, 430, 133-147.   | 3.2 | 54        |
| 7  | Metabolic Signatures of Cultured Human Adipocytes from Metabolically Healthy versus Unhealthy Obese Individuals. <i>PLoS ONE</i> , 2014, 9, e93148.   | 1.1 | 47        |
| 8  | Metabolomics of dates ( <i>Phoenix dactylifera</i> ) reveals a highly dynamic ripening process accounting for major variation in fruit composition. <i>BMC Plant Biology</i> , 2015, 15, 291.         | 1.6 | 41        |
| 9  | Advancing Cancer Treatment by Targeting Glutamine Metabolism—A Roadmap. <i>Cancers</i> , 2022, 14, 553.   | 1.7 | 40        |
| 10 | Polymer-based non-viral gene delivery as a concept for the treatment of cancer. <i>Pharmacological Reports</i> , 2009, 61, 993-999.   | 1.5 | 36        |
| 11 | Metabolic signatures differentiate ovarian from colon cancer cell lines. <i>Journal of Translational Medicine</i> , 2015, 13, 223.  | 1.8 | 34        |
| 12 | Deep molecular phenotypes link complex disorders and physiological insult to CpG methylation. <i>Human Molecular Genetics</i> , 2018, 27, 1106-1121.  | 1.4 | 30        |
| 13 | Metabolomics of Dynamic Changes in Insulin Resistance Before and After Exercise in PCOS. <i>Frontiers in Endocrinology</i> , 2019, 10, 116.   | 1.5 | 29        |
| 14 | Metabolic Signatures in Apoptotic Human Cancer Cell Lines. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 325-335.   | 1.0 | 27        |
| 15 | Metabolic and proteomic signatures of hypoglycaemia in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 909-919.  | 2.2 | 20        |
| 16 | Metabolic Signatures of Tumor Responses to Doxorubicin Elucidated by Metabolic Profiling in Ovo. <i>Metabolites</i> , 2020, 10, 268.  | 1.3 | 19        |
| 17 | A comprehensive metabolomic data set of date palm fruit. <i>Data in Brief</i> , 2018, 18, 1313-1321.  | 0.5 | 18        |
| 18 | Characterization of Bulk Phosphatidylcholine Compositions in Human Plasma Using Side-Chain Resolving Lipidomics. <i>Metabolites</i> , 2019, 9, 109.   | 1.3 | 15        |

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|----|---|-----|-----------|
| 19 | Metabolic changes of the blood metabolome after a date fruit challenge. <i>Journal of Functional Foods</i> , 2018, 49, 267-276.   | 1.6 | 10        |
| 20 | Defining the landscape of metabolic dysregulations in cancer metastasis. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 345-362.   | 1.7 | 8         |
| 21 | Matching Drug Metabolites from Non-Targeted Metabolomics to Self-Reported Medication in the Qatar Biobank Study. <i>Metabolites</i> , 2022, 12, 249.  | 1.3 | 7         |
| 22 | Identification of genetic variants controlling RNA editing and their effect on RNA structure stabilization. <i>European Journal of Human Genetics</i> , 2020, 28, 1753-1762.                  | 1.4 | 5         |
| 23 | The metabolic footprint of compromised insulin sensitivity under fasting and hyperinsulinemic-euglycemic clamp conditions in an Arab population. <i>Scientific Reports</i> , 2020, 10, 17164. | 1.6 | 5         |
| 24 | Metabolic Predictors of Equine Performance in Endurance Racing. <i>Metabolites</i> , 2021, 11, 82.  | 1.3 | 5         |
| 25 | Ratios of Acetaminophen Metabolites Identify New Loci of Pharmacogenetic Relevance in a Genome-Wide Association Study. <i>Metabolites</i> , 2022, 12, 496.                                    | 1.3 | 4         |
| 26 | Deep sequencing of DNA from urine of kidney allograft recipients to estimate donor/recipient-specific DNA fractions. <i>PLoS ONE</i> , 2021, 16, e0249930.                                    | 1.1 | 0         |