

# Seth J Parker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1423658/publications.pdf>

Version: 2024-02-01

25  
papers

4,686  
citations

394421

19  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

8628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transsulfuration, minor player or crucial for cysteine homeostasis in cancer. Trends in Cell Biology, 2022, 32, 800-814.	7.9	41
2	Metabolic reprogramming of tumor-associated macrophages by collagen turnover promotes fibrosis in pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119168119.	7.1	31
3	No Back-up Plan: Loss of Isozyme Diversity as a Promising Therapeutic Strategy for Cancer. Cancer Research, 2022, 82, 1695-1697.	0.9	0
4	Autophagy is required for proper cysteine homeostasis in pancreatic cancer through regulation of SLC7A11. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	48
5	Transporters at the Interface between Cytosolic and Mitochondrial Amino Acid Metabolism. Metabolites, 2021, 11, 112.	2.9	21
6	Spontaneous hydrolysis and spurious metabolic properties of $\alpha$ -ketoglutarate esters. Nature Communications, 2021, 12, 4905.	12.8	17
7	Disruption of redox homeostasis for combinatorial drug efficacy in K-Ras tumors as revealed by metabolic connectivity profiling. Cancer & Metabolism, 2020, 8, 22.	5.0	10
8	Respiratory Supercomplexes Promote Mitochondrial Efficiency and Growth in Severely Hypoxic Pancreatic Cancer. Cell Reports, 2020, 33, 108231.	6.4	70
9	Selective Alanine Transporter Utilization Creates a Targetable Metabolic Niche in Pancreatic Cancer. Cancer Discovery, 2020, 10, 1018-1037.	9.4	104
10	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. Nature, 2020, 581, 100-105.	27.8	628
11	Deuterium Tracing to Interrogate Compartment-Specific NAD(P)H Metabolism in Cultured Mammalian Cells. Methods in Molecular Biology, 2020, 2088, 51-71.	0.9	5
12	KRAS4A directly regulates hexokinase 1. Nature, 2019, 576, 482-486.	27.8	129
13	Oncogenic R132 IDH1 Mutations Limit NADPH for De Novo Lipogenesis through (D)2-Hydroxyglutarate Production in Fibrosarcoma Cells. Cell Reports, 2018, 25, 1018-1026.e4.	6.4	56
14	Transaminase Inhibition by 2-Hydroxyglutarate Impairs Glutamate Biosynthesis and Redox Homeostasis in Glioma. Cell, 2018, 175, 101-116.e25.	28.9	234
15	LKB1 promotes metabolic flexibility in response to energy stress. Metabolic Engineering, 2017, 43, 208-217.	7.0	42
16	Posttranscriptional Upregulation of IDH1 by HuR Establishes a Powerful Survival Phenotype in Pancreatic Cancer Cells. Cancer Research, 2017, 77, 4460-4471.	0.9	87
17	Reductive carboxylation supports redox homeostasis during anchorage-independent growth. Nature, 2016, 532, 255-258.	27.8	472
18	Distinct Metabolic States Can Support Self-Renewal and Lipogenesis in Human Pluripotent Stem Cells under Different Culture Conditions. Cell Reports, 2016, 16, 1536-1547.	6.4	112

#	ARTICLE	IF	CITATIONS
19	Chasing One-Carbon Units to Understand the Role of Serine in Epigenetics. <i>Molecular Cell</i> , 2016, 61, 185-186.	9.7	25
20	Metabolic consequences of oncogenic IDH mutations. , 2015, 152, 54-62.		125
21	Loss of succinate dehydrogenase activity results in dependency on pyruvate carboxylation for cellular anabolism. <i>Nature Communications</i> , 2015, 6, 8784.	12.8	169
22	Regulation of Substrate Utilization by the Mitochondrial Pyruvate Carrier. <i>Molecular Cell</i> , 2014, 56, 425-435.	9.7	243
23	IDH1 Mutations Alter Citric Acid Cycle Metabolism and Increase Dependence on Oxidative Mitochondrial Metabolism. <i>Cancer Research</i> , 2014, 74, 3317-3331.	0.9	224
24	Tracing Compartmentalized NADPH Metabolism in the Cytosol and Mitochondria of Mammalian Cells. <i>Molecular Cell</i> , 2014, 55, 253-263.	9.7	477
25	Macropinocytosis of protein is an amino acid supply route in Ras-transformed cells. <i>Nature</i> , 2013, 497, 633-637.	27.8	1,316