# Kuo-Yuan Cheng

List of Publications by Year
in descending order

| 15 | 1,214 | 933447 | 1058476 |
|---|---|---|---|
| papers | citations | 10 | 14 |
| | | h-index | g-index |

| 21 | 21 | 21 | 3037 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Synthetic lethality-based prediction of anti-SARS-CoV-2 targets. IScience, 2022, 25, 104311. | 4.1 | 7 |
| 2 | Identification of bacteria-derived HLA-bound peptides in melanoma. Nature, 2021, 592, 138-143. | 27.8 | 187 |
| 3 | Identification of drugs associated with reduced severity of COVID-19 â€" a case-control study in a large population. ELife, 2021, 10, . | 6.0 | 32 |
| 4 | Using a Recently Approved Tumor Mutational Burden Biomarker to Stratify Patients for Immunotherapy May Introduce a Sex Bias. JCO Precision Oncology, 2021, 5, 1147-1150. | 3.0 | 4 |
| 5 | Synthetic lethality across normal tissues is strongly associated with cancer risk, onset, and tumor suppressor specificity. Science Advances, 2021, 7, . | 10.3 | 16 |
| 6 | Genomeâ€scale metabolic modeling reveals SARSâ€CoVâ€2â€induced metabolic changes and antiviral targets. Molecular Systems Biology, 2021, 17, e10260. | 7.2 | 26 |
| 7 | Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. Nature, 2020, 586, 113-119. | 27.8 | 672 |
| 8 | <i>In vitro</i> and <i>inÂvivo</i> identification of clinically approved drugs that modify <i><scp>ACE</scp> 2 </i> expression. Molecular Systems Biology, 2020, 16, e9628. | 7.2 | 47 |
| 9 | Genomeâ€wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. Molecular Systems Biology, 2019, 15, e8323. | 7.2 | 25 |
| 10 | Combinatorial Detection of Conserved Alteration Patterns for Identifying Cancer Subnetworks. GigaScience, 2019, 8, . | 6.4 | 9 |
| 11 | Harnessing synthetic lethality to predict the response to cancer treatment. Nature Communications, 2018, 9, 2546. | 12.8 | 97 |
| 12 | MnTMâ€4â€PyP Modulates Endogenous Antioxidant Responses and Protects Primary Cortical Neurons against Oxidative Stress. CNS Neuroscience and Therapeutics, 2015, 21, 435-445. | 3.9 | 5 |
| 13 | Novel mechanisms for superoxide-scavenging activity of human manganese superoxide dismutase determined by the K68 key acetylation site. Free Radical Biology and Medicine, 2015, 85, 114-126. | 2.9 | 42 |
| 14 | Berberine regulates neurite outgrowth through AMPK-dependent pathways by lowering energy status. Experimental Cell Research, 2015, 334, 194-206. | 2.6 | 19 |
| 15 | ISDN2014_0329: REMOVED: MnTMâ€4â€PyP protects cortical neurons against oxidative stress via induction of cellular antioxidant responses. International Journal of Developmental Neuroscience, 2015, 47, 101-101. | 1.6 | 0 |