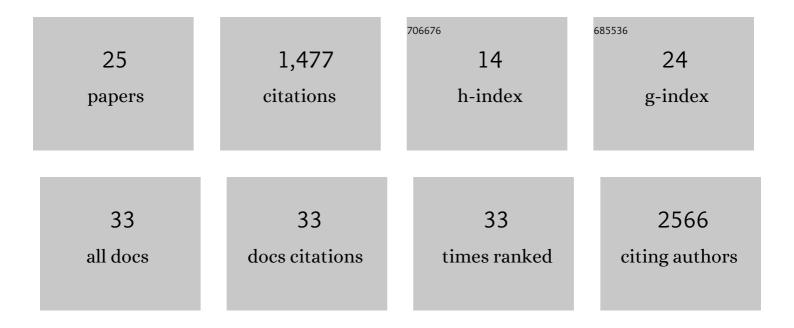
Maxwell Z Wilson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3739166/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Algal p-coumaric acid induces oxidative stress and siderophore biosynthesis in the bacterial symbiont Phaeobacter inhibens. Cell Chemical Biology, 2022, 29, 670-679.e5.	2.5	9
2	Dynamic assembly of the mRNA m6A methyltransferase complex is regulated by METTL3 phase separation. PLoS Biology, 2022, 20, e3001535.	2.6	22
3	CREST, a Cas13â€Based, Rugged, Equitable, Scalable Testing (CREST) for SARSâ€CoVâ€2 Detection in Patient Samples. Current Protocols, 2022, 2, e385.	1.3	3
4	Optogenetics in the hot seat. Nature Chemical Biology, 2022, 18, 118-119.	3.9	3
5	Signaling by the integrated stress response kinase PKR is fine-tuned by dynamic clustering. Journal of Cell Biology, 2022, 221, .	2.3	17
6	A Fast and Accessible Method for the Isolation of RNA, DNA, and Protein To Facilitate the Detection of SARS-CoV-2. Journal of Clinical Microbiology, 2021, 59, .	1.8	17
7	Formation and Function of Liquid-Like Viral Factories in Negative-Sense Single-Stranded RNA Virus Infections. Viruses, 2021, 13, 126.	1.5	27
8	Comparison of Severe Acute Respiratory Syndrome Coronavirus 2 Screening Using Reverse Transcriptase–Quantitative Polymerase Chain Reaction or CRISPR-Based Assays in Asymptomatic College Students. JAMA Network Open, 2021, 4, e2037129.	2.8	12
9	A Scalable, Easy-to-Deploy Protocol for Cas13-Based Detection of SARS-CoV-2 Genetic Material. Journal of Clinical Microbiology, 2021, 59, .	1.8	91
10	Shining Light on Cyclopentadienone–Norbornadiene Diels–Alder Adducts to Enable Photoinduced Click Chemistry with Cyclopentadiene. ACS Applied Materials & Interfaces, 2021, 13, 35422-35430.	4.0	9
11	An Optogenetic Platform to Dynamically Control the Stiffness of Collagen Hydrogels. ACS Biomaterials Science and Engineering, 2021, 7, 408-414.	2.6	15
12	The impact of SARSâ€CoVâ€2 in dementia across Latin America: A call for an urgent regional plan and coordinated response. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12092.	1.8	21
13	Optogenetic control of protein binding using light-switchable nanobodies. Nature Communications, 2020, 11, 4044.	5.8	91
14	Engineering combinatorial and dynamic decoders using synthetic immediate-early genes. Communications Biology, 2020, 3, 436.	2.0	9
15	A Dual-Mechanism Antibiotic Kills Gram-Negative Bacteria and Avoids Drug Resistance. Cell, 2020, 181, 1518-1532.e14.	13.5	202
16	A Live-Cell Screen for Altered Erk Dynamics Reveals Principles of Proliferative Control. Cell Systems, 2020, 10, 240-253.e6.	2.9	58
17	The proline-rich domain promotes Tau liquid–liquid phase separation in cells. Journal of Cell Biology, 2020, 219, .	2.3	58
18	Light-based control of metabolic flux through assembly of synthetic organelles. Nature Chemical Biology, 2019, 15, 589-597.	3.9	176

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#	Article	IF	CITATIONS
19	Lighting Up Cancer Dynamics. Trends in Cancer, 2018, 4, 657-659.	3.8	2
20	Tracing Information Flow from Erk to Target Gene Induction Reveals Mechanisms of Dynamic and Combinatorial Control. Molecular Cell, 2017, 67, 757-769.e5.	4.5	133
21	Optogenetic Control of Ras/Erk Signaling Using the Phy–PIF System. Methods in Molecular Biology, 2017, 1636, 3-20.	0.4	18
22	Mode of action and resistance studies unveil new roles for tropodithietic acid as an anticancer agent and the γ-glutamyl cycle as a proton sink. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1630-1635.	3.3	67
23	Enzyme clustering accelerates processing of intermediates through metabolic channeling. Nature Biotechnology, 2014, 32, 1011-1018.	9.4	340
24	Beyond the cytoskeleton: mesoscale assemblies and their function in spatial organization. Current Opinion in Microbiology, 2013, 16, 177-183.	2.3	28
25	Extracellular Optogenetics at the Interface of Synthetic Biology and Materials Science. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	4