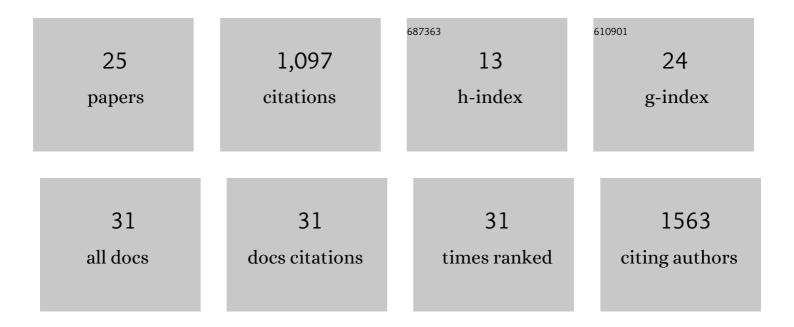
Luay M Almassalha

List of Publications by Year in descending order

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Ι ΠΑΥ Μ ΔΙ ΜΑς SAL ΗΑ

#	Article	IF	CITATIONS
1	Chromatin histone modifications and rigidity affect nuclear morphology independent of lamins. Molecular Biology of the Cell, 2018, 29, 220-233.	2.1	257
2	Clostridium difficile Ribotype Does Not Predict Severe Infection. Clinical Infectious Diseases, 2012, 55, 1661-1668.	5.8	172
3	Super-resolution spectroscopic microscopy via photon localization. Nature Communications, 2016, 7, 12290.	12.8	91
4	Physicochemical mechanotransduction alters nuclear shape and mechanics via heterochromatin formation. Molecular Biology of the Cell, 2019, 30, 2320-2330.	2.1	77
5	The effects of chemical fixation on the cellular nanostructure. Experimental Cell Research, 2017, 358, 253-259.	2.6	64
6	Label-free imaging of the native, living cellular nanoarchitecture using partial-wave spectroscopic microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6372-E6381.	7.1	56
7	Superresolution intrinsic fluorescence imaging of chromatin utilizing native, unmodified nucleic acids for contrast. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9716-9721.	7.1	56
8	Macrogenomic engineering via modulation of the scaling of chromatin packing density. Nature Biomedical Engineering, 2017, 1, 902-913.	22.5	47
9	Nanoscale chromatin imaging and analysis platform bridges 4D chromatin organization with molecular function. Science Advances, 2021, 7, .	10.3	37
10	Disordered chromatin packing regulates phenotypic plasticity. Science Advances, 2020, 6, eaax6232.	10.3	34
11	Physical and data structure of 3D genome. Science Advances, 2020, 6, eaay4055.	10.3	32
12	The Greater Genomic Landscape: The Heterogeneous Evolution of Cancer. Cancer Research, 2016, 76, 5605-5609.	0.9	25
13	Spectral contrast optical coherence tomography angiography enables single-scan vessel imaging. Light: Science and Applications, 2019, 8, 7.	16.6	24
14	Analysis of three-dimensional chromatin packing domains by chromatin scanning transmission electron microscopy (ChromSTEM). Scientific Reports, 2022, 12, .	3.3	18
15	Multimodal interference-based imaging of nanoscale structure and macromolecular motion uncovers UV induced cellular paroxysm. Nature Communications, 2019, 10, 1652.	12.8	16
16	Dynamic Crowding Regulates Transcription. Biophysical Journal, 2020, 118, 2117-2129.	0.5	15
17	Colocalization of cellular nanostructure using confocal fluorescence and partial wave spectroscopy. Journal of Biophotonics, 2017, 10, 377-384.	2.3	13
18	Correlating colorectal cancer risk with field carcinogenesis progression using partial wave spectroscopic microscopy. Cancer Medicine, 2018, 7, 2109-2120.	2.8	12

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#	Article	IF	CITATIONS
19	Higher Order Chromatin Modulator Cohesin SA1 Is an Early Biomarker for Colon Carcinogenesis: Race-Specific Implications. Cancer Prevention Research, 2016, 9, 844-854.	1.5	11
20	Measuring Nanoscale Chromatin Heterogeneity with Partial Wave Spectroscopic Microscopy. Methods in Molecular Biology, 2018, 1745, 337-360.	0.9	10
21	The transformation of the nuclear nanoarchitecture in human field carcinogenesis. Future Science OA, 2017, 3, FSO206.	1.9	8
22	Physicochemical mechanotransduction alters nuclear shape and mechanics via heterochromatin formation. Molecular Biology of the Cell, 2019, , mbc.E19-05-0286.	2.1	6
23	Preservation of cellular nano-architecture by the process of chemical fixation for nanopathology. PLoS ONE, 2019, 14, e0219006.	2.5	4
24	Label free localization of nanoparticles in live cancer cells using spectroscopic microscopy. Nanoscale, 2018, 10, 19125-19130.	5.6	3
25	Nuclear Blebbing Solely as a Function of Chromatin Compaction State. FASEB Journal, 2017, 31, lb237.	0.5	0