

# Meng-Tse Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10840791/publications.pdf>

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9  
papers

394  
citations

1307594

7  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanosecond electric pulse-induced calcium entry into chromaffin cells. <i>Bioelectrochemistry</i> , 2008, 73, 1-4.	4.6	97
2	Nanosecond Pulsed Plasma Dental Probe. <i>Plasma Processes and Polymers</i> , 2009, 6, 479-483.	3.0	92
3	Cardiac Myocyte Excitation by Ultrashort High-Field Pulses. <i>Biophysical Journal</i> , 2009, 96, 1640-1648.	0.5	75
4	Pulsed Atmospheric-Pressure Cold Plasma for Endodontic Disinfection $\hat{\ast}$ . <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 1190-1195.	1.3	65
5	Sequential Administration of Carbon Nanotubes and Near-Infrared Radiation for the Treatment of Gliomas. <i>Frontiers in Oncology</i> , 2014, 4, 180.	2.8	29
6	Two-dimensional nanosecond electric field mapping based on cell electropermeabilization. <i>PMC Biophysics</i> , 2009, 2, 9.	2.3	20
7	Inactivation Kinetics Study of an Atmospheric-Pressure Cold-Plasma Jet Against Pathogenic Microorganisms. <i>IEEE Transactions on Plasma Science</i> , 2012, 40, 2879-2882.	1.3	15
8	Compact high voltage subnanosecond pulsed power delivery system for biological applications. , 2007, , .		1
9	Oscillatory and Pulsatile Shear Stress Differentially Influences Mitochondrial Membrane Potential. <i>FASEB Journal</i> , 2007, 21, A573.	0.5	0