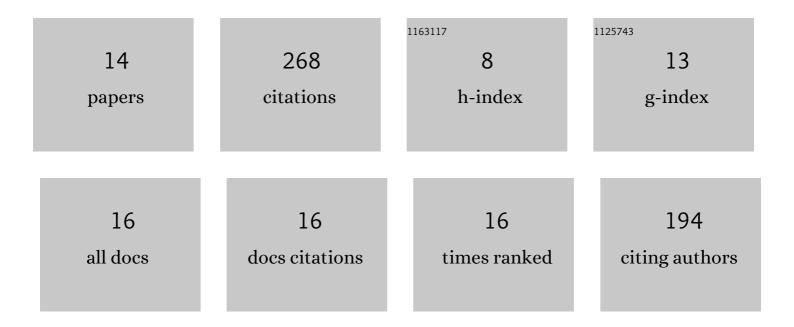
T K Shajahan

List of Publications by Year in descending order

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ΤΚ ΟΗΛΙΛΗΛΝ

#	Article	IF	CITATIONS
1	Theory of unpinning of spiral waves using circularly polarized electric fields in mathematical models of excitable media. Physical Review E, 2020, 102, 032411.	2.1	10
2	Spiral wave unpinning facilitated by wave emitting sites in cardiac monolayers. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190420.	2.1	5
3	Mechanisms of vortices termination in the cardiac muscle. Royal Society Open Science, 2017, 4, 170024.	2.4	18
4	Scanning and resetting the phase of a pinned spiral wave using periodic far field pulses. New Journal of Physics, 2016, 18, 043012.	2.9	18
5	Entropy Rate Maps of Complex Excitable Dynamics in Cardiac Monolayers. Entropy, 2015, 17, 950-967.	2.2	5
6	Eliminating pinned spiral waves in cardiac monolayer by far field pacing. , 2014, , .		1
7	Spiral–pacemaker interactions in a mathematical model of excitable medium. New Journal of Physics, 2013, 15, 023028.	2.9	2
8	Spiral-Wave Dynamics in a Mathematical Model of Human Ventricular Tissue with Myocytes and Fibroblasts. PLoS ONE, 2013, 8, e72950.	2.5	55
9	Pacemaker interactions induce reentrant wave dynamics in engineered cardiac culture. Chaos, 2012, 22, 033132.	2.5	15
10	Scaling properties of conduction velocity in heterogeneous excitable media. Physical Review E, 2011, 84, 046208.	2.1	11
11	Spiral-Wave Turbulence and Its Control in the Presence of Inhomogeneities in Four Mathematical Models of Cardiac Tissue. PLoS ONE, 2009, 4, e4738.	2.5	65
12	The Mathematical Modelling of Inhomogeneities in Ventricular Tissue. Understanding Complex Systems, 2009, , 51-67.	0.6	2
13	Spiral-wave dynamics depend sensitively on inhomogeneities in mathematical models of ventricular tissue. Physical Review E, 2007, 75, 011929.	2.1	55
14	VENTRICULAR FIBRILLATION IN A SIMPLE EXCITABLE MEDIUM MODEL OF CARDIAC TISSUE. International Journal of Modern Physics B, 2003, 17, 5645-5654.	2.0	6