

# J-M Vesin

## List of Publications by Year in descending order

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14  
papers

587  
citations

758635

12  
h-index

1058022

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic comparison of non-invasive measures for the assessment of atrial fibrillation complexity: a step forward towards standardization of atrial fibrillation electrogram analysis. <i>Europace</i> , 2015, 17, 318-325.	0.7	20
2	Influence of atrial substrate on local capture induced by rapid pacing of atrial fibrillation. <i>Europace</i> , 2014, 16, 766-773.	0.7	6
3	Atrial septal pacing for the termination of atrial fibrillation: study in a biophysical model of human atria. <i>Europace</i> , 2012, 14, v112-v120.	0.7	16
4	Measures of spatiotemporal organization differentiate persistent from long-standing atrial fibrillation. <i>Europace</i> , 2012, 14, 1125-1131.	0.7	27
5	Analysis of electrocardiograms during atrial fibrillation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 79-88.	1.1	153
6	Evaluation of Ablation Patterns Using a Biophysical Model of Atrial Fibrillation. <i>Annals of Biomedical Engineering</i> , 2005, 33, 465-474.	1.3	45
7	A numerical scheme for modeling wavefront propagation on a monolayer of arbitrary geometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2003, 50, 412-420.	2.5	48
8	Study of atrial arrhythmias in a computer model based on magnetic resonance images of human atria. <i>Chaos</i> , 2002, 12, 754-763.	1.0	111
9	A computer model of human atria with reasonable computation load and realistic anatomical properties. <i>IEEE Transactions on Biomedical Engineering</i> , 2001, 48, 1229-1237.	2.5	36
10	Observer of autonomic cardiac outflow based on blind source separation of ECG parameters. <i>IEEE Transactions on Biomedical Engineering</i> , 2000, 47, 578-582.	2.5	27
11	Analysis of stochastic gradient tracking of time-varying polynomial Wiener systems. <i>IEEE Transactions on Signal Processing</i> , 2000, 48, 1676-1686.	3.2	19
12	Fluctuation analysis of stochastic gradient identification of polynomial Wiener systems. <i>IEEE Transactions on Signal Processing</i> , 2000, 48, 1820-1825.	3.2	11
13	Observer of the human cardiac sympathetic nerve activity using noncausal blind source separation. <i>IEEE Transactions on Biomedical Engineering</i> , 1999, 46, 322-330.	2.5	20
14	Stochastic analysis of gradient adaptive identification of nonlinear systems with memory for Gaussian data and noisy input and output measurements. <i>IEEE Transactions on Signal Processing</i> , 1999, 47, 675-689.	3.2	48