

James D Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

397
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetoencephalographic recordings of visual evoked brain activity in the human fetus. <i>Lancet, The</i> , 2002, 360, 779-780.	13.7	86
2	Fetal MEG Redistribution by Projection Operators. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1207-1218.	4.2	75
3	Short-term serial magnetoencephalography recordings of fetal auditory evoked responses. <i>Neuroscience Letters</i> , 2002, 331, 128-132.	2.1	70
4	Integrated Approach for Fetal QRS Detection. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 2190-2197.	4.2	43
5	Noninvasive antepartum recording of fetal S-T segment with a newly developed 151-channel magnetic sensor system. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 188, 1491-1497.	1.3	41
6	Adaptive rule based fetal QRS complex detection using hilbert transform. , 2009, 2009, 4666-9.		40
7	Detection of Discontinuous Patterns in Spontaneous Brain Activity of Neonates and Fetuses. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 2725-2729.	4.2	12
8	Tracking Fetal Movement Through Source Localization From Multisensor Magnetocardiographic Recordings. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 758-765.	6.3	9
9	Phase plane based identification of fetal heart rate patterns. , 2011, 2011, 1455-8.		6
10	Separation of Physiological Signals Using Minimum Norm Projection Operators. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 904-916.	4.2	6
11	Localization of spontaneous magnetoencephalographic activity of neonates and fetuses using independent component and Hilbert phase analysis. , 2010, 2010, 1344-7.		4
12	The effect of applying orthogonal projection technique in short window segments to obtain fetal magnetocardiogram. , 2013, 2013, 421-4.		2
13	Comparing the performance of a new disposable pneumatic tocodynamometer with a standard tocodynamometer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 319-328.	2.8	2
14	Verification of fetal evoked response by magnetic dipole fitting. <i>Neuroscience Letters</i> , 2021, 750, 135791.	2.1	1
15	Generation of References by Minimum Norm Projection Operators for Frequency Dependent Subtraction Method in Fetal Biological Signals. , 2019, , .		0
16	An enhanced frequency dependent subtraction algorithm for removal of cardiac interference from fMEG by using minimum norm projection operator. <i>Journal of Neuroscience Methods</i> , 2020, 336, 108620.	2.5	0