

Antoine Souloumiac

List of Publications by Year in descending order

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8
papers

1,200
citations

1683354

5
h-index

1872312

6
g-index

8
all docs

8
docs citations

8
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Jacobi Angles for Simultaneous Diagonalization. SIAM Journal on Matrix Analysis and Applications, 1996, 17, 161-164.	0.7	671
2	xDAWN Algorithm to Enhance Evoked Potentials: Application to Brain-Computer Interface. IEEE Transactions on Biomedical Engineering, 2009, 56, 2035-2043.	2.5	386
3	Nonorthogonal Joint Diagonalization by Combining Givens and Hyperbolic Rotations. IEEE Transactions on Signal Processing, 2009, 57, 2222-2231.	3.2	86
4	Optimal linear spatial filters for event-related potentials based on a spatio-temporal model: Asymptotical performance analysis. Signal Processing, 2013, 93, 387-398.	2.1	31
5	Joint diagonalization: Is non-orthogonal always preferable to orthogonal?. , 2009, , .		11
6	Subspace estimation approach to P300 detection and application to Brain-Computer Interface. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5071-4.	0.5	9
7	Single trial variability in brain-computer interfaces based on motor imagery: Learning in the presence of labeling noise. International Journal of Imaging Systems and Technology, 2011, 21, 148-157.	2.7	3
8	Improved estimation of EEG evoked potentials by jitter compensation and enhancing spatial filters. , 2013, , .		3