

FABIANA ZAMA

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

412
citations

11
h-index

19
g-index

43
ext. papers

504
ext. citations

3.1
avg. IF

4.08
L-index

#	Paper	IF	Citations
39	Switched forced SEIRDV compartmental models to monitor COVID-19 spread and immunization in Italy. <i>Infectious Disease Modelling</i> , 2022 , 7, 1-15	15.7	1
38	Changes in Physicochemical Properties of Biochar after Addition to Soil. <i>Agriculture (Switzerland)</i> , 2022 , 12, 320	3	0
37	2DNMR data inversion using locally adapted multi-penalty regularization. <i>Computational Geosciences</i> , 2021 , 25, 1215-1228	2.7	0
36	Super-Resolution of Thermal Images Using an Automatic Total Variation Based Method. <i>Remote Sensing</i> , 2020 , 12, 1642	5	5
35	Monitoring Italian COVID-19 spread by a forced SEIRD model. <i>PLoS ONE</i> , 2020 , 15, e0237417	3.7	46
34	A nonconvex penalization algorithm with automatic choice of the regularization parameter in sparse imaging. <i>Inverse Problems</i> , 2019 , 35, 084002	2.3	6
33	Chloroform aerobic cometabolic biodegradation in a continuous-flow reactor: Model calibration by means of the gauss-newton method. <i>Canadian Journal of Chemical Engineering</i> , 2019 , 97, 1771-1784	2.3	3
32	A fast splitting method for efficient Split Bregman iterations. <i>Applied Mathematics and Computation</i> , 2019 , 357, 139-146	2.7	4
31	Open2DTool: A Uniform PENalty Matlab tool for inversion of 2D NMR relaxation data. <i>SoftwareX</i> , 2019 , 10, 100302	2.7	3
30	I2DUPEN: Improved 2DUPEN algorithm for inversion of two-dimensional NMR data. <i>Microporous and Mesoporous Materials</i> , 2018 , 269, 195-198	5.3	7
29	Filtering techniques for efficient inversion of two-dimensional Nuclear Magnetic Resonance data. <i>Journal of Physics: Conference Series</i> , 2017 , 904, 012005	0.3	4
28	A fast subgradient algorithm in image super-resolution. <i>Journal of Physics: Conference Series</i> , 2017 , 904, 012009	0.3	1
27	Iterative Constrained Minimization for Vectorial TV Image Deblurring. <i>Journal of Mathematical Imaging and Vision</i> , 2016 , 54, 240-255	1.6	2
26	Olive mill wastewater valorisation through phenolic compounds adsorption in a continuous flow column. <i>Chemical Engineering Journal</i> , 2016 , 283, 293-303	14.7	65
25	Parameter Estimation Algorithms for Kinetic Modeling from Noisy Data. <i>IFIP Advances in Information and Communication Technology</i> , 2016 , 517-527	0.5	4
24	Efficient Compressed Sensing Based MRI Reconstruction using Nonconvex Total Variation Penalties. <i>Journal of Physics: Conference Series</i> , 2016 , 756, 012004	0.3	0
23	Uniform Penalty inversion of two-dimensional NMR relaxation data. <i>Inverse Problems</i> , 2016 , 33, 015003	2.3	21

22	Comparison of different filtering strategies to reduce noise in strain measurement with digital image correlation. <i>Journal of Strain Analysis for Engineering Design</i> , 2016 , 51, 416-430	1.3	19
21	Volatile fatty acids recovery from the effluent of an acidogenic digestion process fed with grape pomace by adsorption on ion exchange resins. <i>Chemical Engineering Journal</i> , 2016 , 306, 629-639	14.7	55
20	An iterative algorithm for L1-TV constrained regularization in image restoration. <i>Journal of Physics: Conference Series</i> , 2015 , 657, 012009	0.3	1
19	Parameter Identification by Iterative Constrained Regularization. <i>Journal of Physics: Conference Series</i> , 2015 , 657, 012002	0.3	1
18	An automatic regularization parameter selection algorithm in the total variation model for image deblurring. <i>Numerical Algorithms</i> , 2014 , 67, 73-92	2.1	19
17	Numerical Parameters Estimation in Models of Pollutant Transport with Chemical Reaction. <i>International Federation for Information Processing</i> , 2013 , 547-556		6
16	An iterative algorithm for large size least-squares constrained regularization problems. <i>Applied Mathematics and Computation</i> , 2011 , 217, 10343-10354	2.7	4
15	A Total Variation-Based Reconstruction Method for Dynamic MRI. <i>Computational and Mathematical Methods in Medicine</i> , 2008 , 9, 69-80	2.8	6
14	An iterative method for linear discrete ill-posed problems with box constraints. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 198, 505-520	2.4	13
13	Iterative methods for ill-posed problems and semiconvergent sequences. <i>Journal of Computational and Applied Mathematics</i> , 2006 , 193, 157-167	2.4	22
12	The active-set method for nonnegative regularization of linear ill-posed problems. <i>Applied Mathematics and Computation</i> , 2006 , 175, 715-729	2.7	18
11	A B-spline parametric model for high resolution dynamic magnetic resonance imaging. <i>Applied Mathematics and Computation</i> , 2005 , 164, 133-148	2.7	2
10	A descent method for regularization of ill-posed problems. <i>Optimization Methods and Software</i> , 2005 , 20, 615-625	1.3	3
9	An experiment of parallel SPECT data reconstruction. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2003 , 18, 107-119		
8	A Parallel Software for the Reconstruction of Dynamic MRI Sequences. <i>Lecture Notes in Computer Science</i> , 2003 , 511-519	0.9	1
7	Regularization methods in dynamic MRI. <i>Applied Mathematics and Computation</i> , 2002 , 132, 325-339	2.7	6
6	Parallel Image Restoration with Domain Decomposition. <i>Real Time Imaging</i> , 2001 , 7, 47-57		1
5	The conjugate gradient regularization method in Computed Tomography problems. <i>Applied Mathematics and Computation</i> , 1999 , 102, 87-99	2.7	27

4	A domain decomposition technique for spline image restoration on distributed memory systems. <i>Parallel Computing</i> , 1996 , 22, 101-110	1	4
3	A method for solving the indirect approximation problem. <i>Applied Mathematics and Computation</i> , 1996 , 77, 97-107	2.7	0
2	AN EXPERIMENT IN IMAGE RESTORATION USING TRANSPUTER NETWORKS. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 1995 , 5, 283-292		
1	Monitoring Italian COVID-19 spread by an adaptive SEIRD model		31