Sandra R MartÃ-nez

List of Publications by Year
in descending order

21 papers	259 citations	933447 10 h-index	940533 16 g-index
21 all docs	21 docs citations	21 times ranked	153 citing authors

#	Article	IF	Citations
1	A minimum problem with free boundary in Orlicz spaces. Advances in Mathematics, 2008, 218, 1914-1971.	1.1	70
2	Isolation and simplicity for the first eigenvalue of thep-Laplacian with a nonlinear boundary condition. Abstract and Applied Analysis, 2002, 7, 287-293.	0.7	53
3	Finite Element Approximation for the Fractional Eigenvalue Problem. Journal of Scientific Computing, 2018, 77, 308-329.	2.3	18
4	Superresolution method for a single wideâ€field image deconvolution by superposition of point sources. Journal of Microscopy, 2019, 275, 51-65.	1.8	15
5	Existence results for Gradient elliptic systems with nonlinear boundary conditions. Nonlinear Differential Equations and Applications, 2007, 14, 153-179.	0.8	14
6	The behavior of the best Sobolev trace constant and extremals in thin domains. Journal of Differential Equations, 2004, 198, 129-148.	2.2	13
7	An optimization problem with volume constraint for a degenerate quasilinear operator. Journal of Differential Equations, 2006, 227, 80-101.	2.2	13
8	A Singular Perturbation Problem for a Quasi-Linear Operator Satisfying the Natural Growth Condition of Lieberman. SIAM Journal on Mathematical Analysis, 2009, 41, 318-359.	1.9	12
9	A free boundary problem for the -Laplacian. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 1078-1103.	1.1	10
10	Interior Penalty Discontinuous Galerkin FEM for the $p(x)$-Laplacian. SIAM Journal on Numerical Analysis, 2012, 50, 2497-2521.	2.3	10
11	Order of convergence of the finite element method for thep(x)-Laplacian. IMA Journal of Numerical Analysis, 2015, 35, 1864-1887.	2.9	8
12	An optimization problem with volume constraint in Orlicz spaces. Journal of Mathematical Analysis and Applications, 2008, 340, 1407-1421.	1.0	5
13	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math> regularity for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>p</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>x</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 247 Td (stretchy="false")	1.0	5
14	Super-resolved edge detection in optical microscopy images by superposition of virtual point sources. Optics Express, 2020, 28, 25319.	3.4	5
15	On the FuÃik spectrum and a resonance problem for the -Laplacian with a nonlinear boundary condition. Nonlinear Analysis: Theory, Methods & Applications, 2004, 59, 813-848.	1.1	3
16	Single image deconvolution with super-resolution using the SUPPOSe algorithm. , 2019, , .		2
17	A new objective function for super-resolution deconvolution of microscopy images by means of a genetic algorithm. , 2020, , .		2
18	Combining deep learning with SUPPOSe and compressed sensing for SNR-enhanced localization of overlapping emitters. Applied Optics, 2022, 61, D39.	1.8	1

#	Article	IF	Citations
19	Progress in Super-Resolution from a Single Fluorescent Image Using the SUPPOSe Algorithm. Microscopy and Microanalysis, 2020, 26, 139-140.	0.4	0
20	SUPPOSe Deconvolution + AI Denoising: Super-resolving Sparse Signals Blurred and Buried in Noise. , 2021, , .		0
21	Super-Resolution Microscopy from Standard Images. Optics and Photonics News, 2020, 31, 58.	0.5	0