Sandra R MartÃ-nez

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Combining deep learning with SUPPOSe and compressed sensing for SNR-enhanced localization of overlapping emitters. Applied Optics, 2022, 61, D39.	1.8	1
2	SUPPOSe Deconvolution + AI Denoising: Super-resolving Sparse Signals Blurred and Buried in Noise. , 2021, , .		0
3	Progress in Super-Resolution from a Single Fluorescent Image Using the SUPPOSe Algorithm. Microscopy and Microanalysis, 2020, 26, 139-140.	0.4	0
4	Super-resolved edge detection in optical microscopy images by superposition of virtual point sources. Optics Express, 2020, 28, 25319.	3.4	5
5	Super-Resolution Microscopy from Standard Images. Optics and Photonics News, 2020, 31, 58.	0.5	0
6	A new objective function for super-resolution deconvolution of microscopy images by means of a genetic algorithm. , 2020, , .		2
7	Superresolution method for a single wide‐field image deconvolution by superposition of point sources. Journal of Microscopy, 2019, 275, 51-65.	1.8	15
8	Single image deconvolution with super-resolution using the SUPPOSe algorithm. , 2019, , .		2
9	Finite Element Approximation for the Fractional Eigenvalue Problem. Journal of Scientific Computing, 2018, 77, 308-329.	2.3	18
10	Order of convergence of the finite element method for the $p(x)$-Laplacian. IMA Journal of Numerical Analysis, 2015, 35, 1864-1887.	2.9	8
11	regularity for the $p(x)$-Laplacian.	1.0	5
12	Interior Penalty Discontinuous Galerkin FEM for the $p(x)$-Laplacian. SIAM Journal on Numerical Analysis, 2012, 50, 2497-2521.	2.3	10
13	A free boundary problem for the -Laplacian. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 1078-1103.	1.1	10
14	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
15	An optimization problem with volume constraint in Orlicz spaces. Journal of Mathematical Analysis and Applications, 2008, 340, 1407-1421.	1.0	5
16	A minimum problem with free boundary in Orlicz spaces. Advances in Mathematics, 2008, 218, 1914-1971.	1.1	70
17	Existence results for Gradient elliptic systems with nonlinear boundary conditions. Nonlinear Differential Equations and Applications, 2007, 14, 153-179.	0.8	14
18	An optimization problem with volume constraint for a degenerate quasilinear operator. Journal of Differential Equations, 2006, 227, 80-101.	2.2	13

#	Article	IF	Citations
19	The behavior of the best Sobolev trace constant and extremals in thin domains. Journal of Differential Equations, 2004, 198, 129-148.	2.2	13
20	On the FuÄik 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
21	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