Andrea Carlo Giuseppe Mennucci

List of Publications by Year
in descending order

26 papers	798 citations	758635 12 h-index	610482 24 g-index
28 all docs	28 docs citations	28 times ranked	596 citing authors

#	ARTICLE	IF	CITATIONS
1	Neighborhoods and Manifolds of Immersed Curves. International Journal of Mathematics and Mathematical Sciences, 2021, 2021, 1-22.	0.3	0
2	On Perimeters and Volumes of Fattened Sets. International Journal of Mathematics and Mathematical Sciences, 2019, 2019, 1-12.	0.3	1
3	Designing metrics; the delta metric for curves. ESAIM - Control, Optimisation and Calculus of Variations, 2019, 25, 59.	0.7	1
4	Probability measures on infinite-dimensional Stiefel manifolds. Journal of Geometric Mechanics, 2017, 9, 291-316.	0.5	1
5	Pregnant Women's Preferences for Men's Faces Differ Significantly from Nonpregnant Women. Journal of Sexual Medicine, 2015, 12, 1142-1151.	0.3	13
6	Banach-Like Distances and Metric Spaces of Compact Sets. SIAM Journal on Imaging Sciences, 2015, 8, 19-66.	1.3	3
7	Gender Identity Rather Than Sexual Orientation Impacts on Facial Preferences. Journal of Sexual Medicine, 2014, 11, 2500-2507.	0.3	18
8	Geodesics in Asymmetric Metric Spaces. Analysis and Geometry in Metric Spaces, 2014, 2, .	0.2	5
9	On Asymmetric Distances. Analysis and Geometry in Metric Spaces, 2013, 1, 200-231.	0.2	25
10	Metrics of Curves in Shape Optimization and Analysis. Lecture Notes in Mathematics, 2013, , 205-319.	0.1	2
11	Geodesics in infinite dimensional Stiefel and Grassmann manifolds. Comptes Rendus Mathematique, 2012, 350, 773-776.	0.1	9
12	Multiple Object Tracking via Prediction and Filtering with a Sobolev-Type Metric on Curves. Lecture Notes in Computer Science, 2012, , 143-152.	1.0	0
13	A New Geometric Metric in the Space of Curves, and Applications to Tracking Deforming Objects by Prediction and Filtering. SIAM Journal on Imaging Sciences, 2011, 4, 109-145.	1.3	65
14	Regularity and Variationality of Solutions to Hamilton—Jacobi Equations. Part II: Variationality, Existence, Uniqueness. Applied Mathematics and Optimization, 2011, 63, 191-216.	0.8	5
15	Tracking deforming objects by filtering and prediction in the space of curves. , 2009, , .		12
16	New Possibilities with Sobolev Active Contours. International Journal of Computer Vision, 2009, 84, 113-129.	10.9	41
17	Coarse-to-Fine Segmentation and Tracking Using Sobolev Active Contours. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 851-864.	9.7	66
18	Neurophysiological correlates for the perception of facial sexual dimorphism. Brain Research Bulletin, 2007, 71, 515-522.	1.4	9

#	Article	IF	Citations
19	Regularity and variationality of solutions to Hamilton-Jacobi equations. Part I: Regularity (errata). ESAIM - Control, Optimisation and Calculus of Variations, 2007, 13, 413-417.	0.7	1
20	Sobolev Active Contours. International Journal of Computer Vision, 2007, 73, 345-366.	10.9	139
21	Shape analysis of female facial attractiveness. Vision Research, 2006, 46, 1282-1291.	0.7	95
22	Regularity and variationality of solutions to Hamilton-Jacobi equations. Part I: Regularity. ESAIM - Control, Optimisation and Calculus of Variations, 2004, 10, 426-451.	0.7	11
23	Observing Shape from Defocused Images. International Journal of Computer Vision, 2003, 52, 25-43.	10.9	69
24	Hamilton–Jacobi Equations and Distance Functions on Riemannian Manifolds. Applied Mathematics and Optimization, 2002, 47, 1-25.	0.8	137
25	Regularity Results for Solutions of a Class of Hamilton-Jacobi Equations. Archive for Rational Mechanics and Analysis, 1997, 140, 197-223.	1.1	39
26	On observing shape from defocused images. , 0, , .		15