

AGILE scientific papers I: published and accepted papers in refereed journals

		First Author	Journal	Vol.	Pag.	Year	Subm. date	Accept. date	arXiv [astro-ph]	
63	AGILE detection of extreme gamma-ray activity from the blazar PKS 1510-089 during March 2009. Multifrequency analysis	F.D'Ammando	A&A	forthcoming			11/11/10	15/03/11	arXiv:1103.3647v1	
62	Gamma-ray blazars: the view from AGILE	F.D'Ammando	Advances in Space Research	forthcoming			23/11/10	20/02/11	arXiv:1102.4428v1	
61	Preliminary results on TeV sources search with AGILE	A.Rappoldi	NIM A	630	202	2011				Published online on July 8, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.065
60	The flaring blazars of the first 1.5 years of the AGILE Mission	L.Pacciani	NIM A	630	198	2011				Published online on July 8, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.063
59	Discovery of powerful gamma-ray flares from the Crab Nebula	M.Tavani	Science	331	736	2011	20/10/10	13/12/10	arXiv:1101.2311v1	Published online on January 6, 2011 available at http://www.sciencemag.org/content/early/recent
58	First results about on-ground calibration of the silicon tracker for the AGILE satellite	P.W. Cattaneo	NIM A	630	251	2011				Published online on July 8, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.078
57	Terrestrial Gamma-Ray Flashes as powerful particle accelerators	M.Tavani	Phys. Rev. Lett.	106	018501	2011	16/09/10	01/11/10		available online at http://physics.aps.org/pdf/10.1103/PhysRevLett.106.018501.pdf
56	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes	M.Marisaldi	Phys. Rev. Lett.	105	128501	2010	24/06/10	17/08/10	arXiv:1009.5544v1	available online at http://link.aps.org/doi/10.1103/PhysRevLett.105.128501
55	Study of the gamma-ray source 1AGL J2022+4032 in the Cygnus Region	A.Chen	A&A	525	A33	2011	24/06/10	20/09/10	arXiv:1009.5539v1	
54	AGILE observations of the "soft" gamma-ray pulsar PSR B1509-58	M.Pilia	ApJ	723	707	2010	30/03/10	24/08/10	arXiv:1009.0021v1	
53	AGILE detection of intense gamma-ray activity from the blazar PKS 0537-441 in October 2008	G.Pucella	A&A	522	A109	2010	07/05/10	26/07/10		
52	The AGILE Mission: the first 2 years	M.Tavani	NIM A	630	7	2011	11/12/09	21/07/10		Published online on July 3, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.017
51	A year-long AGILE observation of Cyg X-1 in hard spectral state	E.Del Monte	A&A	520	A67	2010	11/08/09	30/03/10	arXiv:1004.0849v1	
50	AGILE detection of GeV gamma-ray emission from the SNR W28	A.Giuliani	A&A	516	L11	2010	05/02/10	05/05/10	arXiv:1005.0784v1	
49	The Extraordinary Gamma-Ray Flare of the Blazar 3C 454.3	E.Striani	ApJ Part 1	718	455	2010	01/02/10	24/05/10	arXiv:1005.4891v1	
48	The 2009 December gamma-ray flares of 3C 454.3: the multifrequency campaign	L.Pacciani	ApJ Letters	716	170	2010	15/04/10	17/05/10	arXiv:1005.3263v1	
47	Episodic Transient Gamma-Ray Emission from the Microquasar Cygnus X-1	S.Sabatini	ApJ Letters	712	L10	2010	30/11/09	09/02/10	arXiv:1002.4967v1	
46	Multiwavelength observations of 3C 454.3. III Eighteen months of AGILE monitoring of the "Crazy Diamond"	S.Vercellone	ApJ	712	405	2010	14/10/09	02/02/10	arXiv:1002.1020v1	
45	Direct Evidence for Hadronic Cosmic-Ray Acceleration in the Supernova Remnant IC 443	M.Tavani	ApJ Letters	710	L151	2010	19/08/09	21/01/10	arXiv:1001.5150v1	
44	The AGILE Silicon Tracker: pre-launch and in-flight configuration	A.Bulgarelli	NIM A	614	213	2010	21/08/09	17/12/09		Published online on January 4, 2010 available at http://dx.doi.org/10.1016/j.nima.2009.12.051

43	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE	A.Pellizzoni	Science	327	663	2010	26/10/09	15/12/09	arXiv:0912.2921v2	Published online on December 31, 2009 available at http://www.sciencemag.org/sciencepress/ DOI:10.1126/science.1183844
42	Temporal properties of GX 301-2 over a year-long observation with SuperAGILE	Y.Evangelista	ApJ	708	1663	2010	23/10/09	18/11/09	arXiv:0911.3743v2	
41	Power for dry BL Lacertae objects	A.Paggi	A&A	508	L31	2009	28/10/09	16/11/09	arXiv:0911.3172v3	
40	Galactic Sources Science With Agile: The Case Of The Carina Region	S.Sabatini	NIM A	630	193	2011	03/09/09			Published online on June 25, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.062
39	Multiwavelength observations of 3C 454.3. II The AGILE 2007 December campaign	I.Donnarumma	ApJ	707	1115	2009	23/06/09	23/10/09	arXiv:0910.4883	available online at http://stacks.iop.org/0004-637X/707/1115
38	Multiwavelength observations of a TeV-flare from W Comae	V.A.Acciari	ApJ	707	612	2009	10/08/09	22/10/09		
37	The observation of Gamma Ray Bursts and Terrestrial Gamma-ray Flashes with AGILE	E.Del Monte	NIM A	630	155	2011	27/07/09			Published online on June 11, 2010 available at http://dx.doi.org/10.1016/j.nima.2010.06.050
36	Monitoring the hard X-ray sky with SuperAGILE	M.Feroci	A&A	510	A9	2010	23/07/09	21/10/09	arXiv:0910.4895v1	
35	Powerful high energy emission of the remarkable BL Lac object S5 0716+714	V.Vittorini	ApJ Letters	706	1433	2009	29/07/09	13/10/09	arXiv:0912.2216v1	
34	Extreme particle acceleration in the microquasar Cygnus X-3	M.Tavani	Nature	462 Number 7273	620	2009	07/08/09	08/10/09	arXiv:0910.5344v1	Published online on November 22, 2009
33	AGILE detection of a rapid gamma-ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring	F.D'Ammando	A&A	508	181	2009	25/05/09	15/09/09	arXiv:0909.3484v1	
32	Detection of the terrestrial gamma-ray flashes up to 40 MeV by the AGILE satellite	M.Marisaldi	JGR	115	A00E13	2010	30/05/09	11/09/09		
31	AGILE Detection of Delayed Gamma-Ray Emission from the Short Gamma-Ray Burst GRB 090510	A.Giuliani	ApJ Letters	708	L84	2010	13/08/09	11/09/09	arXiv:0908.1908v1	
30	SSC radiation in BL Lac sources, the end of the tether	A.Paggi	A&A	504	821	2009	16/07/09	12/07/09	arXiv:0907.2863v1	
29	First AGILE Catalog of High Confidence Gamma-Ray Sources	C. Pittori	A&A	506	1563	2009	17/02/09	30/07/09	arXiv:0902.2959	
28	The Agile space mission	M. Tavani	Il Nuovo Saggiatore	25	41	2009		13/07/09		available at http://www.sif.it/SIF/it/portal/attivita/aggiatore/econtents
27	Detection of Gamma-Ray Emission from the Eta-Carinae Region	M. Tavani	ApJLetters	698	L142	2009		16/03/09	arXiv:0904.2736v2	
26	Discovery of New Gamma-Ray Pulsars with AGILE	A. Pellizzoni	ApJLetters	695	115	2009		27/02/09	arXiv:0902.2959v2	
25	MAGIC upper limits to the VHE gamma-ray flux of 3C 454.3	H. Anderhub	A&A	498	83	2009		06/02/09	arXiv:0811.1680v1	
24	The June 2008 flare of Markarian 421 from optical to TeV energies	I.Donnarumma	ApJ	691	L13	2009		04/12/08	arXiv:0812.1500v1	
23	The AGILE Mission	M. Tavani	A&A	502	995	2009		27/11/08	arXiv:0807.4254	
22	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007 - January 2008	L.Pacciani	A&A	494	49	2009		26/10/08	arXiv:0811.0593	
21	AGILE observation of a gamma-ray flare from the blazar 3C 279	A.Giuliani	A&A	494	509	2009		10/10/08	arXiv:0810.2189	
20	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089	G.Pucella	A&A	491	L21	2008		05/10/08	arXiv:0810.1676	

19	High-Resolution Timing Observations of Spin-Powered Pulsars with the AGILE gamma-ray telescope	A.Pellizzoni	ApJ	691	1618	2009		5/10/08	arXiv:0810.1516	
18	Discovery of High-Energy Gamma-Ray Pulsations from PSR J2021+3651 with AGILE	J.P.Halpern	ApJ Letters	688	L33	2008		30/09/08	arXiv:0810.0008	
17	The two INTEGRAL X-ray transients IGR J17091-3624 and IGR J17098-3628:a multiwavelength long-term campaign	F.Capitanio	ApJ	690	1621	2008		12/09/08	arXiv:0809.2180	
16	Multiwavelength observations of 3C 454.3. I. The AGILE 2007 November campaign on the "Crazy Diamond"	S.Vercellone	ApJ	690	1018	2009		09/09/08	arXiv:0809.1737	
15	AGILE detection of delayed gamma-ray emission from GRB 080514B	A.Giuliani	A&A	491	L25	2008		08/09/08	arXiv:0809.1230	
14	Design and construction of the Mini-Calorimeter of the AGILE satellite	C.Labanti	NIM A	598	470	2009		04/09/08	arXiv:0810.1842	
13	AGILE detection of variable gamma-ray activity from the blazar S5 0716+714 in September-October 2007	A.Chen	A&A	489	L37	2008		18/08/08	arXiv:0808.4053	
12	Gamma-ray burst detection with the AGILE mini-calorimeter	M.Marisaldi	A&A	490	1151	2008		13/08/08	arXiv:0809.3917	
11	Long-term AGILE monitoring of the puzzling gamma-ray source 3EG J1835+5918	A.Bulgarelli	A&A	489	L17	2008		13/08/08	arXiv:0808.3464	
10	Search of GRB with AGILE Minicalorimeter	F. Fuschino	NIM A	588	17	2008		01/04/08		
9	The AGILE space mission	M.Tavani	NIM A	588	52	2008		26/07/08	arXiv:0807.4254v1	
8	AGILE and Swift simultaneous observations of the blazar S50716+714 during the bright flare of October 2007	P.Giommi	A&A	487	L49	2008		11/06/08	arXiv:0806.1855	
7	Imaging X-ray sources at a finite distance in coded-mask instruments	I.Donnarumma	Ap Opt	47	3513	2008		23/05/08	arXiv:0807.0518v1	
6	The high activity of 3C 454.3 in autumn 2007. Monitoring by the WEBT during the AGILE detection	C.M.Raiteri	A&A	485	L17	2008		09/05/08	arXiv:0805.1983v1	
5	Threshold equalization algorithm for the XAA1.2 ASICs and its application to SuperAGILE X-ray imager	L.Pacciani	NIM A	593	Issue 3	2008		02/05/08		
4	Multifrequency monitoring of the blazar 0716+714 during the GASP-WEBT-AGILE campaign of 2007	M.Villata	A&A	481	L79	2008		15/02/08	arXiv:0802.3012v2	
3	AGILE detection of a strong gamma-ray flare from the blazar 3C 454.3	S.Vercellone	ApJ Letters	676	L13	2008		08/02/08	arXiv:0802.1709	
2	GRB 070724B: the first Gamma Ray Burst localized by SuperAGILE and its Swift X-ray afterglow	E.Del Monte	A&A	478	L5	2008		04/12/07	arXiv:0712.0500v1	
1	SuperAGILE: the hard X-ray imager for the AGILE space mission	M.Feroci	NIM A	581	728	2007		30/07/07	arXiv:0708.0123	

AGILE scientific papers II: Conference Proceedings papers

		First Author	Journal	Vol.	Pag.	Year	Subm. date	Accept. date	arXiv [astro-ph]	
39	Multifrequency studies of the blazars detected by AGILE	I.Donnarumma	POS				31/01/11			Proceedings of the 8th INTEGRAL Workshop September 27-30, 2010 Dublin, Ireland
38	A variability study of the AGILE first catalog of gamma-ray source on 2.3 years of AGILE pointed observations	F.Verrecchia	Elsevier				21/01/11			Proceedings of the 38th COSPAR Meeting, July 18-25, 2010, Bremen
37	Variable and Transient Galactic Gamma-ray Sources with AGILE	F.Longo	Nuovo Cimento C				23/12/10			Proceedings of SCINEGHE 2010, Sept. 8-10. 2010, Trieste
36	AGILE observation of Terrestrial Gamma-ray Flashes	M.Marisaldi	Nuovo Cimento C				03/12/10			Proceedings of SCINEGHE 2010, Sept. 8-10. 2010, Trieste
35	Gamma-ray blazars: the view from AGILE	F.D'Ammando	Elsevier							Proceedings of the 38th COSPAR Meeting, July 18-25, 2010, Bremen
34	AGILE GRBs: detections and upper limits	E.Moretti	Proceedings of the 7th AGILE Workshop				15/10/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
33	The AGILE Multi-wavelength Program	S.Vercellone	Proceedings of the 7th AGILE Workshop				15/09/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
32	Concluding Remarks	G.Barbiellini	Proceedings of the 7th AGILE Workshop				12/05/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
31	The GeV-TeV connection: Mrk 421, W Comae and PG 1553+113	I.Donnarumma	Proceedings of the 7th AGILE Workshop				05/03/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
30	The AGILE Science Alert System (ASAS)	M.Trifoglio	Proceedings of the 7th AGILE Workshop				15/02/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
29	Observations of Gamma-Ray Pulsars with AGILE	A.Pellizzoni	Proceedings of the 7th AGILE Workshop				29/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
28	Power from Dry BL Lacs	A.Paggi	Proceedings of the 7th AGILE Workshop				24/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
27	AGILE and Terrestrial Gamma-Ray Flashes	M.Marisaldi	Proceedings of the 7th AGILE Workshop				25/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
26	The remarkable short GRB 090510	F.Fuschino	Proceedings of the 7th AGILE Workshop				25/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
25	Colliding Wind Binaries with AGILE: the Case of the Carina Region	S.Sabatini	Proceedings of the 7th AGILE Workshop				15/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
24	Multiwavelength observations of the powerful gamma-ray blazar PKS 1510-089	F.D'Ammando	Proceedings of the 7th AGILE Workshop				15/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
23	High power from the remarkable BL Lac S5 0716+714	V.Vittorini	Proceedings of the 7th AGILE Workshop				14/01/10			Proceedings of the 7th AGILE Workshop, Sept 29-Oct 1, 2009, Esrin, Frascati, Rome
22	The AGILE Mission: the first 2 years	M.Tavani	POS				15/02/10			Proceedings of Integral Workshop "The Extreme Sky: Sampling the Universe above 10 KeV" October 13-17, 2009 Otranto, Italy

21	Gamma-Ray Astrophysics and Terrestrial Physics with the AGILE Mission	M.Tavani	Proceedings of ICRC 2009				09/12/09		Proceedings of 31st ICRC July 7-15, 2009 Lodz, Poland
20	Multiwavelength campaigns on the flaring gamma-ray blazars detected by AGILE	L.Pacciani	AIP Conf. Ser.				02/12/09		Proceedings of X-Ray Astronomy 2009, September 7-11, 2009 Bologna Italy
19	Not only once: the amazing gamma-ray activity of the blazar PKS 1510-089	F.D'Ammando	ASP Conf. Series				06/10/09	arXiv:0910.0966v1	Proceedings of "Accretion and ejection in AGN: a global view" June 22-26, 2009 Como Italy
18	Gamma-ray galactic diffuse emission and SNR studies by AGILE	A.Giuliani	Proceedings of ICRC 2009						Proceedings of 31st ICRC July 7-15, 2009 Lodz Poland
17	Agile detection of three extragalactic sources in Dec 2007- Jan 2008	L.Pacciani	ASP Conf. Series						Proceedings of "Accretion and ejection in AGN: a global view" June 22-26, 2009 Como Italy
16	Long-term gamma-ray and multiwavelength observation of 3C 454.3	S.Vercellone	ASP Conf. Series				28/10/09	arXiv:0910.5325v1	Proceedings of "Accretion and ejection in AGN: a global view" June 22-26, 2009 Como Italy
15	Multiwavelength behavior of blazars in the Agile era	S.Vercellone	Mem. S. A. It.				28/10/09	arXiv:0910.5328v1	Proceedings of Frascati Workshop 2009 "Multifrequency behaviour of high energy cosmic sources" May 25-30, 2009 Vulcano, Italy
14	Simultaneous multi-frequency observations of PG 1553+113	E.Pian	Proceedings of ICRC 2009				04/07/09	arXiv:0907.0740v2	Proceedings of 31st ICRC 2009 July 7-15, 2009 Lodz, Poland
13	AGILE and blazar studies	M.Marisaldi	Proceedings of ICRC 2009				08/06/09	arXiv:0906.1451v1	Proceedings of 31st ICRC 2009 July 7-15, 2009 Lodz, Poland
12	Blazars: the gamma-ray view of AGILE	F.D'Ammando	Proceedings of the 44th Rencontres de Moriond				03/05/09	arXiv:0905.0253v1	Proceedings of the 44th Rencontres de Moriond February 1-8, 2009 La Thuile, Italy
11	The Mini-Calorimeter on-board AGILE: the first year in space	M.Marisaldi	J. Phys. Conf. Ser.	160	012040	2009			Proceedings of CALOR 2008 May 26-30, 2008 Pavia
10	Observations of Spin-Powered Pulsars with the AGILE gamma-ray telescope	A.Pellizzoni	AIP Conf. Ser.	1085	207	2008		24/12/08	Proceedings of the 4th International Meeting on High Energy Gamma-Ray Astronomy July 7-11, 2008 Heidelberg, Germany
9	Joint INTEGRAL and AGILE observations of FSRQs	I.Donnarumma	POS		60	2008		11/09/08	Proceedings of the 7th Integral Workshop Sept. 8-11, 2008 Copenhagen, Denmark online at http://pos.sissa.it
8	AGILE detection of variable gamma-ray activity from the blazar S5 0716+714 during September-October 2007	F.D'Ammando	POS		33	2008		27/08/08	arXiv:0808.3673 Proceedings of the Workshop on Blazar Variability across the Electromagnetic Spectrum April 22-25, 2008 Palaiseau, France online at http://pos.sissa.it
7	AGILE Observation of Gamma Ray Variability of 3C 273 with AGILE during the MWL campaign of Dec 2007	L.Pacciani	POS		54	2008		25/04/08	Proceedings of the Workshop on Blazar Variability across the Electromagnetic Spectrum April 22-25, 2008 Palaiseau, France online at http://pos.sissa.it
6	The mini-calorimeter of the AGILE satellite	M.Marisaldi	Frascati Physics Series	45	209	2007		04/12/07	arXiv:0712.1548 Proceedings of the 5th Scineghe Workshop "Science with the new generation high energy gamma-ray experiments" June 18-20, 2007 Monteporzio, Rome

5	The localization of gamma-ray burst by SuperAGILE on board AGILE	E.Del Monte	Frascati Physics Series	45	201	2007	04/12/07	arXiv:0712.1548	Proceedings of the 5th Scineghe Workshop "Science with the new generation high energy gamma-ray experiments" June 18-20, 2007 Monteporzio, Rome
4	SuperAGILE: two months in orbit	M.Feroci	Frascati Physics Series	45	31	2007	04/12/07	arXiv:0712.1548	Proceedings of the 5th Scineghe Workshop "Science with the new generation high energy gamma-ray experiments" June 18-20, 2007 Monteporzio, Rome
3	The AGILE Silicon Tracker	G.Barbiellini	Frascati Physics Series	45	25	2007	04/12/07	arXiv:0712.1548	Proceedings of the 5th Scineghe Workshop "Science with the new generation high energy gamma-ray experiments" June 18-20, 2007 Monteporzio, Rome
2	AGILE in orbit	M.Tavani	Frascati Physics Series	45	1	2007	04/12/07	arXiv:0712.1548	Proceedings of the 5th Scineghe Workshop "Science with the new generation high energy gamma-ray experiments" June 18-20, 2007 Monteporzio, Rome
1	Gamma-ray blazars: the combined AGILE and MAGIC views	M.Persic	Proceedings of ICRC 2007	3	917	2007	12/09/07	arXiv:0709.1881	Proceedings of ICRC 2007 July 3-11, 2007 Mérida Mexico ed. Rogelio Caballero et al., 2008