

# Giovanna Agrosà

## List of Publications by Year in descending order

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24  
papers

421  
citations

687363

13  
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citing authors

#	ARTICLE	IF	CITATIONS
1	Tsilaisite, NaMn <sub>3</sub> Al <sub>6</sub> (Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> OH, a new mineral species of the tourmaline supergroup from Grotta d'Oggi, San Pietro in Campo, island of Elba, Italy. <i>American Mineralogist</i> , 2012, 97, 989-994.	1.9	42
2	The speciation of thallium in (Tl,Sb,As)-rich pyrite. <i>Ore Geology Reviews</i> , 2019, 107, 364-380.	2.7	41
3	Mn-tourmaline from island of Elba (Italy): Crystal chemistry. <i>American Mineralogist</i> , 2005, 90, 1661-1668.	1.9	34
4	Application of Laser Induced Breakdown Spectroscopy to the identification of emeralds from different synthetic processes. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 102, 48-51.	2.9	29
5	Mn-tourmaline crystals from island of Elba (Italy): Growth history and growth marks. <i>American Mineralogist</i> , 2006, 91, 944-952.	1.9	27
6	Biological Niches within Human Calcified Aortic Valves: Towards Understanding of the Pathological Biomineralization Process. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	26
7	An Innovative Approach to Meteorite Analysis by Laser-Induced Breakdown Spectroscopy. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 533-541.	3.1	26
8	A crystal chemical insight into sector zoning of a titanian andradite (melanite) crystal. <i>European Journal of Mineralogy</i> , 2002, 14, 785-794.	1.3	25
9	X-ray topographic study of a diamond from Udachnaya: Implications for the genetic nature of inclusions. <i>Lithos</i> , 2016, 248-251, 153-159.	1.4	23
10	Handheld Laser Induced Breakdown Spectroscopy Instrumentation Applied to the Rapid Discrimination between Iron Meteorites and Meteorite Wroongs. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 607-614.	3.1	20
11	Fe-rich ferropericlase and magnesio-wüstite inclusions reflecting diamond formation rather than ambient mantle. <i>Geology</i> , 2019, 47, 27-30.	4.4	19
12	Colombian Trapiche Emeralds: Recent Advances in Understanding Their Formation. <i>Gems &amp; Gemology</i> , 2015, , 222-259.	0.6	19
13	Standardless, minimally destructive chemical analysis of red beryls by means of Laser Induced Breakdown Spectroscopy. <i>European Journal of Mineralogy</i> , 2016, 28, 571-580.	1.3	15
14	Fluor-tsilaisite, NaMn <sub>3</sub> Al <sub>6</sub> (Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> F, a new tourmaline from San Piero in Campo (Elba, Italy) and new data on tsilaisitic tourmaline from the holotype specimen locality. <i>Mineralogical Magazine</i> , 2015, 79, 89-101.	1.4	12
15	Non-Destructive In Situ Study of Plastic Deformations in Diamonds: X-ray Diffraction Topography and $\mu$ FTIR Mapping of Two Super Deep Diamond Crystals from São Luiz (Juina, Brazil). <i>Crystals</i> , 2017, 7, 233.	2.2	12
16	Application of spectral linear mixing to rock slabs analyses at various scales using Ma_Miss BreadBoard instrument. <i>Planetary and Space Science</i> , 2017, 144, 1-15.	1.7	11
17	Multi-analytical study of syntactic coalescence of polytypes in a 6H-SiC sample. <i>Journal of Crystal Growth</i> , 2009, 311, 4784-4790.	1.5	7
18	New insights on the Dronino iron meteorite by double-pulse micro-Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 144, 75-81.	2.9	7

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19	Crystal Chemical Characterisation of Red Beryl by $\mu$ -Standardless <sup>TM</sup> Laser-Induced Breakdown Spectroscopy and Single-Crystal Refinement by X-Ray Diffraction: An Example of Validation of an Innovative Method for the Chemical Analysis of Minerals. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 685-693.	3.1	7
20	Multiphase inclusions associated with residual carbonate in a transition zone diamond from Juina (Brazil). <i>Lithos</i> , 2019, 350-351, 105279.	1.4	6
21	Growth and post-growth defects in a diamond from Finsch mine (South Africa). <i>European Journal of Mineralogy</i> , 2013, 25, 551-559.	1.3	5
22	Non-destructive, multi-method, internal analysis of multiple inclusions in a single diamond: First occurrence of mackinawite (Fe,Ni) <sub>1+x</sub> S. <i>American Mineralogist</i> , 2017, 102, 2235-2243.	1.9	5
23	Near-atomic images of interfaces between twin-related lamellae in a synthetic 6H-SiC sample. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 101-109.	0.8	3
24	Structural defects and polytypism in moissanite and synthetic SiC crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2006, 62, s64-s64.	0.3	0