

Matteo D Gallidabino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20

papers

294

citations

11

h-index

16

g-index

21

ext. papers

384

ext. citations

4.3

avg, IF

3.66

L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 20 | DNA methylation-based age prediction using massively parallel sequencing data and multiple machine learning models. <i>Forensic Science International: Genetics</i> , 2018 , 37, 215-226 | 4.3 | 47 |
| 19 | Differentiation of blue ballpoint pen inks by positive and negative mode LDI-MS. <i>Forensic Science International</i> , 2011 , 204, 169-78 | 2.6 | 43 |
| 18 | Prediction of bioconcentration factors in fish and invertebrates using machine learning. <i>Science of the Total Environment</i> , 2019 , 648, 80-89 | 10.2 | 30 |
| 17 | Characterization of volatile organic gunshot residues in fired handgun cartridges by headspace sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 7123-34 | 4.4 | 20 |
| 16 | Development of a novel headspace sorptive extraction method to study the aging of volatile compounds in spent handgun cartridges. <i>Analytical Chemistry</i> , 2014 , 86, 4471-8 | 7.8 | 20 |
| 15 | Estimating the time since discharge of spent cartridges: a logical approach for interpreting the evidence. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2013 , 53, 41-8 | 2 | 20 |
| 14 | Suspect screening of halogenated carboxylic acids in drinking water using ion exchange chromatography - high resolution (Orbitrap) mass spectrometry (IC-HRMS). <i>Talanta</i> , 2018 , 178, 57-68 | 6.2 | 15 |
| 13 | Probabilistic graphical models to deal with age estimation of living persons. <i>International Journal of Legal Medicine</i> , 2016 , 130, 475-88 | 3.1 | 14 |
| 12 | Machine Learning for Environmental Toxicology: A Call for Integration and Innovation. <i>Environmental Science & Technology</i> , 2018 , 52, 12953-12955 | 10.3 | 14 |
| 11 | Time since discharge of 9mm cartridges by headspace analysis, part 2: Ageing study and estimation of the time since discharge using multivariate regression. <i>Forensic Science International</i> , 2017 , 272, 171-183 | 2.6 | 11 |
| 10 | Time since discharge of 9mm cartridges by headspace analysis, part 1: Comprehensive optimisation and validation of a headspace sorptive extraction (HSSE) method. <i>Forensic Science International</i> , 2017 , 272, 159-170 | 2.6 | 11 |
| 9 | Quantitative profile-profile relationship (QPPR) modelling: a novel machine learning approach to predict and associate chemical characteristics of unspent ammunition from gunshot residue (GSR). <i>Analyst, The</i> , 2019 , 144, 1128-1139 | 5 | 9 |
| 8 | A study on contactless airborne transfer of textile fibres between different garments in small compact semi-enclosed spaces. <i>Forensic Science International</i> , 2020 , 315, 110432 | 2.6 | 9 |
| 7 | Age estimation by assessment of pulp chamber volume: a Bayesian network for the evaluation of dental evidence. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1125-1138 | 3.1 | 7 |
| 6 | Comparative Assessment of a Novel Photo-Anthropometric Landmark-Positioning Approach for the Analysis of Facial Structures on Two-Dimensional Images. <i>Journal of Forensic Sciences</i> , 2019 , 64, 828-838 | 1.8 | 6 |
| 5 | Ion beam analysis (IBA) and instrumental neutron activation analysis (INAA) for forensic characterisation of authentic Viagra® and of sildenafil-based illegal products. <i>Talanta</i> , 2021 , 224, 121829 | 6.2 | 6 |
| 4 | Targeted and non-targeted forensic profiling of black powder substitutes and gunshot residue using gradient ion chromatography - high resolution mass spectrometry (IC-HRMS). <i>Analytica Chimica Acta</i> , 2019 , 1072, 1-14 | 6.6 | 5 |

LIST OF PUBLICATIONS

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|---|--|-----|---|
| 3 | Commentary on: Gauriot R, Gunaratnam L, Moroni R, Reinikainen T, Corander R. Statistical challenges in the quantification of gunshot residue evidence. <i>J Forensic Sci</i> 2013;58(5):1149-55. <i>Journal of Forensic Sciences</i> , 2015 , 60, 539-41 | 1.8 | 3 |
| 2 | Time since last discharge of firearms and spent ammunition elements: state of the art and perspectives. <i>Forensic Science International</i> , 2020 , 311, 110290 | 2.6 | 2 |
| 1 | Chang KH, Yew CH, Abdullah AFL. Study on the behaviors of gunshot residues from spent cartridges by headspace solid-phase microextraction-gas chromatographic techniques. <i>J Forensic Sci</i> 2015;60(4):869-77. <i>Journal of Forensic Sciences</i> , 2016 , 61, 1409-10 | 1.8 | 2 |