

Stefano Vanin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7983537/publications.pdf>

Version: 2024-02-01

79
papers

2,366
citations

257429

24
h-index

233409

45
g-index

82
all docs

82
docs citations

82
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic mechanisms and specificities of glutathione peroxidases: Variations of a basic scheme. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1486-1500.	2.4	301
2	Unexpected features of <i>Drosophila</i> circadian behavioural rhythms under natural conditions. <i>Nature</i> , 2012, 484, 371-375.	27.8	260
3	Evolutionary and Structural Insights Into the Multifaceted Glutathione Peroxidase (Gpx) Superfamily. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1501-1514.	5.4	205
4	Synergic Entrainment of <i>Drosophila</i> Circadian Clock by Light and Temperature. <i>Journal of Biological Rhythms</i> , 2009, 24, 452-464.	2.6	106
5	Use of digestate from a decentralized on-farm biogas plant as fertilizer in soils: An ecotoxicological study for future indicators in risk and life cycle assessment. <i>Waste Management</i> , 2016, 49, 378-389.	7.4	98
6	Use of <i>Lucilia</i> species for forensic investigations in Southern Europe. <i>Forensic Science International</i> , 2008, 177, 37-41.	2.2	61
7	<i>period</i> and <i>timeless</i> mRNA Splicing Profiles under Natural Conditions in <i>Drosophila melanogaster</i> . <i>Journal of Biological Rhythms</i> , 2015, 30, 217-227.	2.6	61
8	Plant behaviour from human imprints and the cultivation of wild cereals in Holocene Sahara. <i>Nature Plants</i> , 2018, 4, 71-81.	9.3	60
9	Forensic entomology and climatic change. <i>Forensic Science International</i> , 2004, 146, S207-S209.	2.2	59
10	<i>Drosophila</i> Clock Neurons under Natural Conditions. <i>Journal of Biological Rhythms</i> , 2013, 28, 3-14.	2.6	59
11	<i>Drosophila</i> circadian rhythms in seminatural environments: Summer afternoon component is not an artifact and requires TrpA1 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8702-8707.	7.1	55
12	Forensic Entomology and the Estimation of the Minimum Time Since Death in Indoor Cases. <i>Journal of Forensic Sciences</i> , 2015, 60, 525-531.	1.6	49
13	A phylogenomic profile of hemerythrins, the nonheme diiron binding respiratory proteins. <i>BMC Evolutionary Biology</i> , 2008, 8, 244.	3.2	47
14	Genetic variability and pathological properties of Grapevine Leafroll-associated Virus 2 isolates. <i>European Journal of Plant Pathology</i> , 2010, 127, 185-197.	1.7	44
15	Validation of third molar maturity index (I 3M) for discrimination of juvenile/adult status in South Indian population. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2017, 49, 2-7.	1.0	42
16	Inverse European Latitudinal Cline at the <i>timeless</i> Locus of <i>Drosophila melanogaster</i> Reveals Selection on a Clock Gene: Population Genetics of <i>ls-tim</i> . <i>Journal of Biological Rhythms</i> , 2018, 33, 15-23.	2.6	35
17	Evaluating the presence of SARS-CoV-2 RNA in the particulate matters during the peak of COVID-19 in Padua, northern Italy. <i>Science of the Total Environment</i> , 2021, 784, 147129.	8.0	34
18	Crime scene and body alterations caused by arthropods: implications in death investigation. <i>International Journal of Legal Medicine</i> , 2019, 133, 307-316.	2.2	33

#	ARTICLE	IF	CITATIONS
19	A Computational Model of the LGI1 Protein Suggests a Common Binding Site for ADAM Proteins. PLoS ONE, 2011, 6, e18142.	2.5	33
20	Third molar maturity index by measurements of open apices in a Libyan sample of living subjects. Forensic Science International, 2016, 267, 230.e1-230.e6.	2.2	32
21	Insects found on a human cadaver in central Italy including the blowfly <i>Calliphora loewi</i> (Diptera.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td	2.2	31
22	Respiration rate and oxy-regulatory capacity in cold stenothermal chironomids. Journal of Insect Physiology, 2008, 54, 1337-1342.	2.0	30
23	Decomposition pattern and insect colonization in two cases of suicide by hanging. Forensic Sciences Research, 2018, 3, 94-102.	1.6	28
24	Decomposition and entomological colonization of charred bodies – a pilot study. Croatian Medical Journal, 2013, 54, 387-393.	0.7	26
25	Human DNA extraction from empty puparia. Forensic Science International, 2013, 229, e26-e29.	2.2	20
26	Entomotoxicology in burnt bodies: a case of maternal filicide-suicide by fire. International Journal of Legal Medicine, 2017, 131, 1299-1306.	2.2	20
27	Characterization and Identification of Puparia of <i>Hydrotaea</i> Robineau-Desvoidy, 1830 (Diptera.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td	1.8	20
28	Molecular Identification of Bacteria by Total Sequence Screening: Determining the Cause of Death in Ancient Human Subjects. PLoS ONE, 2011, 6, e21733.	2.5	19
29	Records of <i>Chrysomya albiceps</i> in Northern Italy: an ecological and forensic perspective. Memórias Do Instituto Oswaldo Cruz, 2009, 104, 555-557.	1.6	18
30	Excavation and Study of Skeletal Remains from a World War I Mass Grave. International Journal of Osteoarchaeology, 2015, 25, 585-592.	1.2	18
31	Nosocomial myiasis in a patient with diabetes. Journal of Hospital Infection, 2013, 83, 74-76.	2.9	16
32	Assessment of compost quality for its environmentally safe use by means of an ecotoxicological test on a soil organism. Journal of Material Cycles and Waste Management, 2014, 16, 763-774.	3.0	16
33	The iliac crest in forensic age estimation: evaluation of three methods in pelvis X-rays. International Journal of Legal Medicine, 2018, 132, 279-288.	2.2	16
34	Sperm structure of Limoniidae and their phylogenetic relationship with Tipulidae (Diptera.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	1.4	15
35	First records of <i>Synthesiomyia nudiseta</i> (Diptera: Muscidae) from forensic cases in Italy. Forensic Science International, 2017, 276, e1-e7.	2.2	15
36	Potential treatment of leachate by <i>Hermetia illucens</i> (Diptera, Stratiomyidae) larvae: Performance under different feeding conditions. Waste Management and Research, 2020, 38, 537-545.	3.9	15

#	ARTICLE	IF	CITATIONS
37	Molecular Evolution and Phylogeny of Sipunculan Hemerythrins. <i>Journal of Molecular Evolution</i> , 2006, 62, 32-41.	1.8	14
38	Post-mortal lesions in freshwater environment. <i>Forensic Science International</i> , 2011, 212, e18-e20.	2.2	14
39	Third molar development by measurements of open apices in an Italian sample of living subjects. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 38, 36-42.	1.0	14
40	Comparison of Accumulated Degree-Days and Entomological Approaches in Post Mortem Interval Estimation. <i>Insects</i> , 2021, 12, 264.	2.2	14
41	Forensic Validity of the Third Molar Maturity Index (T_j). <i>BioMed Research International</i> , 2020, 2020, 1-6.	1.9	14
42	First record of <i>Phormia regina</i> (Meigen, 1826) (Diptera: Calliphoridae) from mummies at the Sant'Antonio Abate Cathedral of Castelsardo, Sardinia, Italy. <i>PeerJ</i> , 2018, 6, e4176.	2.0	14
43	Winter activity of spiders and pseudoscorpions in the South-Eastern Alps (Italy). <i>Italian Journal of Zoology</i> , 2007, 74, 31-38.	0.6	13
44	Forensic Entomology and the Archaeology of War. <i>Journal of Conflict Archaeology</i> , 2009, 5, 127-139.	0.4	13
45	Splitting hairs: differentiating between entomological activity, taphonomy, and sharp force trauma on hair. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 104-110.	1.4	13
46	A combined protocol for identification of maggots of forensic interest. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016, 56, 264-268.	2.1	13
47	Assessment of compost dosage in farmland through ecotoxicological tests. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 303-317.	3.0	12
48	Ecological risk assessment of agricultural soils for the definition of soil screening values: A comparison between substance-based and matrix-based approaches. <i>Heliyon</i> , 2017, 3, e00284.	3.2	12
49	Experimental evaluation on the applicability of necrobiome analysis in forensic veterinary science. <i>MicrobiologyOpen</i> , 2019, 8, e00828.	3.0	12
50	<i>Mentha pulegium</i> L.: A Plant Underestimated for Its Toxicity to Be Recovered from the Perspective of the Circular Economy. <i>Molecules</i> , 2021, 26, 2154.	3.8	12
51	Summer raids of <i>Arocatus melanocephalus</i> (Heteroptera, Lygaeidae) in urban buildings in Northern Italy: Is climate change to blame?. <i>Journal of Thermal Biology</i> , 2006, 31, 594-598.	2.5	10
52	Do longer sequences improve the accuracy of identification of forensically important Calliphoridae species?. <i>PeerJ</i> , 2018, 6, e5962.	2.0	10
53	Seasonal variation of trehalose and glycerol concentrations in winter snow-active insects. <i>Cryo-Letters</i> , 2008, 29, 485-91.	0.3	10
54	A general review of the most common COI primers for Calliphoridae identification in forensic entomology. <i>Forensic Science International: Genetics</i> , 2016, 24, e9-e11.	3.1	9

#	ARTICLE	IF	CITATIONS
55	A Case of Insect Colonization Before the Death. <i>Journal of Forensic Sciences</i> , 2017, 62, 1665-1667.	1.6	9
56	First report of Heleomyzidae (Diptera) recovered from the inner cavity of an intact human femur. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2019, 66, 4-7.	1.0	9
57	Environmental necrophagous fauna selection in a funerary hypogeal context: The putridarium of the Franciscan monastery of Azzio (northern Italy). <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 683-692.	0.5	9
58	Myiasis by <i>Megaselia scalaris</i> (Diptera: Phoridae) in a Python Affected by Pulmonitis. <i>Journal of Medical Entomology</i> , 2013, 50, 209-211.	1.8	8
59	Puparia Cleaning Techniques for Forensic and Archaeo-Funerary Studies. <i>Insects</i> , 2021, 12, 104.	2.2	8
60	Chronobiological studies on body search, oviposition and emergence of <i>Megaselia scalaris</i> (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	2.2	7
61	Studies on the distribution and ecology of snow flies <i>Chionea lutescens</i> and <i>Chionea alpina</i> (Diptera, Limoniidae) in Italy. <i>Italian Journal of Zoology</i> , 2008, 75, 147-153.	0.6	6
62	Biopotentiality as an index of environmental compensation for composting plants. <i>Waste Management</i> , 2013, 33, 1607-1615.	7.4	6
63	Insights on Funeral Practices and Insects Associated With the Tombs of King Ferrante II d'Aragona and Other Renaissance Nobles. <i>Journal of Medical Entomology</i> , 2019, 56, 1582-1589.	1.8	6
64	DNA characterization from gut content of larvae of <i>Megaselia scalaris</i> (Diptera, Phoridae). <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 654-659.	2.1	6
65	Record of <i>Leptometopa latipes</i> (Diptera: Milichiidae) from a human cadaver in the Mediterranean area. <i>Forensic Sciences Research</i> , 2019, 4, 341-347.	1.6	6
66	Forensic investigative issues in a fireworks production factory explosion. <i>International Journal of Legal Medicine</i> , 2021, 135, 1647-1654.	2.2	6
67	Climate Change and Forensic Entomology. , 2009, , 327-351.		5
68	Acute toxicity tests using earthworms to estimate ecological quality of compost and digestate. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 552-560.	3.0	5
69	Patterns of camelid sacrifice at the site of Pachacamac, Peruvian Central Coast, during the Late Intermediate Period (AD1000-1470): Perspectives from funerary archaeoentomology. <i>Journal of Archaeological Science</i> , 2020, 114, 105065.	2.4	5
70	Description of the puparium and other notes on the morphological and molecular identification of <i>Phthitia empirica</i> (Diptera, Sphaeroceridae) collected from animal carcasses. <i>Egyptian Journal of Forensic Sciences</i> , 2020, 10, .	1.0	5
71	State of the art of the funerary archaeoentomological investigations in Italy. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	5
72	Advances in Forensic Entomology in Missing Persons Investigations. , 2016, , 309-317.		4

#	ARTICLE	IF	CITATIONS
73	Caâ€™™ Granda, an avant-garde hospital between the Renaissance and Modern age: a unique scenario in European history. <i>Medical History</i> , 2022, 66, 24-33.	0.2	4
74	The Red Swamp Crayfish <i>Procambarus Clarkii</i> (the Louisiana Crayfish) as a Particular Scavenger on a Human Corpse. <i>Journal of Forensic Sciences</i> , 2020, 65, 323-326.	1.6	3
75	Multiple deaths caused by a fire in a factory: identification and investigative issues. <i>Journal of Forensic Odonto-Stomatology</i> , 2016, 34, 47-59.	0.2	3
76	Investigation of the skin lesions in lightning strike death. <i>Legal Medicine</i> , 2021, 52, 101896.	1.3	2
77	First record of <i>Physiphora alceae</i> (Preysler, 1791) (Diptera, Ulidiidae) from a forensic case in Northern Italy: description of immature stages, DNA barcoding and phylogenetic analysis. , 2021, 88, 1071-1083.		2
78	First evaluation of the serum level of anti-hepatitis B surface antigen after vaccination in Libya. <i>Eastern Mediterranean Health Journal</i> , 2013, 19, 990-4.	0.8	1
79	Contribution to the Knowledge of Fungal Community Colonizing Mummified Bodies in the Mediterranean Area. <i>Romanian Journal of Legal Medicine</i> , 2021, 29, 250-254.	0.3	0