Holger Muggenthaler

List of Publications by Year
in descending order

30	260	1163117 8	996975 15
papers	citations	h-index	g-index

32	32	32	139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractures and skin lesions in pediatric abusive head trauma: a forensic multi-center study. International Journal of Legal Medicine, 2022, 136, 591-601.	2.2	3
2	Slip and tilt: modeling falls over railings. International Journal of Legal Medicine, 2021, 135, 245-251.	2.2	2
3	Pedestrian hit by a car impacted metal pole: reconstructing the head load. International Journal of Legal Medicine, 2020, 134, 1403-1408.	2.2	0
4	Injury pattern and the biomechanical assessment of skull fracture risk in blows with a rubber mallet. Forensic Science International, 2020, 312, 110303.	2.2	3
5	Improving stomach content based death time determination by maximum probability estimation. Forensic Science International, 2018, 285, 135-146.	2.2	5
6	Maximum striking velocities in strikes with steel rodsâ€"the influence of rod length, rod mass and volunteer parameters. International Journal of Legal Medicine, 2018, 132, 499-508.	2.2	4
7	Influence of striking technique on maximum striking velocitiesâ€"experimental and statistical investigation. International Journal of Legal Medicine, 2018, 132, 1341-1347.	2.2	2
8	Fully automatic CT-histogram-based fat estimation in dead bodies. International Journal of Legal Medicine, 2018, 132, 563-577.	2.2	5
9	Temperature-based death time estimation in near equilibrium: Asymptotic confidence interval estimation. Forensic Science International, 2018, 290, 189-195.	2.2	3
10	Biomechanical approach for the assessment of contacts with deformable objects. International Journal of Legal Medicine, 2018, 132, 1367-1374.	2.2	4
11	Calibration and parameter variation using a finite element model for death time estimation: The influence of the substrate. Legal Medicine, 2017, 25, 23-28.	1.3	7
12	Automatic CT-based finite element model generation for temperature-based death time estimation: feasibility study and sensitivity analysis. International Journal of Legal Medicine, 2017, 131, 699-712.	2.2	16
13	Fatal abdominal injuries in a bicycle-pedestrian collision â€“ Reconstruction using multibody simulation. Forensic Science, Medicine, and Pathology, 2017, 13, 230-233.	1.4	5
14	Influence of hypo- and hyperthermia on death time estimation â€“ A simulation study. Legal Medicine, 2017, 28, 10-14.	1.3	12
15	Do multiple temperature measurements improve temperature-based death time estimation? The information degradation inequality. International Journal of Legal Medicine, 2016, 130, 1243-1251.	2.2	2
16	Biomechanical assessment of the injury risk of stomping. International Journal of Legal Medicine, 2016, 130, 827-834.	2.2	8
17	With reference to the letter to the editor by Henssge (Leg Med (Tokyo). 2015 Jul 29.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 Temperature based forensic death time estimation: The standard model in experimental testâ€™ (Legal Med) Tj ETQq1 1 0.784314 rg	1.3	4
18	Temperature based forensic death time estimation: The standard model in experimental test. Legal Medicine, 2015, 17, 381-387.	1.3	26

#	Article	IF	Citations
19	Confidence intervals in temperature-based death time determination. Legal Medicine, 2015, 17, 48-51.	1.3	5
20	Conditional probability distribution (CPD) method in temperature based death time estimation: Error propagation analysis. Forensic Science International, 2014, 238, 53-58.	2.2	8
21	Fall from a Balconyâ€"Accidental or Homicidal? Reconstruction by Numerical Simulation. Journal of Forensic Sciences, 2013, 58, 1061-1064.	1.6	13
22	The forensic relevance of hypothermia in living personsâ€"Literature and retrospective study. Forensic Science International, 2013, 231, 34-41.	2.2	4
23	Complete trunk severance of a motorcyclist by a traffic sign post at a comparably low collision speed. Forensic Science International, 2012, 223, e35-e37.	2.2	2
24	Database of post-mortem rectal cooling cases under strictly controlled conditions: a useful tool in death time estimation. International Journal of Legal Medicine, 2012, 126, 79-87.	2.2	39
25	Influence of measurement errors on temperature-based death time determination. International Journal of Legal Medicine, 2011, 125, 503-517.	2.2	25
26	Body mass and corrective factor: impact on temperature-based death time estimation. International Journal of Legal Medicine, 2011, 125, 437-444.	2.2	22
27	Heat-Flow Finite-Element Models in Death Time Estimation. Forensic Pathology Reviews, 2011, , 259-275.	0.1	1
28	Experimental tests for the validation of active numerical human models. Forensic Science International, 2008, 177, 184-191.	2.2	18
29	Numerical human models for accident research and safety - potentials and limitations. Studies in Health Technology and Informatics, 2008, 133, 201-7.	0.3	4
30	The Effects of Muscle Activity on Human Kinematics and Muscle Response Characteristics â€“ Volunteer Tests for the Validation of Active Human Models. , 0, , .		5