

# Eva Scheurer

## List of Publications by Year in Descending Order

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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.

58 papers	2,333 citations	20 h-index	48 g-index
62 ext. papers	2,706 ext. citations	3.6 avg, IF	4.34 L-index

#	Paper	IF	Citations
58	Beyond $\Delta$ -tetrahydrocannabinol and cannabidiol: chemical differentiation of cannabis varieties applying targeted and untargeted analysis.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	2
57	Determination of time of death by blinded post-mortem interrogation of cardiac implantable electrical devices.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8199	4.9	0
56	Which tissue to take? A retrospective study of the identification success of altered human remains. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2021</b> , 84, 102271	1.7	0
55	Post mortem brain temperature and its influence on quantitative MRI of the brain. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2021</b> , 1	2.8	
54	Tissue sample analysis for post mortem determination of brain edema. <i>Forensic Science International</i> , <b>2021</b> , 323, 110808	2.6	0
53	Sensitivity of fiber orientation dependent to temperature and post mortem interval. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 2703-2715	4.4	1
52	Bone age estimation with the Greulich-Pyle atlas using 3T MR images of hand and wrist. <i>Forensic Science International</i> , <b>2021</b> , 319, 110654	2.6	8
51	A massacre of early Neolithic farmers in the high Pyrenees at Els Trocs, Spain. <i>Scientific Reports</i> , <b>2020</b> , 10, 2131	4.9	10
50	Analysis of different post mortem assessment methods for cerebral edema. <i>Forensic Science International</i> , <b>2020</b> , 308, 110164	2.6	2
49	Development, validation, and application of an LC-MS/MS method for mitragynine and 7-hydroxymitragynine analysis in hair. <i>Drug Testing and Analysis</i> , <b>2020</b> , 12, 280-284	3.5	0
48	Histomorphological assessment of isolated abdominal organs after targeted perfusion with the contrast agent Angiofil <sup>®</sup> in postmortem computed tomography angiography. <i>Forensic Science International</i> , <b>2020</b> , 315, 110427	2.6	1
47	Distribution pattern of common drugs of abuse, ethyl glucuronide, and benzodiazepines in hair across the scalp. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 1522-1541	3.5	4
46	Dental age estimation: The chronology of mineralization and eruption of male third molars with 3T MRI. <i>Forensic Science International</i> , <b>2019</b> , 297, 228-235	2.6	10
45	Systematic review on the characterization of chronic traumatic encephalopathy by MRI and MRS. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 49, 212-228	5.6	11
44	Identification of deceased based on sternal bone computed tomography features. <i>Forensic Science International</i> , <b>2018</b> , 286, 233-238	2.6	5
43	Reproducibility of relaxometry of human lumbar vertebrae at 3 Tesla using H MR spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 48, 153-159	5.6	1
42	Integrated computer-aided forensic case analysis, presentation, and documentation based on multimodal 3D data. <i>Forensic Science International</i> , <b>2018</b> , 287, 12-24	2.6	13

41	Sample preparation method for the combined extraction of ethyl glucuronide and drugs of abuse in hair. <i>Drug Testing and Analysis</i> , <b>2018</b> , 10, 701-710	3.5	6
40	Cannabinoid concentrations in blood and urine after smoking cannabidiol joints. <i>Forensic Science International</i> , <b>2018</b> , 291, 62-67	2.6	22
39	Detection and volume estimation of artificial hematomas in the subcutaneous fatty tissue: comparison of different MR sequences at 3.0 T. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 135-144	1.5	1
38	Assessment of pharmacokinetics for microvessel proliferation by DCE-MRI for early detection of physeal bone bridge formation in an animal model. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2017</b> , 30, 417-427	2.8	2
37	Distribution pattern of ethyl glucuronide and caffeine concentrations over the scalp of a single person in a forensic context. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 1594-1603	3.5	14
36	Suizidale Drosselung mittels Kabelbinder. <i>Rechtsmedizin</i> , <b>2017</b> , 27, 433-437	0.6	1
35	A user-friendly technical set-up for infrared photography of forensic findings. <i>Forensic Science International</i> , <b>2017</b> , 278, 148-155	2.6	7
34	Quantitative MR imaging in fracture dating--Initial results. <i>Forensic Science International</i> , <b>2016</b> , 261, 61-92	2.6	16
33	Time related changes of T1, T2, and T2(*) (2) of human blood in vitro. <i>Forensic Science International</i> , <b>2016</b> , 262, 11-7	2.6	5
32	Time-Dependent Changes in T1 during Fracture Healing in Juvenile Rats: A Quantitative MR Approach. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164284	3.7	7
31	Applicability of Greulich-Pyle and Tanner-Whitehouse grading methods to MRI when assessing hand bone age in forensic age estimation: A pilot study. <i>Forensic Science International</i> , <b>2016</b> , 266, 281-288	2.6	23
30	Contrast of artificial subcutaneous hematomas in MRI over time. <i>International Journal of Legal Medicine</i> , <b>2015</b> , 129, 317-24	3.1	9
29	Assessment of fiducial markers to enable the co-registration of photographs and MRI data. <i>Forensic Science International</i> , <b>2015</b> , 248, 148-53	2.6	4
28	Closed-form solution for T2 mapping with nonideal refocusing of slice selective CPMG sequences. <i>Magnetic Resonance in Medicine</i> , <b>2015</b> , 73, 818-27	4.4	26
27	Dental age estimation of living persons: Comparison of MRI with OPG. <i>Forensic Science International</i> , <b>2015</b> , 253, 76-80	2.6	37
26	Assessment of trace elements in human brain using inductively coupled plasma mass spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2014</b> , 28, 1-7	4.1	63
25	Intuitive presentation of clinical forensic data using anonymous and person-specific 3D reference manikins. <i>Forensic Science International</i> , <b>2014</b> , 241, 155-66	2.6	19
24	Age determination of soft tissue hematomas. <i>NMR in Biomedicine</i> , <b>2014</b> , 27, 1397-402	4.4	11

23	Consent to forensic radiologic examinations by living crime victims. <i>International Journal of Legal Medicine</i> , <b>2014</b> , 128, 323-8	3.1	4
22	Can clinical CT data improve forensic reconstruction?. <i>International Journal of Legal Medicine</i> , <b>2013</b> , 127, 631-8	3.1	13
21	Detection and characterization of traumatic scalp injuries for forensic evaluation using computed tomography. <i>International Journal of Legal Medicine</i> , <b>2013</b> , 127, 195-200	3.1	22
20	Forensic-case analysis: from 3D imaging to interactive visualization. <i>IEEE Computer Graphics and Applications</i> , <b>2012</b> , 32, 79-87	1.7	15
19	Susceptibility induced gray-white matter MRI contrast in the human brain. <i>NeuroImage</i> , <b>2012</b> , 59, 1413-9	7.9	99
18	Quantitative susceptibility mapping (QSM) as a means to measure brain iron? A post mortem validation study. <i>NeuroImage</i> , <b>2012</b> , 62, 1593-9	7.9	432
17	Validation of reference data on wisdom tooth mineralization and eruption for forensic age estimation in living persons. <i>International Journal of Legal Medicine</i> , <b>2011</b> , 125, 707-15	3.1	8
16	Estimation of the postmortem interval by means of <sup>1</sup> H MRS of decomposing brain tissue: influence of ambient temperature. <i>NMR in Biomedicine</i> , <b>2011</b> , 24, 791-8	4.4	23
15	Forensic application of postmortem diffusion-weighted and diffusion tensor MR imaging of the human brain in situ. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 1518-24	4.4	36
14	Fructose and galactose enhance postexercise human liver glycogen synthesis. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 1964-71	1.2	45
13	Quantitative MR imaging of brain iron: a postmortem validation study. <i>Radiology</i> , <b>2010</b> , 257, 455-62	20.5	321
12	A plasma global metabolic profiling approach applied to an exercise study monitoring the effects of glucose, galactose and fructose drinks during post-exercise recovery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 3015-23	3.2	14
11	Traumatic extra-axial hemorrhage: correlation of postmortem MSCT, MRI, and forensic-pathological findings. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 28, 823-36	5.6	40
10	Post-mortem forensic neuroimaging: correlation of MSCT and MRI findings with autopsy results. <i>Forensic Science International</i> , <b>2007</b> , 173, 21-35	2.6	133
9	Clinical forensic radiology in strangulation victims: forensic expertise based on magnetic resonance imaging (MRI) findings. <i>International Journal of Legal Medicine</i> , <b>2007</b> , 121, 115-23	3.1	64
8	Statistical evaluation of time-dependent metabolite concentrations: estimation of post-mortem intervals based on in situ <sup>1</sup> H-MRS of the brain. <i>NMR in Biomedicine</i> , <b>2005</b> , 18, 163-72	4.4	41
7	Fulminant cerebral malaria in a Swiss patient. <i>Infection</i> , <b>2005</b> , 33, 33-5	5.8	10
6	Virtopsy: Forensic Traumatology of the Subcutaneous Fatty Tissue; Multislice Computed Tomography (MSCT) and Magnetic Resonance Imaging (MRI) as Diagnostic Tools. <i>Journal of Forensic Sciences</i> , <b>2004</b> , 49, 1-8	1.8	48

5	Virtopsy: forensic traumatology of the subcutaneous fatty tissue; multislice computed tomography (MSCT) and magnetic resonance imaging (MRI) as diagnostic tools. <i>Journal of Forensic Sciences</i> , <b>2004</b> , 49, 799-806	1.8	19
4	Virtopsy, a New Imaging Horizon in Forensic Pathology: Virtual Autopsy by Postmortem Multislice Computed Tomography (MSCT) and Magnetic Resonance Imaging (MRI) Feasibility Study. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 2002166	1.8	392
3	Virtopsy, a new imaging horizon in forensic pathology: virtual autopsy by postmortem multislice computed tomography (MSCT) and magnetic resonance imaging (MRI)--a feasibility study. <i>Journal of Forensic Sciences</i> , <b>2003</b> , 48, 386-403	1.8	158
2	Observation and identification of metabolites emerging during postmortem decomposition of brain tissue by means of in situ <sup>1</sup> H-magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , <b>2002</b> , 48, 915-20	4.4	41
1	The response of relatives to medicolegal investigations and forensic autopsy. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2002</b> , 23, 345-8	1	12