Hartmut Kutzke

List of Publications by Year
in descending order

19 papers	424 citations	840776 11 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	346 citing authors

#	Article	IF	Citations
1	Virtual unwrapping of the <i>BISPEGATA amulet</i>, a multiple folded medieval lead amulet, by using neutron tomography. Archaeometry, 2022, 64, 969-978.	1.3	4
2	Evaluation of Soda Lignin from Wheat Straw/Sarkanda Grass as a Potential Future Consolidant for Archaeological Wood. Forests, 2021, 12, 911.	2.1	5
3	Tert-butyldimethylsilyl chitosan synthesis and characterization by analytical ultracentrifugation, for archaeological wood conservation. European Biophysics Journal, 2020, 49, 781-789.	2.2	11
4	Aminoethyl substitution enhances the self-assembly properties of an aminocellulose as a potential archaeological wood consolidant. European Biophysics Journal, 2020, 49, 791-798.	2.2	12
5	Identification of green pigments and binders in late medieval painted wings from Norwegian churches. Microchemical Journal, 2020, 156, 104811.	4.5	13
6	Climatically Induced Degradation Processes in Conserved Archaeological Wood Studied by Time-lapse Photography. Studies in Conservation, 2019, 64, 115-123.	1.1	6
7	Navigating conservation strategies: linking material research on alum-treated wood from the Oseberg collection to conservation decisions. Heritage Science, 2018, 6, .	2.3	21
8	Infrared, Raman and computational study of a crystalline mononuclear copper complex of relevance to the pigment Verdigris. Vibrational Spectroscopy, 2018, 97, 66-74.	2.2	5
9	New insights into the degradation processes and influence of the conservation treatment in alum-treated wood from the Oseberg collection. Microchemical Journal, 2017, 132, 119-129.	4.5	34
10	In situ polymerisation of isoeugenol as a green consolidation method for waterlogged archaeological wood. Scientific Reports, 2017, 7, 46481.	3.3	32
11	Hybrid nanocomposites made of diol-modified silanes and nanostructured calcium hydroxide. Applications to Alum-treated wood. Pure and Applied Chemistry, 2017, 89, 29-39.	1.9	13
12	Synthesis and characterisation of lignin-like oligomers as a bio-inspired consolidant for waterlogged archaeological wood. Pure and Applied Chemistry, 2016, 88, 969-977.	1.9	27
13	On the changing appearance of, and potential treatment options for, softening and dripping paints in CoBrA oil paintings. Studies in Conservation, 2016, 61, 269-270.	1.1	1
14	Nanotechnologies for the restoration of alum-treated archaeological wood. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	17
15	Chemical analyses of extremely degraded wood using analytical pyrolysis and inductively coupled plasma atomic emission spectroscopy. Microchemical Journal, 2016, 124, 368-379.	4.5	42
16	TREATMENT OF WATERLOGGED ARCHAEOLOGICAL WOOD USING CHITOSAN- AND MODIFIED CHITOSAN SOLUTIONS. PART 1: CHEMICAL COMPATIBILITY AND MICROSTRUCTURE. Journal of the American Institute for Conservation, 2015, 54, 3-13.	0.5	22
17	Novel application of liquid chromatography/mass spectrometry for the characterization of drying oils in art: Elucidation on the composition of original paint materials used by Edvard Munch (1863â€“1944). Analytica Chimica Acta, 2015, 896, 177-189.	5.4	43
18	The presence of sulfuric acid in alum-conserved wood â€“ Origin and consequences. Journal of Cultural Heritage, 2012, 13, S203-S208.	3.3	49

#	Article	IF	Citations
19	New materials used for the consolidation of archaeological woodâ€“past attempts, present struggles, and future requirements. Journal of Cultural Heritage, 2012, 13, S183-S190.	3.3	67