

Joanne Dyer

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,140
citations

394421

19
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1170
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-scalar investigation of the colouring materials used in textile wrappings of Egyptian votive animal mummies. <i>Heritage Science</i> , 2021, 9, .	2.3	13
2	Bordering on Asian Paintings: Dye Analysis of Textile Borders and Mount Elements to Complement Research on Asian Pictorial Art. <i>Heritage</i> , 2021, 4, 4344-4365.	1.9	6
3	Compositional and Micro-Morphological Characterisation of Red Colourants in Archaeological Textiles from Pharaonic Egypt. <i>Molecules</i> , 2019, 24, 3761.	3.8	29
4	Historical formulations of lake pigments and dyes derived from lac: A study of compositional variability. <i>Dyes and Pigments</i> , 2019, 170, 107579.	3.7	22
5	Developing a systematic approach to determine the sequence of impressions of Japanese woodblock prints: the case of Hokusai's "Red Fuji". <i>Heritage Science</i> , 2019, 7, .	2.3	9
6	Shedding light on the colours of medieval alabaster sculptures: Scientific analysis and digital reconstruction of their original polychromy. <i>Color Research and Application</i> , 2019, 44, 221-233.	1.6	7
7	Fibre optic reflectance spectroscopy and multispectral imaging for the non-invasive investigation of Asian colourants in Chinese textiles from Dunhuang (7th-10th century AD). <i>Dyes and Pigments</i> , 2019, 162, 494-511.	3.7	59
8	Ancient encaustic: An experimental exploration of technology, ageing behaviour and approaches to analytical investigation. <i>Microchemical Journal</i> , 2018, 138, 472-487.	4.5	23
9	Science at the museum. <i>Nature Materials</i> , 2018, 17, 110-111.	27.5	3
10	The identification of lac as a pigment in ancient Greek polychromy - The case of a Hellenistic oinochoe from Canosa di Puglia. <i>Dyes and Pigments</i> , 2018, 149, 122-132.	3.7	25
11	A multispectral imaging approach integrated into the study of Late Antique textiles from Egypt. <i>PLoS ONE</i> , 2018, 13, e0204699.	2.5	39
12	The characterisation of shellac resin by flow injection and liquid chromatography coupled with electrospray ionisation and mass spectrometry. <i>Scientific Reports</i> , 2017, 7, 14784.	3.3	35
13	A technical step forward in the integration of visible-induced luminescence imaging methods for the study of ancient polychromy. <i>Heritage Science</i> , 2017, 5, .	2.3	31
14	Excited state dependent electron transfer of a rhenium-dipyridophenazine complex intercalated between the base pairs of DNA: a time-resolved UV-visible and IR absorption investigation into the photophysics of fac-[Re(CO) ₃ (F2dppz)(py)] ⁺ bound to either [poly(dA-dT)] ₂ or [poly(dG-dC)] ₂ . <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1355.	2.9	32
15	A covalently linked phenanthridine-ruthenium(ii) complex as a RNA probe. <i>Chemical Communications</i> , 2009, , 2640.	4.1	85
16	Photooxidation of Guanine by a Ruthenium Dipyridophenazine Complex Intercalated in a Double-Stranded Polynucleotide Monitored Directly by Picosecond Visible and Infrared Transient Absorption Spectroscopy. <i>Chemistry - A European Journal</i> , 2008, 14, 369-375.	3.3	95
17	Photolysis of Dibenzyl Ketones Sorbed on MFI Zeolites in the Presence of Spectator Molecules: Cage Effects, Kinetics, and External Surface Sites Characterization. <i>Journal of the American Chemical Society</i> , 2008, 130, 11344-11354.	13.7	18
18	FT-IR Characterization of the Distribution of 2-Phenylcycloalkanones in Micellar Environments. <i>Journal of Physical Chemistry C</i> , 2008, 112, 8046-8050.	3.1	1

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19	FRETView: a computer program to simplify the process of obtaining fluorescence resonance energy transfer parameters. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 909.	2.9	7
20	Controlled diastereoselectivity at the alkene-geometry through selective encapsulation: E-Z photoisomerization of oxazolidinone-functionalized enecarbamates within hydrophobic nano-cavities. <i>Chemical Communications</i> , 2007, , 819-821.	4.1	6
21	Inorganic~Organic Hybrid Luminescent Binary Probe for DNA Detection Based on Spin-Forbidden Resonance Energy Transfer. <i>Journal of the American Chemical Society</i> , 2007, 129, 8680-8681.	13.7	59
22	Solvent dependent photophysics of fac-[Re(CO)3(11,12-X2dppz)(py)]+ (X = H, F or Me). <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 741.	2.9	31
23	Phosphorylation State-Responsive Lanthanide Peptide Conjugates: A Luminescence Switch Based on Reversible Complex Reorganization. <i>Organic Letters</i> , 2006, 8, 2723-2726.	4.6	48
24	Contribution from DAVID PHILLIPS. , 2006, , 449-467.		0
25	Monitoring the effect of ultrafast deactivation of the electronic excited states of DNA bases and polynucleotides following 267 nm laser excitation using picosecond time-resolved infrared spectroscopy. <i>Chemical Communications</i> , 2005, , 1182.	4.1	54
26	Two-Photon Induced Uncaging of a Reactive Intermediate. Multiphoton In Situ Detection of a Potentially Valuable Label for Biological Applications. <i>Journal of Organic Chemistry</i> , 2005, 70, 2143-2147.	3.2	14
27	The photophysics of fac-[Re(CO)3(dppz)(py)]+ in CH3CN: a comparative picosecond flash photolysis, transient infrared, transient resonance Raman and density functional theoretical study Dedicated to the memory of Nobel Laureate, Lord George Porter FRSC FRS OM.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 542.	2.9	95
28	Development of a Broadband Picosecond Infrared Spectrometer and its Incorporation into an Existing Ultrafast Time-Resolved Resonance Raman, UV/Visible, and Fluorescence Spectroscopic Apparatus. <i>Applied Spectroscopy</i> , 2003, 57, 367-380.	2.2	147
29	Using picosecond and nanosecond time-resolved infrared spectroscopy for the investigation of excited states and reaction intermediates of inorganic systems Based on the presentation given at Dalton Discussion No. 6, 9?11th September 2003, University of York, UK.. <i>Dalton Transactions</i> , 2003, , 3996.	3.3	73
30	Ultrafast transient absorption studies of ruthenium and rhenium dipyrrophenazine complexes bound to DNA and polynucleotides. , 2003, , .		3
31	Revealing the photophysics of fac-[(dppz-12-NO2)Re(CO)3(4-Me2Npy)]+: a picosecond time-resolved IR study Electronic supplementary information (ESI) available: synthetic procedures, product characterization and brief description of ps-TSIR experiments. See http://www.rsc.org/suppdata/cc/b2/b200586g/ . <i>Chemical Communications</i> , 2002, , 872-873.	4.1	19
32	Investigation into the reactivity of M(\dot{I} -5-C5R5)(CO)2(alkane) (M = Mn or Re; R = H, Me or Ph); Tj ETQq0 0 0 rgBT /Overlo temperature. <i>Dalton Transactions RSC</i> , 2000, , 1901-1906.	2.3	52