

John N Moore

List of Publications by Year in descending order

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24
papers

828
citations

567281

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642732

23
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docs citations

24
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond Time-Resolved UV-Visible Absorption Spectroscopy of trans-Azobenzene in Solution. <i>The Journal of Physical Chemistry</i> , 1996, 100, 13338-13341.	2.9	215
2	Photoisomerization of a Capped Azobenzene in Solution Probed by Ultrafast Time-Resolved Electronic Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9161-9166.	2.5	79
3	Proton-controlled photoisomerization: rhenium(i) tricarbonyl bipyridine linked to amine or azacrown ether groups by a styryl pyridine bridging ligand. <i>Chemical Communications</i> , 2000, , 1865-1866.	4.1	59
4	Donor-Acceptor Species Derived from Functionalised 1,3-Dithiol-2-ylidene Anthracene Donor Units Exhibiting Photoinduced Electron Transfer Properties: Spectroscopic, Electrochemical, X-Ray Crystallographic and Theoretical Studies. <i>Chemistry - A European Journal</i> , 1998, 4, 2580-2592.	3.3	56
5	Investigating the Cusp between the nano- and macro-sciences in supermolecular liquid-crystalline twist-bend nematogens. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5102-5110.	5.5	47
6	Ultrafast Time-Resolved UV-Visible and Infrared Absorption Spectroscopy of Binuclear Rhenium(I) Polypyridyl Complexes in Solution. <i>Journal of Physical Chemistry A</i> , 1998, 102, 1252-1260.	2.5	37
7	Spectroscopic studies of Direct Blue 1 in solution and on cellulose surfaces: effects of environment on a bis-azo dye. <i>New Journal of Chemistry</i> , 2004, 28, 815.	2.8	37
8	Considerations in the determination of orientational order parameters from X-ray scattering experiments. <i>Liquid Crystals</i> , 2019, 46, 11-24.	2.2	37
9	Dyes in Liquid Crystals: Experimental and Computational Studies of a Guest-Host System Based on a Combined DFT and MD Approach. <i>Chemistry - A European Journal</i> , 2015, 21, 10123-10130.	3.3	36
10	Light-Controlled Ion Switching: Direct Observation of the Complete Nanosecond Release and Microsecond Recapture Cycle of an Azacrown-Substituted [(bpy)Re(CO) ₃ L] ⁺ Complex. <i>Journal of Physical Chemistry A</i> , 2004, 108, 9037-9047.	2.5	29
11	Photocontrol of Cation Complexation with a Benzothiazolium Styryl Azacrown Ether Dye: Spectroscopic Studies on Picosecond and Kilosecond Time Scales. <i>Journal of Physical Chemistry A</i> , 1997, 101, 4966-4972.	2.5	27
12	Effect of metal cations on the photochromic properties of spironaphthoxazines conjugated with aza-15(18)-crown-5(6) ethers. <i>New Journal of Chemistry</i> , 2002, 26, 1137-1145.	2.8	27
13	Molecular Design Parameters of Anthraquinone Dyes for Guest-Host Liquid-Crystal Applications: Experimental and Computational Studies of Spectroscopy, Structure, and Stability. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11151-11162.	3.1	24
14	Principal molecular axis and transition dipole moment orientations in liquid crystal systems: an assessment based on studies of guest anthraquinone dyes in a nematic host. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 813-827.	2.8	19
15	Semiempirical and Ab Initio Studies of the Structure and Spectroscopy of the Azo Dye Direct Blue 1: Comparison with Experiment. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10208-10218.	2.5	17
16	Revealing the chromophoric composition of multichromophoric polypyridyl complexes of Re(I) and Os(II): a resonance Raman study. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 434-442.	2.5	14
17	Direct Observation of Photocontrolled Ion Release: A Nanosecond Time-Resolved Spectroscopic Study of a Benzothiazolium Styryl Azacrown Ether Dye Complexed with Barium. <i>Journal of Physical Chemistry A</i> , 1997, 101, 7371-7378.	2.5	13
18	Infrared and resonance Raman studies of metal cation sensors in which an azacrown ether is linked to (bpy)Re(CO) ₃ via an alkenyl or alkynyl spacer Electronic supplementary information available (ESI): synthesis and characterisation of L1b, L2b, 1b and 2b; colour figure of displacement vectors calculated for selected equivalent modes of L1b and L2b. See http://www.rsc.org/suppdata/cp/b4/b408338e/ . <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 4595.	2.8	13

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19	Experimental and molecular dynamics studies of anthraquinone dyes in a nematic liquid-crystal host: a rationale for observed alignment trends. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20651-20663.	2.8	12
20	Structure and Reactivity of Thiazolium Azo Dyes: UV-Visible, Resonance Raman, NMR, and Computational Studies of the Reaction Mechanism in Alkaline Solution. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1853-1871.	2.5	10
21	Shape segregation in molecular organisation: a combined X-ray scattering and molecular dynamics study of smectic liquid crystals. <i>Soft Matter</i> , 2019, 15, 7722-7732.	2.7	8
22	Photoswitching of Dihydroazulene Derivatives in Liquid-Crystalline Host Systems. <i>Chemistry - A European Journal</i> , 2017, 23, 5090-5103.	3.3	6
23	Engineering mesophase stability and structure <i>via</i> incorporation of cyclic terminal groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5934-5943.	5.5	4
24	Guest-host systems containing anthraquinone dyes with multiple visible transitions giving positive and negative dichroic order parameters: an assessment of principal molecular axes and computational methods. <i>Liquid Crystals</i> , 0, , 1-17.	2.2	2