

Mark F Wyatt

List of Publications by Year in descending order

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27
papers

1,141
citations

516710

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526287

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docs citations

28
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between molecular properties and degradation mechanisms of organic solar cells based on bis-adducts of phenyl-C ₆₁ butyric acid methyl ester. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7875-7885.	5.5	2
2	Visualizing Cholesterol in the Brain by On-Tissue Derivatization and Quantitative Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2021, 93, 4932-4943.	6.5	38
3	Toward Improved Environmental Stability of Polymer:Fullerene and Polymer:Nonfullerene Organic Solar Cells: A Common Energetic Origin of Light- and Oxygen-Induced Degradation. <i>ACS Energy Letters</i> , 2019, 4, 846-852.	17.4	71
4	Twist and Degradation: Impact of Molecular Structure on the Photostability of Nonfullerene Acceptors and Their Photovoltaic Blends. <i>Advanced Energy Materials</i> , 2019, 9, 1803755.	19.5	95
5	The role of fullerenes in the environmental stability of polymer:fullerene solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 417-428.	30.8	117
6	A ruthenium bis(phosphinophosphinine) complex as a precatalyst for transfer-hydrogenation and hydrogen-borrowing reactions. <i>Dalton Transactions</i> , 2017, 46, 6172-6176.	3.3	35
7	An Efficient, Air-Free Organic Solar Cell Employing a Nonfullerene Electron Acceptor. <i>Advanced Materials</i> , 2017, 29, 1701156.	21.0	175
8	Epoxidation of strained alkenes catalysed by (1,2-dimethyl-4(1H)pyridinone-3-olate) ₂ Mn(III)Cl. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 376-390.	4.8	4
9	Novel soluble thieno[3,2-b]thiophene fused porphyrazine. <i>RSC Advances</i> , 2015, 5, 90645-90650.	3.6	3
10	Carbohydrate globules: molecular asterisk-cored dendrimers for carbohydrate presentation. <i>Polymer Chemistry</i> , 2014, 5, 1173-1179.	3.9	8
11	MALDI-TOFMS analysis of coordination and organometallic complexes: a niche area to work in. <i>Journal of Mass Spectrometry</i> , 2011, 46, 712-719.	1.6	28
12	Analysis of various organic and organometallic compounds using nanostructure-assisted laser desorption/ionization time-of-flight mass spectrometry (NALDI-TOFMS). <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1256-1259.	2.8	41
13	Accurate mass measurement by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. I. Measurement of positive radical ions using porphyrin standard reference materials. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1629-1635.	1.5	4
14	Accurate mass measurement by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. II. Measurement of negative radical ions using porphyrin and fullerene standard reference materials. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3052-3056.	1.5	1
15	The development of poly(dendrimer)s for advanced processing. <i>Polymer Chemistry</i> , 2010, 1, 730.	3.9	24
16	Analysis of large historical accurate mass data sets on sector mass spectrometers. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3484-3487.	1.5	5
17	Investigation of Solvent-Free MALDI-TOFMS Sample Preparation Methods for the Analysis of Organometallic and Coordination Compounds. <i>Analytical Chemistry</i> , 2009, 81, 543-550.	6.5	19
18	Analysis of transition metal acetylacetonate complexes by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 11-18.	1.5	26

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19	Synthesis of amphiphilic sulfonamide halogenated porphyrins: MALDI-TOFMS characterization and evaluation of 1-octanol/water partition coefficients. <i>Tetrahedron</i> , 2008, 64, 5132-5138.	1.9	45
20	Characterisation of organometallic and coordination compounds by solvent-free matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>Analyst, The</i> , 2008, 133, 47-48.	3.5	6
21	Indium Triflate Mediated Synthesis of meso-Substituted Porphyrins. <i>Synlett</i> , 2008, 2008, 1953-1956.	1.8	2
22	Design of Polymeric Stabilizers for Size-Controlled Synthesis of Monodisperse Gold Nanoparticles in Water. <i>Langmuir</i> , 2007, 23, 885-895.	3.5	158
23	Strategies for the analysis of poly(methacrylic acid) by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1507-1510.	2.8	14
24	Characterization of Various Analytes Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry and 2-[(2E)-3-(4-tert-Butylphenyl)-2-methylprop-2-enylidene]malononitrile Matrix. <i>Analytical Chemistry</i> , 2006, 78, 199-206.	6.5	63
25	Kinetics of Enzymatic Ring-Opening Polymerization of ϵ -Caprolactone in Supercritical Carbon Dioxide. <i>Macromolecules</i> , 2006, 39, 7967-7972.	4.8	83
26	One-Step Chemoenzymatic Synthesis of Poly(ϵ -caprolactone-block-methyl methacrylate) in Supercritical CO ₂ . <i>Macromolecules</i> , 2006, 39, 5352-5358.	4.8	65
27	Investigation into accurate mass capability of matrix-assisted laser desorption/ionization time-of-flight mass spectrometry, with respect to radical ion species. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 672-675.	2.8	9