

Matthew W Forbes

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,021
citations

566801

15
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Site-Specific Conjugation of Metal-Chelating Polymers to Anti-Frizzled-2 Antibodies via Microbial Transglutaminase. <i>Biomacromolecules</i> , 2021, 22, 2491-2504. | 2.6 | 0 |
| 2 | Scratching the Surface (Modification): Developing a Quantitative Liquid Chromatography–Tandem Mass Spectrometry Method for the Investigation of PEGylated and Non-PEGylated Lipid Mixtures on Lipid-Coated Lanthanide Nanoparticles. <i>Langmuir</i> , 2021, 37, 14605-14613. | 1.6 | 3 |
| 3 | Isolation of Living Conjugated Polymer Chains. <i>Journal of the American Chemical Society</i> , 2020, 142, 11244-11251. | 6.6 | 22 |
| 4 | Reaction of Condensed-Phase Criegee Intermediates with Carboxylic Acids and Perfluoroalkyl Carboxylic Acids. <i>Environmental Science and Technology Letters</i> , 2019, 6, 243-250. | 3.9 | 27 |
| 5 | Epoxide formation from heterogeneous oxidation of benzo[a]pyrene with gas-phase ozone and indoor air. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1292-1299. | 1.7 | 18 |
| 6 | Rapid Oxidation of Skin Oil by Ozone. <i>Environmental Science and Technology Letters</i> , 2016, 3, 170-174. | 3.9 | 66 |
| 7 | Kinetics and Products from Heterogeneous Oxidation of Squalene with Ozone. <i>Environmental Science & Technology</i> , 2016, 50, 11688-11697. | 4.6 | 80 |
| 8 | Optimizing the Photocontrol of bZIP Coiled Coils with Azobenzene Crosslinkers: Role of the Crosslinking Site. <i>ChemBioChem</i> , 2015, 16, 1757-1763. | 1.3 | 24 |
| 9 | Twisted amide electrophiles enable cyclic peptide sequencing. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7384-7388. | 1.5 | 9 |
| 10 | Application of Direct Analysis in Real Time-Mass Spectrometry (DART-MS) to the Study of Gas–Surface Heterogeneous Reactions: Focus on Ozone and PAHs. <i>Analytical Chemistry</i> , 2015, 87, 4733-4740. | 3.2 | 43 |
| 11 | Ligand-based molecular recognition and dioxygen splitting: an endo epoxide ending. <i>Dalton Transactions</i> , 2014, 43, 4137-4145. | 1.6 | 4 |
| 12 | Synthesis and Spectral Electrochemical Properties of a Symmetrical Tin-Bridged [3.3]Ferrocenophane. <i>Organometallics</i> , 2013, 32, 2893-2901. | 1.1 | 8 |
| 13 | Photofragmentation of and electron photodetachment from a GFP model chromophore in a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 2011, 308, 155-166. | 0.7 | 41 |
| 14 | Gas-Phase Fluorescence Excitation and Emission Spectroscopy of Three Xanthene Dyes (Rhodamine 575,) <i>Tj ETQq0 0 0 rgBT /Overlock 1</i> <i>American Society for Mass Spectrometry</i> , 2011, 22, 93-109. | 1.2 | 71 |
| 15 | Gas-phase fluorescence excitation and emission spectroscopy of mass-selected trapped molecular ions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2590. | 1.3 | 75 |
| 16 | Deactivation Pathways of an Isolated Green Fluorescent Protein Model Chromophore Studied by Electronic Action Spectroscopy. <i>Journal of the American Chemical Society</i> , 2009, 131, 17038-17039. | 6.6 | 127 |
| 17 | Infrared Spectroscopy of Cationized Lysine and μ -N-methyllysine in the Gas Phase: Effects of Alkali-Metal Ion Size and Proton Affinity on Zwitterion Stability. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7753-7760. | 1.1 | 108 |
| 18 | Infrared Spectroscopy of Arginine Cation Complexes: Direct Observation of Gas-Phase Zwitterions. <i>Journal of Physical Chemistry A</i> , 2007, 111, 11759-11770. | 1.1 | 171 |

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|----|--|-----|-----------|
| 19 | Fragmentation of protonated dipeptides containing arginine. Effect of activation method. Journal of the American Society for Mass Spectrometry, 2007, 18, 1959-1966. | 1.2 | 21 |
| 20 | A comparison of data analysis methods for determining gas phase stabilities by cid: Alkali metal complexes of polyether ionophore antibiotics. Journal of the American Society for Mass Spectrometry, 2005, 16, 779-791. | 1.2 | 32 |
| 21 | Periodicity in collision-induced and remote-bond activation of alkali metal ions attached to polyether ionophores. Analyst, The, 2005, 130, 508. | 1.7 | 15 |
| 22 | Simulation of ion trajectories in a quadrupole ion trap: a comparison of three simulation programs. , 1999, 34, 1219-1239. | | 56 |