

Thomas J Manning

List of Publications by Year in descending order

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55
papers

477
citations

759233

12
h-index

839539

18
g-index

56
all docs

56
docs citations

56
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Inductively Coupled Plasma - Atomic Emission Spectrometry. <i>The Chemical Educator</i> , 1997, 2, 1-19.	0.0	86
2	Aggregation studies of humic acid using multiangle laser light scattering. <i>Science of the Total Environment</i> , 2000, 257, 171-176.	8.0	32
3	Synthesis of exfoliated graphite from fluorinated graphite using an atmospheric-pressure argon plasma. <i>Carbon</i> , 1999, 37, 1159-1164.	10.3	31
4	The copper (II) ion as a carrier for the antibiotic capreomycin against <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 976-982.	2.2	22
5	Iron Chelators in Medicinal Applications - Chemical Equilibrium Considerations in Pharmaceutical Activity. <i>Current Medicinal Chemistry</i> , 2009, 16, 2416-2429.	2.4	21
6	Observation of line shifts and line profiles in an inductively coupled argon plasma. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1990, 45, 1031-1042.	2.9	18
7	Identifying bryostatins and potential precursors from the bryozoan <i>Bugula neritina</i> . <i>Natural Product Research</i> , 2005, 19, 467-491.	1.8	17
8	Gas Mixtures and Ozone Production in an Electrical Discharge. <i>Ozone: Science and Engineering</i> , 2001, 23, 95-103.	2.5	16
9	Production of Fullerenes by Microwave Synthesis. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012, 20, 99-108.	2.1	15
10	High-Resolution Fourier transform spectrometer to identify the rotational structure of the B ² .SIGMA.u+X ² .SIGMA.g+ transition of N ₂ ⁺ (0,0) in a helium inductively coupled plasma. <i>Analytical Chemistry</i> , 1989, 61, 1052-1056.	6.5	13
11	Impact of environmental conditions on the marine natural product bryostatin 1. <i>Natural Product Research</i> , 2006, 20, 611-628.	1.8	13
12	Pharmacokinetic studies of a three-component complex that repurposes the front line antibiotic isoniazid against <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2017, 107, 149-155.	1.9	12
13	Taxol: Efficacy Against Oral Squamous Cell Carcinoma. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 509-521.	2.4	11
14	Development of a three component complex to increase isoniazid efficacy against isoniazid resistant and nonresistant <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4621-4627.	2.2	10
15	Structural measurements and cell line studies of the copper(II)-PEG-Rifampicin complex against <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 451-458.	2.2	10
16	Structural and some medicinal characteristics of the copper(II)-hydroxychloroquine complex. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4453-4458.	2.2	9
17	Copper ion as a delivery platform for taxanes and taxane complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 371-377.	2.2	9
18	A Nonflowing, Variable-Gas Inductively Coupled Plasma as a Light Source for High-Resolution Spectroscopy. <i>Applied Spectroscopy</i> , 1990, 44, 156-158.	2.2	8

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19	Naturally occurring organic matter as a chemical trap to scan an ecosystem for natural products. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 861-866.	3.3	7
20	Computational studies of Fe(III) binding to bryostatins, bryostatin analogs, siderophores and marine natural products: arguments for ferric complexes in medicinal applications. <i>Natural Product Research</i> , 2008, 22, 399-413.	1.8	7
21	COMPUTATIONAL AND CELL LINE STUDIES OF THE IRON-TAXOL COMPLEX: IMPROVING STABILITY AND WATER SOLUBILITY. <i>Technology and Innovation</i> , 2010, 12, 153-169.	0.2	7
22	Structural measurements and cell line studies of the copper-PEG-Amikacin complex against <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5825-5830.	2.2	7
23	Isolation, analytical measurements, and cell line studies of the iron-bryostatin-1 complex. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2489-2497.	2.2	7
24	Approximating the Electrostatic Contribution to the Entropy Change of Aqueous Phase Lanthanide-Aminocarboxylate Complexation. <i>Journal of Chemical Education</i> , 1996, 73, 661.	2.3	6
25	Cell line studies and analytical measurements of three paclitaxel complex variations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2793-2799.	2.2	6
26	Vaporization, bioactive formulations and a marine natural product: different perspectives on antivirals. <i>Drug Discovery Today</i> , 2020, 25, 956-958.	6.4	6
27	Generation of a Low Flow Atmospheric Pressure Neon ICP. <i>Spectroscopy Letters</i> , 1989, 22, 341-344.	1.0	5
28	Protonation Sequence Study of the Solution Structure of DTPA by ¹ H NMR. <i>Spectroscopy Letters</i> , 1995, 28, 291-300.	1.0	5
29	Ozone Decomposition Data for Kinetics Exercises. <i>The Chemical Educator</i> , 2002, 7, 278-283.	0.0	5
30	Impact on the photothermal emission from single wall nanotubes by some alkali halide salts. <i>Carbon</i> , 2003, 41, 2813-2818.	10.3	5
31	Extensive Ozonation of C60: Degradation or Polymerization?. <i>Ozone: Science and Engineering</i> , 2006, 28, 177-180.	2.5	5
32	ET743: Chemical analysis of the sea squirt <i>Ecteinascidia turbinata</i> ecosystem. <i>Natural Product Research</i> , 2006, 20, 461-473.	1.8	5
33	Iron Complexation to Oxygen Rich Marine Natural Products: A Computational Study. <i>Marine Drugs</i> , 2010, 8, 1-23.	4.6	5
34	Naturally occurring esterification reactions with bryostatin. <i>Natural Product Research</i> , 2008, 22, 865-878.	1.8	4
35	Hemoglobin aggregates studied under static and dynamic conditions involving the formation of nanobacteria-like structures. <i>Acta Pharmaceutica</i> , 2012, 62, 201-209.	2.0	4
36	A Copper ¹⁰ -Paclitaxel crystal; a medically active drug delivery platform. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3409-3417.	2.2	4

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37	A variable bandpass filter for ultraviolet/visible Fourier transform spectroscopy. <i>Review of Scientific Instruments</i> , 1990, 61, 1554-1556.	1.3	3
38	Proton Magnetic Resonance Studies of Methionine Enkephalin. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 796-800.	2.1	3
39	Determination of the Protonation Constants of Gadolinium(III) Diethyltriaminepentaacetic Acid by Solvent Extraction and Icp-Aes. <i>Spectroscopy Letters</i> , 1999, 32, 463-467.	1.0	3
40	Optimization of Solvent Composition for Extraction of Multi-Polarity Molecules. <i>Separation Science and Technology</i> , 2006, 41, 3349-3366.	2.5	3
41	Should ethanol be considered a treatment for COVID-19?. <i>Revista Da Associação MÃ©dica Brasileira</i> , 2020, 66, 1169-1171.	0.7	3
42	Exfoliated graphite and ozonated single-wall carbon nanotubes for encapsulation of the single-molecule magnet Mn ₁₂ . <i>Carbon</i> , 2004, 42, 199-203.	10.3	2
43	Influence of Ozone on the Oxidation of Flowable Dental Compomer Restorative Material. <i>Ozone: Science and Engineering</i> , 2005, 27, 219-223.	2.5	2
44	Introducing Intellectual Property in an Undergraduate Chemistry Curriculum. <i>The Chemical Educator</i> , 2001, 6, 333-342.	0.0	1
45	Miller-Urey Revisited: When Lightning Strikes the Earth. <i>The Chemical Educator</i> , 2002, 7, 149-154.	0.0	1
46	Comparison of Diatoms, Exfoliated Graphite, Single-Wall Nanotubes, Multiwall Nanotubes, and Silica for the Synthesis of the Nanomagnet Mn ₁₂ . <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 167-174.	0.9	1
47	DEVELOPMENT OF A GREEN TECHNOLOGY APPROACH TO MARINE NATURAL PRODUCTS SYNTHESIS: MINERAL-BASED MICROBIAL AMPLIFICATION SYSTEM TO MAKE BRYOSTATINS. <i>Technology and Innovation</i> , 2010, 12, 171-185.	0.2	1
48	Nomenclature System for Planar, Spherical and Tubular Chemical Structures. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013, 21, 1-11.	2.1	1
49	Resolution and Signal to Noise Ratios in Fourier Transform Spectroscopy. <i>Analytical Letters</i> , 1996, 29, 2001-2006.	1.8	0
50	A Wavenumber, Intensity, and Resolution Standard for High Resolution Ultraviolet/Visible Fourier Transform Spectroscopy. <i>Spectroscopy Letters</i> , 1996, 29, 959-965.	1.0	0
51	Visualization of Using Hyperfine Structure To Calculate Nuclear Spin: A Spectroscopy Exercise. <i>The Chemical Educator</i> , 1997, 2, 1-9.	0.0	0
52	Nanostructures in Physical Materials Chemistry: An Exploratory Laboratory. <i>The Chemical Educator</i> , 2001, 6, 238-246.	0.0	0
53	An Introduction to the Journal of Nano Education's Special Issue Commemorating the 10th Anniversary of the NSF NUE Program: A Story of the NUE Program's Impact at Valdosta State University. <i>Journal of Nano Education (Print)</i> , 2013, 5, 1-4.	0.3	0
54	Teaching at the Peer Review Level: A Ten Year Foray at Incorporating Nanotechnology into an Undergraduate Curriculum. <i>Journal of Nano Education (Print)</i> , 2013, 5, 5-16.	0.3	0

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55	Nano and Molecular Cryptology: Hiding Information in Molecules and Nanostructures. Journal of Nano Education (Print), 2013, 5, 93-108.	0.3	0