

# Matthew J Vergne

## List of Publications by Year in descending order

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25  
papers

989  
citations

516710

16  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combinations of Microphase Separation and Terminal Multiple Hydrogen Bonding in Novel Macromolecules. <i>Journal of the American Chemical Society</i> , 2002, 124, 8599-8604.	13.7	147
2	Surface functionalization and characterization of graphitic carbon nanofibers (GCNFs). <i>Carbon</i> , 2005, 43, 2883-2893.	10.3	139
3	UV-C irradiation as an alternative disinfection technique: Study of its effect on polyphenols and antioxidant activity of apple juice. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 34, 344-351.	5.6	80
4	Polyamide Pseudorotaxanes, Rotaxanes, and Catenanes Based on Bis(5-carboxy-1,3-phenylene)-(3x+2)-crown-xEthers. <i>Macromolecules</i> , 2004, 37, 7514-7529.	4.8	68
5	MALDI-TOF/TOF CID Study of Polystyrene Fragmentation Reactions. <i>Macromolecules</i> , 2007, 40, 7493-7504.	4.8	54
6	Escape the (Remote) Classroom: An Online Escape Room for Remote Learning. <i>Journal of Chemical Education</i> , 2020, 97, 2845-2848.	2.3	54
7	Syntheses and Model Complexation Studies of Well-Defined Crown Terminated Polymers. <i>Macromolecules</i> , 2005, 38, 2626-2637.	4.8	50
8	Supramacromolecular self-assembly: Chain extension, star and block polymers via pseudorotaxane formation from well-defined end-functionalized polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3518-3543.	2.3	47
9	Escape the Lab: An Interactive Escape-Room Game as a Laboratory Experiment. <i>Journal of Chemical Education</i> , 2019, 96, 985-991.	2.3	43
10	Cleavage of Peptides and Proteins Using Light-Generated Radicals from Titanium Dioxide. <i>Analytical Chemistry</i> , 2007, 79, 1327-1332.	6.5	41
11	Role of Cytochrome P450 Enzymes in the Metabolic Activation of Tyrosine Kinase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2367.	4.1	36
12	Effect of UV irradiation on aflatoxin reduction: a cytotoxicity evaluation study using human hepatoma cell line. <i>Mycotoxin Research</i> , 2017, 33, 343-350.	2.3	33
13	Impact of UV-C irradiation on the quality, safety, and cytotoxicity of cranberry-flavored water using a novel continuous flow UV system. <i>LWT - Food Science and Technology</i> , 2018, 95, 230-239.	5.2	33
14	A Developmental History of Polymer Mass Spectrometry. <i>Journal of Chemical Education</i> , 2007, 84, 81.	2.3	21
15	Performance of a UV-A LED system for degradation of aflatoxins B1 and M1 in pure water: kinetics and cytotoxicity study. <i>Scientific Reports</i> , 2020, 10, 13473.	3.3	21
16	What Is in Your Wallet? Quantitation of Drugs of Abuse on Paper Currency with a Rapid LC-MS/MS Method. <i>Journal of Chemical Education</i> , 2017, 94, 1522-1526.	2.3	19
17	Synthesis and characterization of a pegylated derivative of 3-(1,2,3,6-tetrahydro-pyridin-4yl)-1H-indole (IDT199): A high affinity SERT ligand for conjugation to quantum dots. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5656-5660.	2.2	17
18	MALDI-TOF/TOF CID study of poly( $\beta$ -methylstyrene) fragmentation reactions. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 627-642.	3.7	16

#	ARTICLE	IF	CITATIONS
19	MALDI-TOF/TOF CID study of 4-alkyl-substituted polystyrene fragmentation reactions. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 609-626.	3.7	15
20	Preparation of Pt-Re/Vulcan Carbon Nanocomposites Using a Single-Source Molecular Precursor and Relative Performance as a Direct Methanol Fuel Cell Electrooxidation Catalyst. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 809-816.	0.9	12
21	UV-irradiation on the Quality of Green Tea: Effect on Catechins, Antioxidant Activity, and Cytotoxicity. <i>Journal of Food Science</i> , 2018, 83, 1258-1264.	3.1	12
22	Synthesis and Mass Spectral Characterization of Poly(amic methyl ester) Oligomers. <i>Macromolecules</i> , 2006, 39, 6928-6935.	4.8	9
23	Interindividual Variability in Cytochrome P450 3A and 1A Activity Influences Sunitinib Metabolism and Bioactivation. <i>Chemical Research in Toxicology</i> , 2022, 35, 792-806.	3.3	8
24	Crime Scene Investigation: Simulated Post-mortem LC-MS/MS Analysis of Cocaine and Cocaine Metabolites in Synthetic Human Serum. <i>Journal of Chemical Education</i> , 2021, 98, 3567-3571.	2.3	7
25	Evaluation of Ultraviolet-Light (UV-A) Emitting Diodes Technology on the Reduction of Spiked Aflatoxin B1 and Aflatoxin M1 in Whole Milk. <i>Food and Bioprocess Technology</i> , 2022, 15, 165.	4.7	7