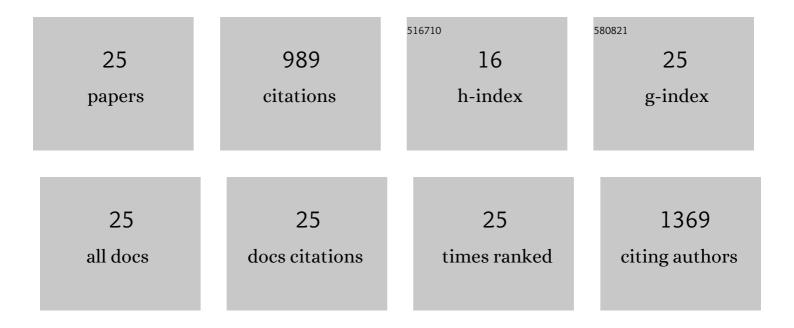
Matthew J Vergne

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Combinations of Microphase Separation and Terminal Multiple Hydrogen Bonding in Novel Macromolecules. Journal of the American Chemical Society, 2002, 124, 8599-8604.	13.7	147
2	Surface functionalization and characterization of graphitic carbon nanofibers (GCNFs). Carbon, 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. Innovative Food Science and Emerging Technologies, 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. Macromolecules, 2004, 37, 7514-7529.	4.8	68
5	MALDI-TOF/TOF CID Study of Polystyrene Fragmentation Reactions. Macromolecules, 2007, 40, 7493-7504.	4.8	54
6	Escape the (Remote) Classroom: An Online Escape Room for Remote Learning. Journal of Chemical Education, 2020, 97, 2845-2848.	2.3	54
7	Syntheses and Model Complexation Studies of Well-Defined Crown Terminated Polymers. Macromolecules, 2005, 38, 2626-2637.	4.8	50
8	Supramacromolecular selfâ€assembly: Chain extension, star and block polymers via pseudorotaxane formation from wellâ€defined endâ€functionalized polymers. Journal of Polymer Science Part A, 2009, 47, 3518-3543.	2.3	47
9	Escape the Lab: An Interactive Escape-Room Game as a Laboratory Experiment. Journal of Chemical Education, 2019, 96, 985-991.	2.3	43
10	Cleavage of Peptides and Proteins Using Light-Generated Radicals from Titanium Dioxide. Analytical Chemistry, 2007, 79, 1327-1332.	6.5	41
11	Role of Cytochrome P450 Enzymes in the Metabolic Activation of Tyrosine Kinase Inhibitors. International Journal of Molecular Sciences, 2018, 19, 2367.	4.1	36
12	Effect of UV irradiation on aflatoxin reduction: a cytotoxicity evaluation study using human hepatoma cell line. Mycotoxin Research, 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. LWT - Food Science and Technology, 2018, 95, 230-239.	5.2	33
14	A Developmental History of Polymer Mass Spectrometry. Journal of Chemical Education, 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. Scientific Reports, 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. Journal of Chemical Education, 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. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5656-5660.	2.2	17
18	MALDI-TOF/TOF CID study of poly(α-methylstyrene) fragmentation reactions. Analytical and Bioanalytical Chemistry, 2008, 392, 627-642.	3.7	16

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#	Article	IF	CITATIONS
19	MALDI-TOF/TOF CID study of 4-alkyl-substituted polystyrene fragmentation reactions. Analytical and Bioanalytical Chemistry, 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. Journal of Nanoscience and Nanotechnology, 2004, 4, 809-816.	0.9	12
21	UV Irradiation on the Quality of Green Tea: Effect on Catechins, Antioxidant Activity, and Cytotoxicity. Journal of Food Science, 2018, 83, 1258-1264.	3.1	12
22	Synthesis and Mass Spectral Characterization of Poly(amic methyl ester) Oligomers. Macromolecules, 2006, 39, 6928-6935.	4.8	9
23	Interindividual Variability in Cytochrome P450 3A and 1A Activity Influences Sunitinib Metabolism and Bioactivation. Chemical Research in Toxicology, 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. Journal of Chemical Education, 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. Food and Bioprocess Technology, 2022, 15, 165.	4.7	7