Andres Moreno Moreno

List of Publications by Year
in descending order

83	3,885	159585 30	123424 61
papers	citations	h-index	g-index

96	96	96	4897
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein complex nanoparticles reinforced with industrial hemp essential oil: Characterization and application for shelf-life extension of Rainbow trout fillets. Food Chemistry: X, 2022, 13, 100202.	4.3	17
2	Bioactive Peptide Fractions from Collagen Hydrolysate of Common Carp Fish Byproduct: Antioxidant and Functional Properties. Antioxidants, 2022, 11, 509.	5.1	28
3	Almond hull biomass: Preliminary characterization and development of two alternative valorization routes by applying innovative and sustainable technologies. Industrial Crops and Products, 2022, 179, 114697.	5.2	24
4	Nanoencapsulation of essential oils from industrial hemp (Cannabis sativa L.) by-products into alfalfa protein nanoparticles. Food Chemistry, 2022, 386, 132765.	8.2	13
5	Table Olive Wastewater as a Potential Source of Biophenols for Valorization: A Mini Review. Fermentation, 2022, 8, 215.	3.0	5
6	Sustainable and non-conventional protocols for the three-way valorisation of lignin from grape stalks. Chemical Engineering and Processing: Process Intensification, 2022, 178, 109027.	3.6	13
7	Effect of Antimicrobial and Antioxidant Rich Pomegranate Peel Based Edible Coatings on Quality and Functional Properties of Chicken Nuggets. Molecules, 2022, 27, 4500.	3.8	12
8	Alginate/Fish Gelatin-Encapsulated Lactobacillus acidophilus: A Study on Viability and Technological Quality of Bread during Baking and Storage. Foods, 2021, 10, 2215.	4.3	32
9	Valorization of Wastewater from Table Olives: NMR Identification of Antioxidant Phenolic Fraction and Microwave Single-Phase Reaction of Sugary Fraction. Antioxidants, 2021, 10, 1652.	5.1	6
10	Application of Cornelian Cherry (Cornus mas L.) Peel in Probiotic Ice Cream: Functionality and Viability during Storage. Antioxidants, 2021, 10, 1777.	5.1	16
11	Sustainable Production of Solid Biofuels and Biomaterials by Microwave-Assisted, Hydrothermal Carbonization (MA-HTC) of Brewersâ€™ Spent Grain (BSG). ACS Sustainable Chemistry and Engineering, 2020, 8, 18982-18991.	6.7	19
12	Analysis and optimisation of a novel â€œbio-breweryâ€•approach: Production of bio-fuels and bio-chemicals by microwave-assisted, hydrothermal liquefaction of brewersâ€™ spent grains. Energy Conversion and Management, 2019, 185, 410-430.	9.2	29
13	Application of non-invasive technologies in dry-cured ham: An overview. Trends in Food Science and Technology, 2019, 86, 360-374.	15.1	46
14	Microwave heating for the catalytic conversion of melon rind waste into biofuel precursors. Journal of Cleaner Production, 2016, 138, 59-69.	9.3	43
15	Acid-free microwave-assisted hydrothermal extraction of pectin and porous cellulose from mango peel waste â€“ towards a zero waste mango biorefinery. Green Chemistry, 2016, 18, 5280-5287.	9.0	64
16	Aportaciones a la historia de la meteorologÃa a travÃ©s de los estudios ambientales de las asociaciones cientÃficas de la ciudad de MÃ©xico, 1857-1910. Letras HistÃ³ricas, 2016, 15, 99-121.	0.0	1
17	Integrated Metabolomics, Transcriptomics and Proteomics Identifies Metabolic Pathways Affected by Anaplasma phagocytophilum Infection in Tick Cells*. Molecular and Cellular Proteomics, 2015, 14, 3154-3172.	3.8	135
18	Study by 31P NMR spectroscopy of the triacylglycerol degradation processes in olive oil with different heat-transfer mechanisms. Food Chemistry, 2014, 165, 21-28.	8.2	33

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19	Sinapis alba seed as a prospective biodiesel source. Biomass and Bioenergy, 2013, 51, 83-90.	5.7	35
20	Continuous-Flow Microliter Microwave Irradiation in the Synthesis of Isoxazole Derivatives: An Optimization Procedure. Synthesis, 2012, 44, 2527-2530.	2.3	17
21	Sustainable and efficient methodology for CLA synthesis and identification. Green Chemistry, 2012, 14, 2584.	9.0	18
22	Rapid quantitative determination by 13C NMR of the composition of acetylglycerol mixtures as byproduct in biodiesel synthesis. Fuel, 2012, 92, 180-186.	6.4	24
23	Study of the Proteolytic and Lipolytic Processes in Manchego Cheese by NMR. Special Publication - Royal Society of Chemistry, 2011, , 54-59.	0.0	0
24	Comparative Study of the Thermal and Microwave Oxidation in olive oil. 31P-NMR Quantitative Determination of 1,2 and 1,3-Diglycerides and Other Minor Compounds.. Special Publication - Royal Society of Chemistry, 2011, , 100-104.	0.0	1
25	Quality Markers of Red Wines from Spanish Region of Castilla-La Mancha using Nuclear Magnetic Resonance.. Special Publication - Royal Society of Chemistry, 2011, , 60-66.	0.0	0
26	Microwave-assisted synthesis of pyrazolyl bistriazines. Tetrahedron, 2010, 66, 121-127.	1.9	10
27	On-line monitoring of a microwave-assisted chemical reaction by nanolitre NMR-spectroscopy. Chemical Communications, 2010, 46, 4514.	4.1	46
28	Microwave-Controlled Preparation of Alkenyl-(1H)-1,2,4-triazoles: First Heck Reaction on a (1H)-1,2,4-Triazole Moiety. Australian Journal of Chemistry, 2009, 62, 1600.	0.9	3
29	Microwave-assisted reactions of nitroheterocycles with dienes. Dielsâ€“Alder and tandem hetero Dielsâ€“Alder/[3,3] sigmatropic shift. Tetrahedron, 2009, 65, 5328-5336.	1.9	53
30	Synergy between microwave irradiation and heterogeneous catalysis in an environmentally friendly self-condensation of hydroxybenzene derivatives. Arkivoc, 2009, 2010, 264-273.	0.5	0
31	Selectivity under microwave irradiation. Benzylation of 2-pyridone: an experimental and theoretical study. Tetrahedron, 2008, 64, 8169-8176.	1.9	24
32	Microwave-Assisted Reactions in Heterocyclic Compounds with Applications in Medicinal and Supramolecular Chemistry. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 877-902.	1.1	47
33	Green and chemoselective oxidation of sulfides with sodium perborate and sodium percarbonate: nucleophilic and electrophilic character of the oxidation system. Green Chemistry, 2007, 9, 331-336.	9.0	70
34	Synthesis and Photoinduced Intramolecular Processes of Fulleropyrrolidineâ€“Oligothienylenevinyleneâ€“Ferrocene Triads. Chemistry - A European Journal, 2007, 13, 3924-3933.	3.3	33
35	Microwave-assisted synthesis of bipyrazolyls and pyrazolyl-substituted pyrimidines. Tetrahedron, 2007, 63, 748-753.	1.9	11
36	Review on Non-Thermal Effects of Microwave Irradiation in Organic Synthesis. Journal of Microwave Power and Electromagnetic Energy, 2006, 41, 45-66.	0.8	35

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37	Microwave assisted synthesis and crystal structures of 2-imidazolines and imidazoles. Tetrahedron, 2006, 62, 5868-5874.	1.9	40
38	Recyclable supported catalysts in microwave-assisted reactions: first Dielsâ€“Alder cycloaddition of a triazole ring. Tetrahedron Letters, 2006, 47, 8761-8764.	1.4	27
39	Microwave Irradiation as an Efficient Tool for the Generation of N-Heterocyclico-Quinodimethanes: Synthesis of Polyheterocyclic Compounds by Diels-Alder Reactions. Synlett, 2006, 2006, 0579-0582.	1.8	8
40	Microwaves in organic synthesis. Thermal and non-thermal microwave effects. Chemical Society Reviews, 2005, 34, 164-178.	38.1	1,640
41	Green Synthesis and Self-Association of 2,4-Diamino-1,3,5-triazine Derivatives.. ChemInform, 2005, 36, no.	0.0	0
42	Microwaves in Organic Synthesis. Thermal and Non-Thermal Microwave Effects. ChemInform, 2005, 36, no.	0.0	2
43	Microwave-Assisted Synthesis and Dynamic Behaviour ofN2,N4,N6-Tris(1H-pyrazolyl)-1,3,5-triazine-2,4,6-triamines. QSAR and Combinatorial Science, 2005, 24, 649-659.	1.4	21
44	An Efficient One-Pot Synthesis of Phenol Derivatives by Ring Opening and Rearrangement of Diels-Alder Cycloadducts of Substituted Furans Using Heterogeneous Catalysis and Microwave Irradiation. Synlett, 2004, 2004, 1259-1263.	1.8	18
45	An Efficient One-Pot Synthesis of Phenol Derivatives by Ring Opening and Rearrangement of Dielsâ€"Alder Cycloadducts of Substituted Furans Using Heterogeneous Catalysis and Microwave Irradiation.. ChemInform, 2004, 35, no.	0.0	0
46	Selectivity in Organic Synthesis under Microwave Irradiation. ChemInform, 2004, 35, no.	0.0	0
47	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. New Journal of Chemistry, 2004, 28, 952-958.	2.8	57
48	Microwave-Enhanced Reactivity of Non-Activated Dienophiles Towards Pyrazine o-Quinodimethanes.. ChemInform, 2003, 34, no.	0.0	0
49	Synthesis, structural determination and dynamic behavior of 2-chloro-4,6-bis(pyrazolylamino)-1,3,5-triazines. Organic and Biomolecular Chemistry, 2003, 1, 4451-4457.	2.8	35
50	Microwave-Enhanced Reactivity of Non-Activated Dienophiles Towards Pyrazineo-Quinodimethanes. Synlett, 2002, 2002, 2037-2038.	1.8	10
51	Synthesis of 1,3,5-triazines in solvent-free conditions catalysed by silica-supported lewis acids. Green Chemistry, 2002, 4, 339-343.	9.0	50
52	Solvent-free synthesis and structural characterization of azolyl-substituted pyrimidines. New Journal of Chemistry, 2002, 26, 926-932.	2.8	8
53	Theoretical study on the reaction between 4,6-dimethyl-1,2,3-triazine and enamines. Perkin Transactions II RSC, 2002, , 1257-1263.	1.1	6
54	Solvent-free preparation of tris-pyrazolyl-1,3,5-triazines. Tetrahedron, 2001, 57, 4397-4403.	1.9	45

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55	Preparation of Î±- and Î²-substituted alanine derivatives by Î±-amidoalkylation or Michael addition reactions under heterogeneous catalysis assisted by microwave irradiation. Tetrahedron, 2001, 57, 5421-5428.	1.9	36
56	10-Helical conformations in oxetane Î²-amino acid hexamers. Tetrahedron Letters, 2001, 42, 4251-4255.	1.4	115
57	Tandem Dielsâ^'Alder Aromatization Reactions of Furans under Unconventional Reaction Conditions â^' Experimental and Theoretical Studies. European Journal of Organic Chemistry, 2001, 2001, 2891.	2.4	32
58	A complete model for the prediction of 1H- and 13C-NMR chemical shifts and torsional angles in phenyl-substituted pyrazoles. Tetrahedron, 2001, 57, 4179-4187.	1.9	12
59	Diels-Alder Cycloaddition of 4,6-Dimethyl-1,2,3-triazine with Enamines, or their Precursors, under Microwave Irradiation. Synlett, 2001, 2001, 0236-0237.	1.8	13
60	Synergy between Heterogeneous Catalysis and Microwave Irradiation in an Efficient One-Pot Synthesis of Benzene Derivatives via Ring-Opening of Diels-Alder Cycloadducts of Substituted Furans. Synlett, 2001, 2001, 0753-0756.	1.8	18
61	Microwave-assisted Cyclocondesation under Solvent-free Conditions: Quinoxaline-2,3-dione. Heterocycles, 2001, 55, 109.	0.7	9
62	Cycloadditions under Microwave Irradiation Conditions: Methods and Applications. European Journal of Organic Chemistry, 2000, 2000, 3659-3673.	2.4	160
63	Synthesis of Pyrazolo[3,4-b]pyridines by Cycloaddition Reactions under Microwave Irradiation. Tetrahedron, 2000, 56, 1569-1577.	1.9	64
64	Tetrahydrofuran amino acids: Secondary structure in tetrameric and octameric carbopeptoids derived from a D-allo 5-(aminomethyl)tetrahydrofuran-2-carboxylic acid. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3666-3679.	1.3	52
65	Use of Microwave Irradiation and Solid Acid Catalysts in an Enhanced and Environmentally Friendly Synthesis of Coumarin Derivatives. Synlett, 1999, 1999, 608-610.	1.8	68
66	The effect of focused microwaves on the reaction of ethyl N-trichloroethylidenecarbamate with pyrazole derivatives. Tetrahedron, 1999, 55, 9623-9630.	1.9	21
67	Efficient tautomerization hydrazone-azomethine imine under microwave irradiation. Synthesis of [4,3â€²] and [5,3â€²]bipyrazoles. Tetrahedron, 1998, 54, 13167-13180.	1.9	75
68	New functionalized bis(pyrazol-1-yl)methane ligands. Synthesis, spectroscopic characterization of early and late transition metal complexes containing a functionalized N,N or P,P-chelate bis(5-diphenylphosphinopyrazol-1-yl)methane ligand. Journal of the Chemical Society Dalton Transactions, 1998, , 3737-3744.	1.1	35
69	First Diels-Alder Reaction of Pyrazolyl Imines under Microwave Irradiation. Synlett, 1998, 1998, 1069-1070.	1.8	23
70	1,3-Dipolar Cycloaddition of Nitriles under Microwave Irradiation in Solvent-Free Conditions. Heterocycles, 1996, 43, 1021.	0.7	36
71	Transformations of isoxazolidine and dihydropyran derivatives to optically active compounds. Journal of the Chemical Society Perkin Transactions 1, 1996, , 259-263.	0.9	6
72	Diels-Alder cycloaddition of vinylpyrazoles. Synergy between microwave irradiation and solvent-free conditions. Tetrahedron, 1996, 52, 9237-9248.	1.9	32

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73	Determination of the Stereochemistry of Four Spirodiastereoisomers by One- and Two-Dimensional NOE Studies. Magnetic Resonance in Chemistry, 1996, 34, 52-58.	1.9	5
74	Facial Selectivity in Cycloadditions of a Chiral Ketene Acetal under Microwave Irradiation in Solvent-Free Conditions. Configurational Assignment of the Cycloadducts by NOESY Experiments and Molecular Mechanics Calculations. Journal of Organic Chemistry, 1995, 60, 4160-4166.	3.2	30
75	Reactivity of Bis(heteroaryl)methanes towards Double Electrophiles. Synthesis of Two New Trinuclear [5.6.5]- and [5.5.5]-heterocyclic Systems from Bis(pyrazol-1-yl)methane. Heterocycles, 1995, 41, 1779.	0.7	2
76	Alkylation of Ethyl Nitroacetate in the Absence of Solvent. Synthetic Communications, 1994, 24, 1817-1821.	2.1	8
77	Cycloadditions of ketene acetals under microwave irradiation in solvent-free conditions. Journal of the Chemical Society Perkin Transactions 1, 1994, , 3595-3598.	0.9	26
78	On the Selective Butylation of Acetophenone by Phase Transfer Catalysis in the Absence of Solvent. Synthetic Communications, 1993, 23, 875-883.	2.1	6
79	Synthesis of 4-alkylpyrazoles from 3,5-diaminopyrazoles. Journal of the Chemical Society Perkin Transactions 1, 1993, , 2229-2232.	0.9	9
80	Solidâ€“liquid phase-transfer catalysis without solvent: selective mono- and di-alkylation of benzyl methyl ketone. Journal of the Chemical Society Perkin Transactions 1, 1992, , 2427-2430.	0.9	12
81	Phase transfer catalysis without solvent. Synthesis of cycloalkane-1,1-dicarbonitriles and alkanetetracarbonitriles. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2593-2596.	0.9	10
82	Phase transfer catalysis without solvent: selective mono- or di-alkylation of malononitrile. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2589-2592.	0.9	38
83	Application of optimal design methodology to the phase transfer catalytic benzylation of malononitrile. Chemometrics and Intelligent Laboratory Systems, 1990, 9, 287-292.	3.5	2