

# Giancarlo Verardo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4198478/publications.pdf>

Version: 2024-02-01

91  
papers

1,431  
citations

361413

20  
h-index

395702

33  
g-index

98  
all docs

98  
docs citations

98  
times ranked

1759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclopentadienyl RuII Complexes as Highly Efficient Catalysts for the N-Methylation of Alkylamines by Methanol. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 524-529.	2.0	100
2	Rapid mixed mode solid phase extraction method for the determination of acrylamide in roasted coffee by HPLC-MS/MS. <i>Food Chemistry</i> , 2012, 135, 2687-2693.	8.2	87
3	Functionalised cis-Alkenes from the Stereoselective Decomposition of Diazo Compounds, Catalysed by [RuCl( <i>i</i> -5-C <sub>5</sub> H <sub>5</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2795-2801.	2.4	65
4	Formation of dehydrodiisoeugenol and dehydrodieugenol from the reaction of isoeugenol and eugenol with DPPH radical and their role in the radical scavenging activity. <i>Food Chemistry</i> , 2010, 118, 256-265.	8.2	62
5	Effect of vacuum roasting on acrylamide formation and reduction in coffee beans. <i>Food Chemistry</i> , 2014, 145, 168-172.	8.2	60
6	Analysis of underivatized oligosaccharides by liquid chromatography/electrospray ionization tandem mass spectrometry with post-column addition of formic acid. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1607-1618.	1.5	52
7	A thorough study of the surface wax of apple fruits. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 659-667.	3.7	50
8	Reductive N-Monoalkylation of Primary Aromatic Amines. <i>Synthesis</i> , 1993, 1993, 121-125.	2.3	44
9	Revisitation of Formaldehyde Aniline Condensation. VII. 1,3,5-Triarylhexahydro-sym-triazines and 1,3,5,7-Tetraaryl-1,3,5,7-tetrazocines from Aromatic Amines and Paraformaldehyde. <i>Journal für Praktische Chemie</i> , 1987, 329, 1087-1103.	0.2	39
10	Revisitation of Formaldehyde Aniline Condensation. I High Yield Synthesis of 1,3,5-Triphenylhexahydro-symtriazine and its X-Ray Crystal Structure Determination. <i>Journal für Praktische Chemie</i> , 1985, 327, 739-748.	0.2	38
11	Ketimines From Ketones and Ammonia. <i>Synthetic Communications</i> , 1988, 18, 1501-1511.	2.1	38
12	The reaction between acyl halides and alcohols: Alkyl halide vs. Ester formation. <i>Tetrahedron</i> , 1994, 50, 217-254.	1.9	33
13	Rapid determination of cholesterol oxidation products in milk powder based products by reversed phase SPE and HPLC-APCI-MS/MS. <i>Food Chemistry</i> , 2017, 230, 604-610.	8.2	32
14	Oxiranes from methylenation of the ester carbonyl group by diazomethane. <i>Journal of Organic Chemistry</i> , 1988, 53, 3321-3325.	3.2	30
15	Determination of phorbol esters in seeds and leaves of <i>Jatropha curcas</i> and in animal tissue by high-performance liquid chromatography tandem mass spectrometry. <i>Industrial Crops and Products</i> , 2014, 59, 268-276.	5.2	29
16	Sodium borohydride: A versatile reagent in the reductive N-monoalkylation of $\alpha$ -amino acids and $\alpha$ -amino methyl esters. <i>Canadian Journal of Chemistry</i> , 2002, 80, 779-788.	1.1	24
17	Active metals from potassium-graphite. Palladium-graphite-catalysed vinylic substitution reactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 541-542.	2.0	23
18	Aromatic tertiary amines and n-butyl nitrite. <i>Tetrahedron</i> , 1990, 46, 4303-4332.	1.9	23

#	ARTICLE	IF	CITATIONS
19	Active metals from potassium-graphite. Palladium-graphite as catalyst in the hydrogenation of nitro-compounds, alkenes, and alkynes. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 540-541.	2.0	22
20	Revisitation of Formaldehyde Aniline Condensation. VIII. Monomeric N-methylene anilines. <i>Journal für Praktische Chemie</i> , 1988, 330, 161-174.	0.2	20
21	Reductive One Batch Synthesis of N-Arylpiperidines From Primary Amines and Glutaraldehyde. <i>Synthesis</i> , 1991, 1991, 447-450.	2.3	20
22	New Heterocycles from the Reaction between Some Natural $\alpha$ -Amino Acid Hydrazides and Formaldehyde. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2943-2948.	2.4	18
23	Polyphenol-enriched spelt husk extracts improve growth and stress-related biochemical parameters under moderate salt stress in maize plants. <i>Plant Physiology and Biochemistry</i> , 2019, 141, 95-104.	5.8	18
24	N-Dealkylation-N-nitrosation of tertiary aromatic amines by N-butyl nitrite. <i>Tetrahedron</i> , 1991, 47, 7845-7852.	1.9	17
25	Activity of <i>Vitis vinifera</i> Tendrils Extract Against Phytopathogenic Fungi. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	17
26	High Triterpenic Acids Production in Callus Cultures from Fruit Pulp of Two Apple Varieties. <i>Phytochemical Analysis</i> , 2017, 28, 5-15.	2.4	17
27	Generation and Rearrangements of Ylides from Tertiary Amines and $\alpha$ -Diazo Ketones with Very High Catalytic Activity of $[\text{RuCl}(\text{i-5-C}_5\text{H}_5)(\text{PPh}_3)_2]$ . <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3731-3735.	2.4	16
28	Improved Method for the Analysis of Organic Acids and New Derivatization of Alcohols in Complex Natural Aqueous Matrixes: Application to Wine and Apple Vinegar. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2875-2882.	5.2	16
29	Observation of a stable monomeric N-methylene aromatic amine. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1787.	2.0	15
30	$^{17}\text{O}$ NMR studies on $\beta$ -diamides. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 387-391.	1.9	15
31	Reaction of Nitrosobenzene with 4-Methoxy-N-methyleaniline. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 141-143.	2.4	15
32	Chemical composition and <i>in vitro</i> anti-inflammatory activity of <i>Vitis vinifera</i> L. (var. Sangiovese) tendrils extract. <i>Journal of Functional Foods</i> , 2016, 20, 291-302.	3.4	15
33	Heterocycles from heterocycles. 1,3-Diaryl-4,5-imidazolidinediones from 1,3,5-triarylhexahydro-1,3,5-triazines and oxalyl chloride. <i>Tetrahedron</i> , 1993, 49, 10609-10628.	1.9	14
34	Preparation, properties, and reductive alkylation of arylhydrazides. <i>Canadian Journal of Chemistry</i> , 1998, 76, 1180-1187.	1.1	13
35	Reductive One Batch Synthesis of N-Substituted Pyrrolidines from Primary Amines and 2,5-Dimethoxytetrahydrofuran. <i>Synthesis</i> , 1999, 1999, 74-79.	2.3	13
36	Condensation Reaction Between $\alpha$ -Amino Acid Phenylhydrazides and Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3840-3849.	2.4	13

#	ARTICLE	IF	CITATIONS
37	A Convenient Synthesis of Unsymmetrically Substituted Ureas via Carbamoyl Azides of $\alpha$ -Protected Amino Acids. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6239-06244.	2.4	13
38	Orientation Effect of Side Chain Substituents in Aromatic Substitution. Induced Ortho Nitration. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1155-1161.	3.2	12
39	New procedures for determination of acids in coffee extracts, and observations on the development of acidity upon ageing. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 879-885.	3.7	12
40	Synthesis of 3-Substituted Dihydro-1-phenylamino-1H-pyrrolo[1,2-a]imidazole-2,5(3H,6H)-diones from $\alpha$ -Amino Acid Phenylhydrazides and Levulinic Acid. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2833-2839.	2.4	12
41	1-Substituted 1,4,5,6-tetrahydropyridazines and 1-(N-substituted)-aminopyrrolidines from hydrazines and 2,5-dimethoxytetrahydrofuran. <i>Tetrahedron</i> , 1997, 53, 3707-3722.	1.9	11
42	Identification of Mononitro and Dinitro Isomers of Diphenylmethane by GC-FT-IR and GC-MS Techniques. <i>Industrial &amp; Engineering Chemistry Research</i> , 2001, 40, 1449-1453.	3.7	11
43	Yield, Characterization, and Possible Exploitation of Cannabis Sativa L. Roots Grown under Aeroponics Cultivation. <i>Molecules</i> , 2021, 26, 4889.	3.8	11
44	Rapid detection of high-molecular-mass dienes in beeswax. <i>Journal of Chromatography A</i> , 1995, 704, 224-227.	3.7	10
45	New triterpenic acids produced in callus culture from fruit pulp of <i>Acca sellowiana</i> (O. Berg) Burret. <i>Food Research International</i> , 2019, 119, 596-604.	6.2	10
46	Reaction of Cyclohexylamine with Formaldehyde: The structure of N,N,N'-tricyclohexylhexahydro-symtriazine. <i>Journal für Praktische Chemie</i> , 1987, 329, 195-202.	0.2	9
47	[RuCl( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ] as catalyst in the reaction of primary amines with diaryl diazoalkanes: unexpected formation of Ar <sub>2</sub> C=N-NR compounds. <i>Inorganica Chimica Acta</i> , 2003, 349, 249-252.	2.4	9
48	Revisitation of the reaction between aniline and formaldehyde. VI. The accumulated amide ester function from Addition of Carboxylic Anhydrides to N-methyleneamines or their trimers. <i>Journal für Praktische Chemie</i> , 1987, 329, 417-432.	0.2	8
49	The photolysis of 2,4,5,6-tetrachloro-1,3-dicyanobenzene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1989, 48, 129-153.	3.9	8
50	Oxygen-17 NMR studies of N-nitrosamines. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 46-50.	1.9	8
51	Carbamoyl Azides of $\alpha$ -N-Protected Amino Acids: A Fast and Simple One-Pot Synthesis. <i>Synthesis</i> , 2008, 2008, 438-444.	2.3	8
52	Rapid and selective screening for toxic phorbol esters in <i>Jatropha curcas</i> seed oil using high-performance liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1597, 63-75.	3.7	8
53	Polymeric reversed phase and small particle size silica gel solid phase extractions for rapid analysis of sterols and triterpene dialcohols in olive oils by GC-FID. <i>Food Chemistry</i> , 2019, 283, 177-182.	8.2	8
54	Addition of a methylene group across the ester carbonyl function. <i>Tetrahedron Letters</i> , 1987, 28, 3011-3012.	1.4	7

#	ARTICLE	IF	CITATIONS
55	New N-permethylations and introduction of deuterium labelled methyl groups into primary and secondary amines. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1987, 24, 255-266.	1.0	7
56	Heterocycles from heterocycles. $\alpha$ -[1]. 1,3,5-trisubstituted hexahydro-1,3,5-triazines-2-ones from 1,3,5-trisubstituted hexahydro-1,3,5-triazines and organic isocyanates. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 995-1001.	2.6	7
57	Low-Water-Content Diazomethane-d <sub>2</sub> and Its Isotopic Assay. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 2943-2946.	3.2	7
58	Aprotic diazotization in the presence of cuprous cyanide. <i>Tetrahedron</i> , 1996, 52, 7137-7148.	1.9	7
59	Rapid and Efficient Microwave-Assisted Synthesis of N-Carbamoyl-L-Amino Acids. <i>Synthetic Communications</i> , 2007, 37, 1833-1844.	2.1	7
60	Exploring the reaction of iodine with $\alpha$ -diazo esters. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 24-30.	1.9	7
61	Characterization of the Biological Activity of the Ethanolic Extract from the Roots of <i>Cannabis sativa</i> L. Grown in Aeroponics. <i>Antioxidants</i> , 2022, 11, 860.	5.1	7
62	Diphenylacetic Acid from Benzilic Acid: An Ecologically and Economically Improved Procedure. <i>Synthetic Communications</i> , 1987, 17, 1919-1928.	2.1	6
63	Heteroaromatic primary amines and formaldehyde: The formation of N-hydroxymethyl derivatives. <i>Tetrahedron</i> , 1995, 51, 8311-8322.	1.9	6
64	Observation of a single-pot aromatic reductive denitration. <i>Canadian Journal of Chemistry</i> , 1997, 75, 469-473.	1.1	6
65	High production of secondary metabolites and biological activities of <i>Cydonia oblonga</i> Mill. pulp fruit callus. <i>Journal of Functional Foods</i> , 2022, 94, 105133.	3.4	6
66	Preparation, spectroscopic properties, and ion chemistry of 3-diazo-1,1,1-trifluoro-2-propanone. <i>Canadian Journal of Chemistry</i> , 1996, 74, 1348-1359.	1.1	5
67	Fast and Convenient Synthesis of $\alpha$ -N-Protected Amino Acid Hydrazides. <i>Synthesis</i> , 2005, 2005, 559-564.	2.3	5
68	Sodium Borohydride Reduction of Carbamoyl Azide Function: A Synthesis of $\alpha$ -Protected $\alpha$ -N-Formyl- $\alpha$ -gem-diaminoalkyl Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5387-5397.	3.4	5
69	$\alpha$ -N-Protected dipeptide acids: a simple and efficient synthesis via the easily accessible mixed anhydride method using free amino acids in DMSO and tetrabutylammonium hydroxide. <i>Journal of Peptide Science</i> , 2013, 19, 315-324.	1.4	5
70	N-Nitroso and C-Nitro Derivatives from Di-(2-pyridyl)amine and Butyl Nitrite. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 1641-1645.	3.2	4
71	Gas chromatography-mass spectrometry-Fourier transform infrared spectrometry and high-performance liquid chromatographic characterization of mononitro- and dinitro-isomers from the nitration of N,N-dimethyldiphenylacetamide. <i>Journal of Chromatography A</i> , 2000, 878, 235-247.	3.7	4
72	Hydrocarbons and chloroaromatics from anilines and $\alpha$ -butyl nitrite. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1995, 114, 311-315.	0.0	4

#	ARTICLE	IF	CITATIONS
73	1,3,5-Trisubstituted 1,3,5-triazinane-2-thiones from 1,3,5-trisubstituted 1,3,5-triazinanes and organic isothiocyanates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1643.	0.9	3
74	Nitration of Diphenylmethane and the Isomeric Nitrodiphenylmethanes in Dichloromethane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2002, 41, 1929-1934.	3.7	3
75	Phenylhydrazine-borane adduct?characterized in the solid state and in solution. <i>Heteroatom Chemistry</i> , 2002, 13, 366-372.	0.7	3
76	Study of the Reaction between Carbamoyl Azides of $\hat{\pm}$ -N-Protected Amino Acids and Hydrazine Monohydrate. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1376-1384.	2.4	3
77	Strong Solvent and pH Dependence in the Photolysis of Diphenylmethanimine. <i>Bulletin of the Chemical Society of Japan</i> , 1988, 61, 577-578.	3.2	2
78	Structural investigation of a hindered aromatic amine and its derivatives. <i>Journal of Molecular Structure</i> , 1994, 323, 139-152.	3.6	2
79	N-Nitroso-N-(n-butoxymethyl)arylamines. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1361-1367.	3.2	2
80	An NMR observation of the N-methylideneamine $\hat{\pm}$ hexahydrotriazine equilibrium. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 1771-1775.	0.9	2
81	Nucleophilic substitution in diphenylmethyl derivatives. I. Formolysis of diarylmethyl derivatives: An $\hat{\pm}$ -substituent effect. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1991, 110, 5-12.	0.0	2
82	Nucleophilic substitution in diphenylmethyl derivatives. II. Methanolysis of $\hat{\pm}$ substituents of diphenylacetic acid and its derivatives. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1991, 110, 283-289.	0.0	2
83	Simple and Mild One-Pot Synthesis of Dipeptidyl Ureas via Carbamoyl Azides of $\hat{\pm}$ -N-Protected Amino Acids. <i>Synthetic Communications</i> , 2011, 41, 1027-1041.	2.1	2
84	Product study of the photolysis of Benzophenoneimine and fluorenoneimine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1989, 48, 115-128.	3.9	1
85	5-Substituted 4,5-Dihydro-1,2,4-triazin-3(2H)-ones from the Unprecedented Reaction between $\hat{\pm}$ -N-Protected Amino Acid Hydrazides and NaBH <sub>4</sub> . <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2638-2643.	2.4	1
86	Improved synthesis of pentachlorobenzonitrile. <i>Toxicological and Environmental Chemistry</i> , 2000, 76, 147-155.	1.2	0
87	A Convenient ar-SE Laboratory Experiment Avoiding the Use of Sulfuric Acid: the Nitration of Diphenylmethane in CH <sub>2</sub> Cl <sub>2</sub> . <i>The Chemical Educator</i> , 2002, 7, 27-32.	0.0	0
88	Condensation Reaction Between $\hat{\pm}$ -Amino Acid Phenylhydrazides and Carbonyl Compounds.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
89	Cyclopentadienyl Rull Complexes as Highly Efficient Catalysts for the N-Methylation of Alkylamines by Methanol.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
90	Exploring the reaction of formaldehyde with $\hat{\pm}$ -N-protected amino acid hydrazides. <i>Canadian Journal of Chemistry</i> , 2008, 86, 714-719.	1.1	0

#	ARTICLE	IF	CITATIONS
91	Characterization of $\alpha$ -Boc/Fmoc/Z $\alpha$ - $\alpha$ -formyl $\alpha$ -gem $\alpha$ -diaminoalkyl derivatives using electrospray ionization multi $\alpha$ -stage mass spectrometry. Journal of Mass Spectrometry, 2013, 48, 1136-1149.	1.6	0