

Consuelo Agull

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103
papers

1,370
citations

21
h-index

27
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125
ext. papers

1,528
ext. citations

4.4
avg, IF

4.21
L-index

#	Paper	IF	Citations
103	Production and characterization of monoclonal antibodies specific to the strobilurin pesticide pyraclostrobin. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7682-90	5.7	67
102	Hapten synthesis, monoclonal antibody generation, and development of competitive immunoassays for the analysis of picoxystrobin in beer. <i>Analytica Chimica Acta</i> , 2010 , 682, 93-103	6.6	49
101	Development of immunoaffinity columns for pyraclostrobin extraction from fruit juices and analysis by liquid chromatography with UV detection. <i>Journal of Chromatography A</i> , 2011 , 1218, 4902-9	4.5	40
100	X-ray Structure of Fluorinated N-(2-Chloropyridin-4-yl)-N-phenylureas. Role of F Substitution in the Crystal Packing. <i>Crystal Growth and Design</i> , 2006 , 6, 46-57	3.5	36
99	Determination of succinate-dehydrogenase-inhibitor fungicide residues in fruits and vegetables by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4207-11	4.4	35
98	Synthesis of site-heterologous haptens for high-affinity anti-pyraclostrobin antibody generation. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1443-53	3.9	33
97	Hapten synthesis and monoclonal antibody-based immunoassay development for detection of the fungicide trifloxystrobin. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2581-8	5.7	32
96	A unified synthetic approach to trachylobane-, beyerane-, atisane- and kaurane-type diterpenes. <i>Tetrahedron</i> , 2006 , 62, 3266-3283	2.4	30
95	Regioselective Preparation of Pyridin-2-yl Ureas from 2-Chloropyridines Catalyzed by Pd(0). <i>Synthesis</i> , 2005 , 2005, 915-924	2.9	30
94	Spongian pentacyclic diterpenes. Stereoselective synthesis of (-)-dendrillol-1. <i>Journal of Organic Chemistry</i> , 1992 , 57, 6861-6869	4.2	29
93	Fungicide multiresidue monitoring in international wines by immunoassays. <i>Food Chemistry</i> , 2016 , 196, 1279-86	8.5	27
92	Generation of anti-azoxystrobin monoclonal antibodies from regioisomeric haptens functionalized at selected sites and development of indirect competitive immunoassays. <i>Analytica Chimica Acta</i> , 2012 , 715, 105-12	6.6	27
91	Diastereoselective synthesis of antiquorin and related polyoxygenated atisene-type diterpenes. <i>Tetrahedron</i> , 2007 , 63, 1664-1679	2.4	26
90	Enantioselective Synthesis of Herbertane Sesquiterpenes. Synthesis of (-)-Herbertene and (-)- α -Herbertenol. <i>Journal of Organic Chemistry</i> , 1999 , 64, 1741-1744	4.2	25
89	Enantioselective Synthesis of Cuparane Sesquiterpenes. Synthesis of (1R)-Cuparene and (1R)-Cuparenol. <i>Journal of Organic Chemistry</i> , 1996 , 61, 5916-5919	4.2	25
88	Hapten synthesis and polyclonal antibody-based immunoassay development for the analysis of forchlorfenuron in kiwifruit. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8502-11	5.7	24
87	Forchlorfenuron-mimicking haptens: from immunogen design to antibody characterization by hierarchical clustering analysis. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4863-72	3.9	23

86	Preparation of 9-Fluorinated Sesquiterpenic Drimanes and Evaluation of Their Antifeedant Activities. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2182-2198	3.2	23
85	Concise and modular synthesis of regioisomeric haptens for the production of high-affinity and stereoselective antibodies to the strobilurin azoxystrobin. <i>Tetrahedron</i> , 2011 , 67, 624-635	2.4	21
84	Production and characterization of monoclonal and polyclonal antibodies to forchlorfenuron. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11122-31	5.7	21
83	Synthesis of terpenoid unsaturated 1,4-dialdehydes. Pi-facial selectivity in the Diels-Alder reaction of the 1-vinyl-2-methylcyclohexene moiety of polycyclic systems with DMAD. <i>Journal of Organic Chemistry</i> , 2000 , 65, 4189-92	4.2	21
82	An Efficient Stereoselective Synthesis of Stypodiol and Epistypodiol. <i>Journal of Organic Chemistry</i> , 1998 , 63, 5100-5106	4.2	21
81	Preparation and promotion of fruit growth in kiwifruit of fluorinated N-phenyl-NH _{1,2,3} -thiadiazol-5-yl ureas. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 4675-83	5.7	20
80	Podocarpane-to-spongian skeleton conversion. Synthesis of (+)-isoagatholactone and (±)-spongia-13(16),14-diene. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 2193-2199		20
79	Hapten synthesis and monoclonal antibody-based immunoassay development for the detection of the fungicide kresoxim-methyl. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 1545-52	5.7	18
78	Stereoselective synthesis of polyoxygenated atisane-type diterpenoids. <i>Tetrahedron Letters</i> , 2001 , 42, 8965-8968	2	18
77	Development of competitive enzyme-linked immunosorbent assays for boscalid determination in fruit juices. <i>Food Chemistry</i> , 2012 , 135, 276-284	8.5	17
76	Development of monoclonal antibody-based competitive immunoassays for the detection of picoxystrobin in cereal and oilseed flours. <i>Food Control</i> , 2012 , 26, 162-168	6.2	17
75	Fluxapyroxad Haptens and Antibodies for Highly Sensitive Immunoanalysis of Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 9333-9341	5.7	16
74	Monoclonal antibody-based immunoassays for cyprodinil residue analysis in QuEChERS-based fruit extracts. <i>Food Chemistry</i> , 2015 , 187, 530-6	8.5	16
73	General diastereoselective synthetic approach toward isospongian diterpenes. Synthesis of (-)-marginatafuran, (-)-marginatone, and (-)-20-acetoxymarginatone. <i>Journal of Organic Chemistry</i> , 2012 , 77, 5664-80	4.2	16
72	Enantioselective synthesis of herbertane sesquiterpenes: synthesis of (±)-Formylherbertenol. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 1607-1615		16
71	Mepanipyrim haptens and antibodies with nanomolar affinity. <i>Analyst, The</i> , 2013 , 138, 3360-4	5	15
70	Synthesis of azoxystrobin transformation products and selection of monoclonal antibodies for immunoassay development. <i>Toxicology Letters</i> , 2012 , 210, 240-7	4.4	15
69	Synthetic studies on the preparation of oxygenated spongiane diterpenes from carvone. <i>Tetrahedron</i> , 2003 , 59, 9523-9536	2.4	15

68	New route to herbertanes via a Suzuki cross-coupling reaction: synthesis of herbertenediol. <i>Tetrahedron</i> , 2001 , 57, 9727-9735	2.4	15
67	Stereoselective construction of the tetracyclic scalarane skeleton from carvone. <i>Chemical Communications</i> , 1999 , 427-428	5.8	14
66	Design and development of heterologous competitive immunoassays for the determination of boscalid residues. <i>Analyst, The</i> , 2014 , 139, 3636-44	5	13
65	Immunoassays for trifloxystrobin analysis. Part I. Rational design of regioisomeric haptens and production of monoclonal antibodies. <i>Food Chemistry</i> , 2014 , 152, 230-6	8.5	13
64	Antibody generation and immunoassay development in diverse formats for pyrimethanil specific and sensitive analysis. <i>Analyst, The</i> , 2012 , 137, 5672-9	5	13
63	A Simple Enantioselective Synthesis of (-)-S- and (+)-R-Camphonanic Acids. <i>Synlett</i> , 1993 , 1993, 895-896	2.2	13
62	Synthesis of (-)-borjatriol. <i>Journal of Organic Chemistry</i> , 1992 , 57, 50-54	4.2	13
61	Conversion of sandaracopimaric acid into an androstane analog steroid. <i>Journal of Organic Chemistry</i> , 1990 , 55, 2369-2373	4.2	13
60	Conversion of dehydroabiatic acid into 20-keto-C-aryl-18-norsteroids. Formation of the D ring. <i>Journal of Organic Chemistry</i> , 1988 , 53, 3761-3765	4.2	13
59	A class-selective immunoassay for simultaneous analysis of anilinopyrimidine fungicides using a rationally designed hapten. <i>Analyst, The</i> , 2017 , 142, 3975-3985	5	12
58	Immunoreagent generation and competitive assay development for cyprodinil analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 4803-11	5.7	12
57	Exploring alternative hapten tethering sites for high-affinity anti-picoxystrobin antibody generation. <i>Analytical Biochemistry</i> , 2011 , 416, 82-91	3.1	12
56	Stereoselective synthesis of (-)-metasequoic acid B. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 1837-1844		12
55	A Simple Synthetic Approach to Trachylobane, Beyerane, and Atisane Diterpenoids from Carvone. <i>Synlett</i> , 2001 , 2001, 0349-0352	2.2	12
54	Site-heterologous haptens and competitive monoclonal antibody-based immunoassays for pyrimethanil residue analysis in foodstuffs. <i>LWT - Food Science and Technology</i> , 2015 , 63, 604-611	5.4	11
53	Highly sensitive monoclonal antibody-based immunoassays for boscalid analysis in strawberries. <i>Food Chemistry</i> , 2018 , 267, 2-9	8.5	11
52	Structure-immunogenicity relationship of kresoxim-methyl regioisomeric haptens. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 7361-71	3.9	11
51	Free and bound hydroxyl and carboxyl groups in the cutin of <i>Quercus suber</i> leaves. <i>Phytochemistry</i> , 1984 , 23, 2059-2060	4	11

50	Moiety and linker site heterologies for highly sensitive immunoanalysis of cyprodinil in fermented alcoholic drinks. <i>Food Control</i> , 2015 , 50, 393-400	6.2	10
49	Immunoassays for trifloxystrobin analysis. Part II. Assay development and application to residue determination in food. <i>Food Chemistry</i> , 2014 , 162, 41-6	8.5	10
48	Development and validation of a direct competitive monoclonal antibody-based immunoassay for the sensitive and selective analysis of the phyto regulator forchlorfenuron. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 2019-26	4.4	10
47	Synthesis of highly functionalised enantiopure bicyclo[3.2.1]-octane systems from carvone. <i>Molecules</i> , 2004 , 9, 287-99	4.8	10
46	Synthesis of (+)-ambreinolide from abietic acid. <i>Journal of Organic Chemistry</i> , 1989 , 54, 5123-5125	4.2	10
45	Highly sensitive monoclonal antibody-based immunoassays for the analysis of fluopyram in food samples. <i>Food Chemistry</i> , 2019 , 288, 117-126	8.5	9
44	Immunoreagents and competitive assays to fludioxonil. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2742-4	5.7	9
43	Synthesis of oxygenated spongiane-type diterpenoids from carvone. <i>Tetrahedron Letters</i> , 2002 , 43, 7933-7936	9	9
42	Syntheses of oxygenated spongiane diterpenes from carvone. Synthesis of dorisenone C. <i>Tetrahedron</i> , 2005 , 61, 1961-1970	2.4	9
41	Conversion of Alkyl Halides into Alcohols via Formyloxylation Reaction with DMF Catalyzed by Silver Salts. <i>Synthesis</i> , 2005 , 2005, 3355-3361	2.9	9
40	Immunoassays for pyraclostrobin analysis in processed food products using novel monoclonal antibodies and QuEChERS-based extracts. <i>Food Control</i> , 2013 , 32, 42-48	6.2	8
39	Silica Gel Catalyzed Eschenmoser Reaction. <i>Synlett</i> , 1991 , 1991, 787-788	2.2	8
38	Sensitive monoclonal antibody-based immunoassays for kresoxim-methyl analysis in QuEChERS-based food extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2816-21	5.7	7
37	Synthesis of C-17-functionalized beyerane diterpenes. Synthesis of (1 β)-erythroxylo B, (1 β)-erythroxydiol A and (1 β)-benuol. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2987-2991	7	7
36	Synthetic Haptens and Monoclonal Antibodies to the Cyanotoxin Anatoxin-a. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9134-9139	16.4	6
35	Rationally designed haptens for highly sensitive monoclonal antibody-based immunoanalysis of fenhexamid. <i>Analyst, The</i> , 2018 , 143, 4057-4066	5	6
34	Haptens, bioconjugates, and antibodies for penthiopyrad immunosensing. <i>Analyst, The</i> , 2014 , 139, 5358-61	6	6
33	First Diastereoselective Synthesis of (-)-Thyrsiflorin A Methyl Ester. <i>Synlett</i> , 1997 , 1997, 574-576	2.2	6

- 32 Synthesis of fluorinated drimanes. Preparation of 9 β -drimenin. *Tetrahedron Letters*, **2003**, 44, 1899-1902 6
- 31 Studies on the Synthesis of Scoparic Acid A and Related Labdane Diterpenoids. Synthesis of (E)-6 β -Hydroxyabda-8-(17),13-dien-15-oic Acid. *Journal of Natural Products*, **1993**, 56, 2133-2141 4.9 6
- 30 CONVERSION OF RESIN ACIDS INTO STEROIDAL COMPOUNDS. A REVIEW. *Organic Preparations and Procedures International*, **1991**, 23, 321-356 1.1 6
- 29 Formation of 1-hydroxycyclopropanecarbonitrile ring in bicyclic systems. *Tetrahedron*, **1986**, 42, 2429-2434 6
- 28 Combined heterologies for monoclonal antibody-based immunoanalysis of fluxapyroxad. *Analyst, The*, **2018**, 143, 5718-5727 5 6
- 27 A unified approach to the synthesis of both enantiomers of anatoxin-a and homoanatoxin-a cyanotoxins. *Tetrahedron*, **2018**, 74, 5022-5031 2.4 5
- 26 Development of a sensitive and specific enzyme-linked immunosorbent assay for the determination of fludioxonil residues in fruit juices. *Analytical Methods*, **2014**, 6, 8924-8929 3.2 5
- 25 An Efficient Stereocontrolled Synthesis of (-)-Stypoldione. *Synlett*, **1996**, 1996, 913-915 2.2 5
- 24 Synthesis of Homochiral Phenanthrones from Carvone. *Synlett*, **1994**, 1994, 733-735 2.2 5
- 23 An approach to erythrophleum alkaloids. Synthesis of methyl (1 β)-4-epi-cassamate. *Tetrahedron Letters*, **1986**, 27, 3289-3292 2 5
- 22 Ready Access to Proquinazid Haptens via Cross-Coupling Chemistry for Antibody Generation and Immunoassay Development. *PLoS ONE*, **2015**, 10, e0134042 3.7 5
- 21 Novel haptens and monoclonal antibodies with subnanomolar affinity for a classical analytical target, ochratoxin A. *Scientific Reports*, **2018**, 8, 9761 4.9 5
- 20 Protein-Free Hapten-Carbon Nanotube Constructs Induce the Secondary Immune Response. *Bioconjugate Chemistry*, **2017**, 28, 1630-1638 6.3 4
- 19 Click Chemistry-Assisted Bioconjugates for Hapten Immunodiagnostics. *Bioconjugate Chemistry*, **2020**, 31, 956-964 6.3 4
- 18 Stereostructural revision of auricularic acid synthesis of 4-epi-auricularic acid. *Tetrahedron Letters*, **1989**, 30, 4563-4564 2 4
- 17 Immunoanalytical methods for ochratoxin A monitoring in wine and must based on innovative immunoreagents. *Food Chemistry*, **2021**, 345, 128828 8.5 4
- 16 Rational design of a fluopyram hapten and preparation of bioconjugates and antibodies for immunoanalysis. *RSC Advances*, **2015**, 5, 51337-51341 3.7 3
- 15 High-affinity Antibodies from a Full Penthiopyrad-mimicking Hapten and Heterologous Immunoassay Development for Fruit Juice Analysis. *Food Analytical Methods*, **2017**, 10, 4013-4023 3.4 3

14	¹³ C nuclear magnetic resonance spectra of several podocarpane and cassane diterpenoids. <i>Magnetic Resonance in Chemistry</i> , 1990 , 28, 529-532	2.1	3
13	Transformation of resin abietic acid into a pregnane-type steroid. <i>Canadian Journal of Chemistry</i> , 1991 , 69, 379-382	0.9	3
12	Hapten Design and Antibody Generation for Immunoanalysis of Spirotetramat and Spirotetramat-enol. <i>ACS Omega</i> , 2018 , 3, 11950-11957	3.9	3
11	Immunochemical rapid determination of quinoxifen, a priority hazardous pollutant. <i>Chemosphere</i> , 2018 , 211, 302-307	8.4	2
10	Erythrophleum alkaloids. Synthesis of (14R)-epi-cassamine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 1875-1883		2
9	A Monoclonal Antibody-Based Immunoassay for Mepanipyrim Residue Sensitive Analysis in Grape Juice and Wine. <i>Food Analytical Methods</i> , 2020 , 13, 770-779	3.4	2
8	Monoclonal antibodies with subnanomolar affinity to tenofovir for monitoring adherence to antiretroviral therapies: from hapten synthesis to prototype development. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10439-10449	7.3	2
7	Enzyme and lateral flow monoclonal antibody-based immunoassays to simultaneously determine spirotetramat and spirotetramat-enol in foodstuffs. <i>Scientific Reports</i> , 2021 , 11, 1809	4.9	2
6	¹ H, ¹³ C and ¹⁹ F NMR spectroscopy of polyfluorinated ureas. Correlations involving NMR chemical shifts and electronic substituent effects. <i>Magnetic Resonance in Chemistry</i> , 2005 , 43, 389-97	2.1	1
5	Regiospecific and Stereoselective Ene Reaction of the A-Ring Methylcyclohexene Moiety of Polycyclic Terpenoid Systems with Dimethyl Acetylenedicarboxylate. <i>Journal of Chemical Research</i> , 2001 , 2001, 90-91	0.6	1
4	Immunochemical method for penthiopyrad detection through thermodynamic and kinetic characterization of monoclonal antibodies. <i>Talanta</i> , 2021 , 226, 122123	6.2	1
3	Synthetic Haptens and Monoclonal Antibodies to the Cyanotoxin Anatoxin-a. <i>Angewandte Chemie</i> , 2019 , 131, 9232-9237	3.6	
2	Aproximaciones inmunoanalíticas para el control de xenobióticos y biotoxinas en alimentos. <i>Arbor</i> , 2020 , 196, 542	0.2	
1	Chemical strategies for triggering the immune response to the mycotoxin patulin. <i>Scientific Reports</i> , 2021 , 11, 23438	4.9	