

Marta Planas Grabuleda

List of Publications by Citations

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76
papers

1,368
citations

20
h-index

34
g-index

83
ext. papers

1,612
ext. citations

3.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
76	Escherichia coli cell surface perturbation and disruption induced by antimicrobial peptides BP100 and pepR. <i>Journal of Biological Chemistry</i> , 2010 , 285, 27536-44	5.4	169
75	A library of linear undecapeptides with bactericidal activity against phytopathogenic bacteria. <i>Peptides</i> , 2007 , 28, 2276-85	3.8	113
74	Inhibition of plant-pathogenic bacteria by short synthetic cecropin A-melittin hybrid peptides. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3302-8	4.8	89
73	Synergistic effects of the membrane actions of cecropin-melittin antimicrobial hybrid peptide BP100. <i>Biophysical Journal</i> , 2009 , 96, 1815-27	2.9	72
72	Cyclic Peptides Containing Biaryl and Biaryl Ether Linkages. <i>International Journal of Peptide Research and Therapeutics</i> , 2005 , 11, 53-97	2.1	62
71	Improvement of cyclic decapeptides against plant pathogenic bacteria using a combinatorial chemistry approach. <i>Peptides</i> , 2006 , 27, 2575-84	3.8	49
70	De novo designed cyclic cationic peptides as inhibitors of plant pathogenic bacteria. <i>Peptides</i> , 2006 , 27, 2567-74	3.8	47
69	Structural basis for the enhanced activity of cyclic antimicrobial peptides: the case of BPC194. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2197-205	3.8	43
68	Improvement of the efficacy of linear undecapeptides against plant-pathogenic bacteria by incorporation of D-amino acids. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2667-75	4.8	42
67	Sporicidal activity of synthetic antifungal undecapeptides and control of Penicillium rot of apples. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5563-9	4.8	41
66	Prediction of antibacterial activity from physicochemical properties of antimicrobial peptides. <i>PLoS ONE</i> , 2011 , 6, e28549	3.7	40
65	Solid-phase synthesis of biaryl cyclic peptides by borylation and microwave-assisted intramolecular SuzukiMiyaura reaction. <i>Tetrahedron</i> , 2011 , 67, 2238-2245	2.4	37
64	Derivatives of the antimicrobial peptide BP100 for expression in plant systems. <i>PLoS ONE</i> , 2013 , 8, e85537	3.7	30
63	Synthesis and Biological Evaluation of Ru(II) and Pt(II) Complexes Bearing Carboxyl Groups as Potential Anticancer Targeted Drugs. <i>Inorganic Chemistry</i> , 2017 , 56, 13679-13696	5.1	29
62	Peptide-mediated vectorization of metal complexes: conjugation strategies and biomedical applications. <i>Dalton Transactions</i> , 2016 , 45, 12970-82	4.3	29
61	(-)-Epigallocatechin 3-Gallate Synthetic Analogues Inhibit Fatty Acid Synthase and Show Anticancer Activity in Triple Negative Breast Cancer. <i>Molecules</i> , 2018 , 23,	4.8	25
60	Identification of BP16 as a non-toxic cell-penetrating peptide with highly efficient drug delivery properties. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1652-63	3.9	24

59	Use of the Dithiasuccinoyl (Dts) Amino Protecting Group for Solid-Phase Synthesis of Protected Peptide Nucleic Acid (PNA) Oligomers 1-3. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7281-7289	4.2	23
58	Solid-phase synthesis of 5-arylhistidines via a microwave-assisted Suzuki-Miyaura cross-coupling. <i>Tetrahedron</i> , 2008 , 64, 10538-10545	2.4	22
57	Design, Preparation, and Characterization of Zn and Cu Metallopeptides Based On Tetradentate Aminopyridine Ligands Showing Enhanced DNA Cleavage Activity. <i>Inorganic Chemistry</i> , 2015 , 54, 10542-58	5.1	21
56	Antimicrobial cyclic decapeptides with anticancer activity. <i>Peptides</i> , 2010 , 31, 2017-26	3.8	19
55	Antimicrobial Peptides for Plant Disease Control. From Discovery to Application. <i>ACS Symposium Series</i> , 2012 , 235-261	0.4	17
54	Biaryl Peptides from 4-Iodophenylalanine by Solid-Phase Borylation and Suzuki-Miyaura Cross-Coupling. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 1461-1468	3.2	16
53	Synthesis of nucleobase-functionalized β -peptoids and β -peptoid hybrids. <i>Tetrahedron Letters</i> , 2006 , 47, 8069-8071	2	16
52	Solid-Phase Synthesis of 5-Arylhistidine-Containing Peptides with Antimicrobial Activity Through a Microwave-Assisted Suzuki-Miyaura Cross-Coupling. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4321-4332	3.2	15
51	EGCG-Derivative G28 Shows High Efficacy Inhibiting the Mammosphere-Forming Capacity of Sensitive and Resistant TNBC Models. <i>Molecules</i> , 2019 , 24,	4.8	13
50	Enzyme-triggered delivery of chlorambucil from conjugates based on the cell-penetrating peptide BP16. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1470-80	3.9	13
49	Peptidotriazoles with antimicrobial activity against bacterial and fungal plant pathogens. <i>Peptides</i> , 2012 , 33, 9-17	3.8	13
48	Antimicrobial activity of linear lipopeptides derived from BP100 towards plant pathogens. <i>PLoS ONE</i> , 2018 , 13, e0201571	3.7	12
47	Solid-Phase Synthesis of Biaryl Cyclic Peptides Containing a 3-Aryltyrosine. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6204-6211	3.2	12
46	Synthesis of 5-arylhistidines via a Suzuki-Miyaura cross-coupling. <i>Tetrahedron</i> , 2007 , 63, 10445-10453	2.4	12
45	Antimicrobial peptides incorporating non-natural amino acids as agents for plant protection. <i>Protein and Peptide Letters</i> , 2014 , 21, 357-67	1.9	12
44	Cell-penetrating β -peptide/antimicrobial undecapeptide conjugates with anticancer activity. <i>Tetrahedron</i> , 2012 , 68, 4406-4412	2.4	11
43	Synthetic Cyclolipopeptides Selective against Microbial, Plant and Animal Cell Targets by Incorporation of D-Amino Acids or Histidine. <i>PLoS ONE</i> , 2016 , 11, e0151639	3.7	11
42	Rational Design of Cyclic Antimicrobial Peptides Based on BPC194 and BPC198. <i>Molecules</i> , 2017 , 22,	4.8	10

41	New Synthetic Entries to (E)-Andirolactone. <i>Synthetic Communications</i> , 1994 , 24, 651-658	1.7	10
40	Synthesis of Cyclic Peptidotriazoles with Activity Against Phytopathogenic Bacteria. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 4933-4943	3.2	9
39	A convenient solid-phase strategy for the synthesis of antimicrobial cyclic lipopeptides. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3365-74	3.9	8
38	N-Tetrachlorophthaloyl (TCP) Protection for Solid-Phase Peptide Synthesis. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3633-3642	3.2	8
37	Cross-Disciplinary Analysis of Cooperative Learning Dimensions Based on Higher Education Students' Perceptions. <i>Sustainability</i> , 2020 , 12, 8156	3.6	8
36	Screening and identification of BP100 peptide conjugates active against <i>Xylella fastidiosa</i> using a viability-qPCR method. <i>BMC Microbiology</i> , 2020 , 20, 229	4.5	8
35	Multivalent display of the antimicrobial peptides BP100 and BP143. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 2106-17	2.5	7
34	Synthesis of cyclic peptide hybrids with amino acid and nucleobase side-chains. <i>Tetrahedron Letters</i> , 2000 , 41, 4097-4100	2	7
33	Delivering aminopyridine ligands into cancer cells through conjugation to the cell-penetrating peptide BP16. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4061-70	3.9	7
32	Antimicrobial peptide KSL-W and analogues: Promising agents to control plant diseases. <i>Peptides</i> , 2019 , 112, 85-95	3.8	7
31	Design, synthesis, and biological evaluation of cyclic peptidotriazoles derived from BPC194 as novel agents for plant protection. <i>Biopolymers</i> , 2017 , 108, e23012	2.2	6
30	Solid-phase synthesis of biaryl cyclic peptides containing a histidine-tyrosine linkage. <i>Tetrahedron</i> , 2019 , 75, 2625-2636	2.4	6
29	Solid-phase synthesis of new peptide-arene hybrids from N-TCP amino acids. <i>Tetrahedron Letters</i> , 2002 , 43, 4431-4434	2	6
28	Comparison of migration disturbance potency of epigallocatechin gallate (EGCG) synthetic analogs and EGCG PEGylated PLGA nanoparticles in rat neurospheres. <i>Food and Chemical Toxicology</i> , 2019 , 123, 195-204	4.7	6
27	The Roses Ocean and Human Health Chair: A New Way to Engage the Public in Oceans and Human Health Challenges. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
26	Solid-phase synthesis of biaryl bicyclic peptides containing a 3-aryltyrosine or a 4-arylphenylalanine moiety. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 761-768	2.5	4
25	Solid-Phase Synthesis of Cyclic Lipopeptidotriazoles. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4785-4794	3.2	4
24	Solid-Phase Synthesis of Peptide Conjugates Derived from the Antimicrobial Cyclic Decapeptide BPC194. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1117-1129	3.2	4

23	Solid-phase synthesis of C-terminal peptide amides from N-tetrachlorophthaloyl protected amino acids. <i>Tetrahedron Letters</i> , 2001 , 42, 6105-6107	2	4
22	Synthesis of N β -Tetrachlorophthaloyl (TCP)-Protected Amino Acids under Microwave Irradiation (MWI). <i>Synthesis</i> , 2001 , 2001, 1313-1320	2.9	4
21	Solid-Phase Synthesis of Cyclic Depsipeptides Containing a Tyrosine Phenyl Ester Bond. <i>Organic Letters</i> , 2016 , 18, 4140-3	6.2	4
20	Total Solid-Phase Synthesis of Dehydroxy Fengycin Derivatives. <i>Journal of Organic Chemistry</i> , 2018 , 83, 15297-15311	4.2	4
19	Tryptophan-Containing Cyclic Decapeptides with Activity against Plant Pathogenic Bacteria. <i>Molecules</i> , 2017 , 22,	4.8	3
18	Microwave-Assisted Cyclization of Peptides on SynPhase TM Lanterns. <i>Synlett</i> , 2006 , 2006, 1311-1314	2.2	2
17	Synthesis of stable cysteine-heterodisulphides. <i>International Journal of Peptide Research and Therapeutics</i> , 2002 , 9, 1-4		2
16	Structural and Stereochemical Assignment of Some Diastereoisomeric Oxaspiro[4.4]nonane Derivatives 1996 , 34, 983-988		2
15	PapRIV, a BV-2 microglial cell activating quorum sensing peptide. <i>Scientific Reports</i> , 2021 , 11, 10723	4.9	2
14	D-Amino Acid-Containing Lipopeptides Derived from the Lead Peptide BP100 with Activity against Plant Pathogens. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
13	A Bifunctional Peptide Conjugate That Controls Infections of in Pear Plants. <i>Molecules</i> , 2021 , 26,	4.8	2
12	Synthesis of stable cysteine-heterodisulphides. <i>International Journal of Peptide Research and Therapeutics</i> , 2002 , 9, 1-4		1
11	Synthesis of 5,5-disubstituted 2(3H)-dihydrofuranones containing side-chain carbonyl functions, and some derivatives.. <i>Tetrahedron</i> , 1994 , 50, 8143-8152	2.4	1
10	Antimicrobial Peptides With Antibiofilm Activity Against. <i>Frontiers in Microbiology</i> , 2021 , 12, 753874	5.7	1
9	Fatty acid synthase as a feasible biomarker for triple negative breast cancer stem cell subpopulation cultured on electrospun scaffolds. <i>Materials Today Bio</i> , 2021 , 12, 100155	9.9	1
8	Fatty Acid Synthase Inhibitor G28 Shows Anticancer Activity in EGFR Tyrosine Kinase Inhibitor Resistant Lung Adenocarcinoma Models. <i>Cancers</i> , 2020 , 12,	6.6	1
7	Solid-Phase Synthesis of Biaryl Cyclic Lipopeptides Derived from Arylomycins. <i>ACS Omega</i> , 2020 , 5, 23401-23412	3.9	1
6	Solid-Phase Synthesis of Biaryl Cyclic Peptides Containing a Histidine-Phenylalanine Linkage. <i>International Journal of Peptide Research and Therapeutics</i> , 2020 , 26, 695-707	2.1	1

5	Enhanced cytotoxicity of highly water-soluble gold nanoparticle-cyclopeptide conjugates in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 197, 111384	6	1
4	A nucleus-directed bombesin derivative for targeted delivery of metallodrugs to cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2020 , 212, 111214	4.2	0
3	A Bifunctional Synthetic Peptide With Antimicrobial and Plant Elicitation Properties That Protect Tomato Plants From Bacterial and Fungal Infections. <i>Frontiers in Plant Science</i> , 2021 , 12, 756357	6.2	0
2	Synthesis and applications of a bis-sulfonyl handle for solid-phase synthesis of peptides 2002 , 307-308		
1	Chemical synthesis of cyclic peptide nucleic acid-peptide hybrids 2002 , 786-787		