Jos L Cenis

List of Publications by Citations

83 papers	3,677 citations	34 h-index	59 g-index
89 ext. papers	4,211 ext. citations	4.8 avg, IF	5.22 L-index

#	Paper	IF	Citations
83	Rapid extraction of fungal DNA for PCR amplification. *Nucleic Acids Research*, **1992**, 20, 2380	20.1	455
82	Multiple origins of cultivated grapevine (Vitis vinifera L. ssp. sativa) based on chloroplast DNA polymorphisms. *Molecular Ecology*, **2006**, 15, 3707-14	5.7	332
81	Textile/metal-organic-framework composites as self-detoxifying filters for chemical-warfare agents. *Angewandte Chemie - International Edition*, **2015**, 54, 6790-4	16.4	234
80	Biotype determination of Spanish populations of Bemisia tabaci (Hemiptera: Aleyrodidae). *Bulletin of Entomological Research*, **1997**, 87, 587-593	1.7	163
79	Fabrication of conductive electrospun silk fibroin scaffolds by coating with polypyrrole for biomedical applications. *Bioelectrochemistry*, **2012**, 85, 36-43	5.6	129
78	Biotype Q ofBemisia tabaci identified in Israel. *Phytoparasitica*, **2003**, 31, 94-98	1.5	114
77	Genetic diversity of Iberian populations of Bemisia tabaci (Hemiptera: Aleyrodidae) based on random amplified polymorphic DNA-polymerase chain reaction. *Molecular Ecology*, **2001**, 10, 891-7	5.7	104
76	Production of Curcumin-Loaded Silk Fibroin Nanoparticles for Cancer Therapy. *Nanomaterials*, **2018** , 8,	5.4	96
75	Electrochemical Exfoliation of Graphite in Aqueous Sodium Halide Electrolytes toward Low Oxygen Content Graphene for Energy and Environmental Applications. *ACS Applied Materials & Interfaces*, **2017**, 9, 24085-24099	9.5	74
74	Identification of Aphid (Homoptera: Aphididae) Species and Clones by Random Amplified Polymorphic DNA. *Annals of the Entomological Society of America*, **1993**, 86, 545-550	2	74
73	Fibroin and sericin from Bombyx mori silk stimulate cell migration through upregulation and phosphorylation of c-Jun. *PLoS ONE*, **2012**, 7, e42271	3.7	72
72	Complete sequence of the Pepino mosaic virus RNA genome. *Archives of Virology*, **2002**, 147, 2009-15	2.6	71
71	Genetic relationships among biotypes of Bemisia tabaci (Hemiptera: Aleyrodidae) based on AFLP analysis. *Bulletin of Entomological Research*, **2000**, 90, 391-6	1.7	70
70	Survey of Bemisia tabaci (Hemiptera: Aleyrodidae) biotypes in Italy with the description of a new biotype (T) from Euphorbia characias. *Bulletin of Entomological Research*, **2003**, 93, 259-64	1.7	68
69	Identification of Four MajorMeloidogynespp. by Random Amplified Polymorphic DNA (RAPD-PCR). *Phytopathology*, **1993**, 83, 76	3.8	65
68	High quality, low oxygen content and biocompatible graphene nanosheets obtained by anodic exfoliation of different graphite types. *Carbon*, **2015**, 94, 729-739	10.4	63
67	Effects of composite films of silk fibroin and graphene oxide on the proliferation, cell viability and mesenchymal phenotype of periodontal ligament stem cells. *Journal of Materials Science: Materials in Medicine*, **2014**, 25, 2731-41	4.5	62

66	Comparative inhibitory activity of the stilbenes resveratrol and oxyresveratrol on African swine fever virus replication. *Antiviral Research*, **2011**, 91, 57-63	10.8	60
65	Electrospun silk fibroin scaffolds coated with reduced graphene promote neurite outgrowth of PC-12 cells under electrical stimulation. *Materials Science and Engineering C*, **2017**, 79, 315-325	8.3	56
64	Impact of Covalent Functionalization on the Aqueous Processability, Catalytic Activity, and Biocompatibility of Chemically Exfoliated MoS Nanosheets. *ACS Applied Materials & Interfaces*, **2016**, 8, 27974-27986	9.5	56
63	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. *International Journal of Nanomedicine*, **2014**, 9, 4507-20	7.3	51
62	PCR-RFLP identification ofBemisia tabaci biotypes in the Mediterranean Basin. *Phytoparasitica*, **2006**, 34, 243-251	1.5	51
61	Species identity of Macrolophus melanotoma (Costa 1853) and Macrolophus pygmaeus (Rambur 1839) (Insecta: Heteroptera: Miridae) based on morphological and molecular data and bionomic implications. *Insect Systematics and Evolution*, **2006**, 37, 385-404	0.6	50
60	Silk fibroin nanoparticles: Efficient vehicles for the natural antioxidant quercetin. *International Journal of Pharmaceutics*, **2017**, 518, 11-19	6.5	49
59	Fabrication of electrospun silk fibroin scaffolds coated with graphene oxide and reduced graphene for applications in biomedicine. *Bioelectrochemistry*, **2016**, 108, 36-45	5.6	49
58	Genetic structure of Atriplex halimus populations in the Mediterranean Basin. *Annals of Botany*, **2005**, 95, 827-34	4.1	48
57	Investigating the Dispersion Behavior in Solvents, Biocompatibility, and Use as Support for Highly Efficient Metal Catalysts of Exfoliated Graphitic Carbon Nitride. *ACS Applied Materials & Interfaces*, **2015**, 7, 24032-45	9.5	44
56	Distribution patterns of the Q and B biotypes of Bemisia tabaci in the Mediterranean Basin based on microsatellite variation. *Entomologia Experimentalis Et Applicata*, **2007**, 124, 327-336	2.1	44
55	Genetic Structure of Field Populations of Begomoviruses and of Their Vector Bemisia tabaci in Pakistan. *Phytopathology*, **2003**, 93, 1422-9	3.8	43
54	Solanum nigrum: an indigenous weed reservoir for a tomato yellow leaf curl geminivirus in southern Spain. *European Journal of Plant Pathology*, **1998**, 104, 221-222	2.1	41
53	New insights into the mitochondrial phylogeny of the whitefly Bemisia tabaci (Hemiptera: Aleyrodidae) in the Mediterranean Basin. *Journal of Zoological Systematics and Evolutionary Research*, **2006**, 44, 25-33	1.9	41
52	Influence of the protocol used for fibroin extraction on the mechanical properties and fiber sizes of electrospun silk mats. *Materials Science and Engineering C*, **2013**, 33, 1945-50	8.3	39
51	Silk Fibroin Films for Corneal Endothelial Regeneration: Transplant in a Rabbit Descemet Membrane Endothelial Keratoplasty **2017**, 58, 3357-3365		34
50	A photoactivated nanofiber graft material for augmented Achilles tendon repair. *Lasers in Surgery and Medicine*, **2012**, 44, 645-52	3.6	34
49	Silk fibroin scaffolds seeded with Wharton‘s jelly mesenchymal stem cells enhance re-epithelialization and reduce formation of scar tissue after cutaneous wound healing. *Stem Cell Research and Therapy*, **2019**, 10, 126	8.3	30

48	Antitumor properties of platinum(iv) prodrug-loaded silk fibroin nanoparticles. *Dalton Transactions*, **2015**, 44, 13513-21	4.3	30
47	Silk-Fibroin and Graphene Oxide Composites Promote Human Periodontal Ligament Stem Cell Spontaneous Differentiation into Osteo/Cementoblast-Like Cells. *Stem Cells and Development*, **2016**, 25, 1742-1754	4.4	30
46	Use of sequence-tagged microsatellite site markers for characterizing table grape cultivars. *Genome*, **1999**, 42, 87-93	2.4	29
45	scCO2-foamed silk fibroin aerogel/poly(ε-caprolactone) scaffolds containing dexamethasone for bone regeneration. *Journal of CO2 Utilization*, **2019**, 31, 51-64	7.6	28
44	Incidences and progression of tomato chlorosis virus disease and tomato yellow leaf curl virus disease in tomato under different greenhouse covers in southeast Spain. *Annals of Applied Biology*, **2008**, 153, 335-344	2.6	28
43	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. *International Journal of Nanomedicine*, **2016**, 11, 5945-5958	7.3	28
42	Biodegradable PCL/fibroin/hydroxyapatite porous scaffolds prepared by supercritical foaming for bone regeneration. *International Journal of Pharmaceutics*, **2017**, 527, 115-125	6.5	25
41	The apparent variability of silkworm (Bombyx mori) silk and its relationship with degumming. *European Polymer Journal*, **2016**, 78, 129-140	5.2	25
40	Revealing the Influence of the Degumming Process in the Properties of Silk Fibroin Nanoparticles. *Polymers*, **2019**, 11,	4.5	23
39	Production of silk fibroin nanoparticles using ionic liquids and high-power ultrasounds. *Journal of Applied Polymer Science*, **2014**, 132, n/a-n/a	2.9	22
38	Effect of aqueous and particulate silk fibroin in a rat model of experimental colitis. *International Journal of Pharmaceutics*, **2016**, 511, 1-9	6.5	18
37	Quantitative genetic analysis of berry firmness in table grape (Vitis vinifera L.). *Tree Genetics and Genomes*, **2015**, 11, 1	2.1	18
36	Efficient production of canine interferon-alpha in silkworm Bombyx mori by use of a BmNPV/Bac-to-Bac expression system. *Applied Microbiology and Biotechnology*, **2008**, 78, 221-6	5.7	18
35	Spread of Tomato yellow leaf curl virus Sar from the Mediterranean Basin: Presence in the Canary Islands and Morocco. *Plant Disease*, **2000**, 84, 490	1.5	16
34	Graphene adsorbed on silk-fibroin meshes: Biomimetic and reversible conformational movements driven by reactions. *Electrochimica Acta*, **2016**, 209, 521-528	6.7	16
33	Importance of refrigeration time in the electrospinning of silk fibroin aqueous solutions. *Journal of Materials Science*, **2015**, 50, 4879-4887	4.3	15
32	Note: Current status ofBemisia tabaci in Coastal Croatia. *Phytoparasitica*, **2005**, 33, 60-64	1.5	15
31	Aerogel sponges of silk fibroin, hyaluronic acid and heparin for soft tissue engineering: Composition-properties relationship. *Carbohydrate Polymers*, **2020**, 237, 116107	10.3	13

30	Optimal Use of Random Amplified Polymorphic DNA in Estimating the Genetic Relationship of Four MajorMeloidogynespp.. *Phytopathology*, **1995**, 85, 547	3.8	13
29	Temperature Evaluation in Solarized Soils by Fourier Analysis. *Phytopathology*, **1989**, 79, 506	3.8	12
28	Potential use of silkworm gut fiber braids as scaffolds for tendon and ligament tissue engineering. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2019**, 107, 2209-2215	3.5	11
27	Effect of different cocoon stifling methods on the properties of silk fibroin biomaterials. *Scientific Reports*, **2019**, 9, 6703	4.9	11
26	Mechanical behaviour and formation process of silkworm silk gut. *Soft Matter*, **2015**, 11, 8981-91	3.6	10
25	Construction of a BmNPV polyhedrin-plus Bac-to-Bac baculovirus expression system for application in silkworm, Bombyx mori. *Applied Microbiology and Biotechnology*, **2010**, 87, 289-95	5.7	10
24	Influence of addition of organic fillers on the properties of mechanically recycled PLA. *Environmental Science and Pollution Research*, **2021**, 28, 24291-24304	5.1	10
23	Biological effects of silk fibroin 3D scaffolds on stem cells from human exfoliated deciduous teeth (SHEDs). *Odontology / the Society of the Nippon Dental University*, **2018**, 106, 125-134	3.6	9
22	Spider silk gut: development and characterization of a novel strong spider silk fiber. *Scientific Reports*, **2014**, 4, 7326	4.9	8
21	Photocatalytic Performance of Electrospun Silk Fibroin/ZnO Mats to Remove Pesticide Residues from Water under Natural Sunlight. *Catalysts*, **2020**, 10, 110	4	8
20	Purification and kinetic properties of human recombinant dihydrofolate reductase produced in Bombyx mori chrysalides. *Applied Biochemistry and Biotechnology*, **2010**, 162, 1834-46	3.2	8
19	Identification of table grape cultivars (Vitis vinifera L.) by the isoenzymes from the woody stems. *Genetic Resources and Crop Evolution*, **1998**, 45, 173-179	2	8
18	Genetic variability among local apricots (Prunus armeniaca L.) from the Southeast of Spain. *Spanish Journal of Agricultural Research*, **2009**, 7, 855	1.1	8
17	Analysis of the Adherence of Dental Pulp Stem Cells on Two-Dimensional and Three-Dimensional Silk Fibroin-Based Biomaterials. *Journal of Craniofacial Surgery*, **2017**, 28, 939-943	1.2	7
16	Chemoprevention of Experimental Periodontitis in Diabetic Rats with Silk Fibroin Nanoparticles Loaded with Resveratrol. *Antioxidants*, **2020**, 9,	7.1	7
15	Reproductive Fitness and Random Amplified Polymorphic DNA Variation among Isolates of Pratylenchus vulnus. *Journal of Nematology*, **1994**, 26, 271-7	1.1	7
14	Cytogenetic, Enzymatic, and Restriction Fragment Length Polymorphism Variation ofMeloidogynespp. from Spain. *Phytopathology*, **1992**, 82, 527	3.8	7
13	Electrospun silk fibroin/TiO mats. Preparation, characterization and efficiency for the photocatalytic solar treatment of pesticide polluted water.. *RSC Advances*, **2020**, 10, 1917-1924	3.7	6

12	Silkworm Gut Fiber of Bombyx mori as an Implantable and Biocompatible Light-Diffusing Fiber. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	6
11	Silk fibroin nanoparticles enhance quercetin immunomodulatory properties in DSS-induced mouse colitis. *International Journal of Pharmaceutics*, **2021**, 606, 120935	6.5	6
10	Preparation and characterization of Nephila clavipes tubuliform silk gut. *Soft Matter*, **2019**, 15, 2960-2970	3.6	5
9	The molecular characterization of an extended mulberry germplasm by SSR markers. *Genetika*, **2019**, 51, 389-403	0.6	5
8	The silk of gorse spider mite Tetranychus lintearius represents a novel natural source of nanoparticles and biomaterials. *Scientific Reports*, **2020**, 10, 18471	4.9	5
7	Biopolymeric Nanoparticle Synthesis in Ionic Liquids **2018**,		5
6	Silk fibroin nanoparticles as biocompatible nanocarriers of a novel light-responsive CO-prodrug. *Dalton Transactions*, **2018**, 47, 10434-10438	4.3	4
5	RAPD-PCR polymorphism and vegetative compatibility group variation in Spanish isolates of Acremonium cucurbitacearum. *Mycological Research*, **1999**, 103, 1173-1178		4
4	A biosupramolecular approach to graphene: Complementary nucleotide-nucleobase combinations as enhanced stabilizers towards aqueous-phase exfoliation and functional graphene-nucleotide hydrogels. *Carbon*, **2018**, 129, 321-334	10.4	4
3	Fluorescent DTPA-Silk Fibroin Nanoparticles Radiolabeled with In: A Dual Tool for Biodistribution and Stability Studies. *ACS Biomaterials Science and Engineering*, **2020**, 6, 3299-3309	5.5	3
2	Lessons From Spider and Silkworm Silk Guts. *Frontiers in Materials*, **2020**, 7,	4	1
1	Products of Sericulture and Their Hypoglycemic Action Evaluated by Using the Silkworm, (Lepidoptera: Bombycidae), as a Model.. *Insects*, **2021**, 12,	2.8	1