

Jos L Cenis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Products of Sericulture and Their Hypoglycemic Action Evaluated by Using the Silkworm, (Lepidoptera: Bombycidae), as a Model.. <i>Insects</i> , 2021 , 12,	2.8	1
82	Influence of addition of organic fillers on the properties of mechanically recycled PLA. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 24291-24304	5.1	10
81	Silk fibroin nanoparticles enhance quercetin immunomodulatory properties in DSS-induced mouse colitis. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120935	6.5	6
80	Lessons From Spider and Silkworm Silk Guts. <i>Frontiers in Materials</i> , 2020 , 7,	4	1
79	Aerogel sponges of silk fibroin, hyaluronic acid and heparin for soft tissue engineering: Composition-properties relationship. <i>Carbohydrate Polymers</i> , 2020 , 237, 116107	10.3	13
78	Chemoprevention of Experimental Periodontitis in Diabetic Rats with Silk Fibroin Nanoparticles Loaded with Resveratrol. <i>Antioxidants</i> , 2020 , 9,	7.1	7
77	Photocatalytic Performance of Electrospun Silk Fibroin/ZnO Mats to Remove Pesticide Residues from Water under Natural Sunlight. <i>Catalysts</i> , 2020 , 10, 110	4	8
76	Fluorescent DTPA-Silk Fibroin Nanoparticles Radiolabeled with In: A Dual Tool for Biodistribution and Stability Studies. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3299-3309	5.5	3
75	Electrospun silk fibroin/TiO mats. Preparation, characterization and efficiency for the photocatalytic solar treatment of pesticide polluted water.. <i>RSC Advances</i> , 2020 , 10, 1917-1924	3.7	6
74	The silk of gorse spider mite Tetranychus lintearius represents a novel natural source of nanoparticles and biomaterials. <i>Scientific Reports</i> , 2020 , 10, 18471	4.9	5
73	Potential use of silkworm gut fiber braids as scaffolds for tendon and ligament tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 2209-2215	3.5	11
72	Effect of different cocoon stifling methods on the properties of silk fibroin biomaterials. <i>Scientific Reports</i> , 2019 , 9, 6703	4.9	11
71	Silk fibroin scaffolds seeded with Wharton's jelly mesenchymal stem cells enhance re-epithelialization and reduce formation of scar tissue after cutaneous wound healing. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 126	8.3	30
70	Preparation and characterization of Nephila clavipes tubuliform silk gut. <i>Soft Matter</i> , 2019 , 15, 2960-2970	9.6	5
69	scCO ₂ -foamed silk fibroin aerogel/poly(ε-caprolactone) scaffolds containing dexamethasone for bone regeneration. <i>Journal of CO₂ Utilization</i> , 2019 , 31, 51-64	7.6	28
68	The molecular characterization of an extended mulberry germplasm by SSR markers. <i>Genetika</i> , 2019 , 51, 389-403	0.6	5
67	Revealing the Influence of the Degumming Process in the Properties of Silk Fibroin Nanoparticles. <i>Polymers</i> , 2019 , 11,	4.5	23

66	Biological effects of silk fibroin 3D scaffolds on stem cells from human exfoliated deciduous teeth (SHEDs). <i>Odontology / the Society of the Nippon Dental University</i> , 2018 , 106, 125-134	3.6	9
65	Production of Curcumin-Loaded Silk Fibroin Nanoparticles for Cancer Therapy. <i>Nanomaterials</i> , 2018 , 8,	5.4	96
64	Silk fibroin nanoparticles as biocompatible nanocarriers of a novel light-responsive CO-prodrug. <i>Dalton Transactions</i> , 2018 , 47, 10434-10438	4.3	4
63	A biosupramolecular approach to graphene: Complementary nucleotide-nucleobase combinations as enhanced stabilizers towards aqueous-phase exfoliation and functional graphene-nucleotide hydrogels. <i>Carbon</i> , 2018 , 129, 321-334	10.4	4
62	Biopolymeric Nanoparticle Synthesis in Ionic Liquids 2018 ,		5
61	Electrospun silk fibroin scaffolds coated with reduced graphene promote neurite outgrowth of PC-12 cells under electrical stimulation. <i>Materials Science and Engineering C</i> , 2017 , 79, 315-325	8.3	56
60	Analysis of the Adherence of Dental Pulp Stem Cells on Two-Dimensional and Three-Dimensional Silk Fibroin-Based Biomaterials. <i>Journal of Craniofacial Surgery</i> , 2017 , 28, 939-943	1.2	7
59	Electrochemical Exfoliation of Graphite in Aqueous Sodium Halide Electrolytes toward Low Oxygen Content Graphene for Energy and Environmental Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 24085-24099	9.5	74
58	Biodegradable PCL/fibroin/hydroxyapatite porous scaffolds prepared by supercritical foaming for bone regeneration. <i>International Journal of Pharmaceutics</i> , 2017 , 527, 115-125	6.5	25
57	Silk fibroin nanoparticles: Efficient vehicles for the natural antioxidant quercetin. <i>International Journal of Pharmaceutics</i> , 2017 , 518, 11-19	6.5	49
56	Silk Fibroin Films for Corneal Endothelial Regeneration: Transplant in a Rabbit Descemet Membrane Endothelial Keratoplasty 2017 , 58, 3357-3365		34
55	Effect of aqueous and particulate silk fibroin in a rat model of experimental colitis. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 1-9	6.5	18
54	Fabrication of electrospun silk fibroin scaffolds coated with graphene oxide and reduced graphene for applications in biomedicine. <i>Bioelectrochemistry</i> , 2016 , 108, 36-45	5.6	49
53	Silkworm Gut Fiber of Bombyx mori as an Implantable and Biocompatible Light-Diffusing Fiber. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	6
52	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5945-5958	7.3	28
51	The apparent variability of silkworm (Bombyx mori) silk and its relationship with degumming. <i>European Polymer Journal</i> , 2016 , 78, 129-140	5.2	25
50	Graphene adsorbed on silk-fibroin meshes: Biomimetic and reversible conformational movements driven by reactions. <i>Electrochimica Acta</i> , 2016 , 209, 521-528	6.7	16
49	Impact of Covalent Functionalization on the Aqueous Processability, Catalytic Activity, and Biocompatibility of Chemically Exfoliated MoS Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27974-27986	9.5	56

48	Silk-Fibroin and Graphene Oxide Composites Promote Human Periodontal Ligament Stem Cell Spontaneous Differentiation into Osteo/Cementoblast-Like Cells. <i>Stem Cells and Development</i> , 2016 , 25, 1742-1754	4.4	30
47	High quality, low oxygen content and biocompatible graphene nanosheets obtained by anodic exfoliation of different graphite types. <i>Carbon</i> , 2015 , 94, 729-739	10.4	63
46	Importance of refrigeration time in the electrospinning of silk fibroin aqueous solutions. <i>Journal of Materials Science</i> , 2015 , 50, 4879-4887	4.3	15
45	Textile/metal-organic-framework composites as self-detoxifying filters for chemical-warfare agents. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6790-4	16.4	234
44	Antitumor properties of platinum(iv) prodrug-loaded silk fibroin nanoparticles. <i>Dalton Transactions</i> , 2015 , 44, 13513-21	4.3	30
43	Mechanical behaviour and formation process of silkworm silk gut. <i>Soft Matter</i> , 2015 , 11, 8981-91	3.6	10
42	Investigating the Dispersion Behavior in Solvents, Biocompatibility, and Use as Support for Highly Efficient Metal Catalysts of Exfoliated Graphitic Carbon Nitride. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24032-45	9.5	44
41	Quantitative genetic analysis of berry firmness in table grape (<i>Vitis vinifera</i> L.). <i>Tree Genetics and Genomes</i> , 2015 , 11, 1	2.1	18
40	Spider silk gut: development and characterization of a novel strong spider silk fiber. <i>Scientific Reports</i> , 2014 , 4, 7326	4.9	8
39	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. <i>International Journal of Nanomedicine</i> , 2014 , 9, 4507-20	7.3	51
38	Effects of composite films of silk fibroin and graphene oxide on the proliferation, cell viability and mesenchymal phenotype of periodontal ligament stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 2731-41	4.5	62
37	Production of silk fibroin nanoparticles using ionic liquids and high-power ultrasounds. <i>Journal of Applied Polymer Science</i> , 2014 , 132, n/a-n/a	2.9	22
36	Influence of the protocol used for fibroin extraction on the mechanical properties and fiber sizes of electrospun silk mats. <i>Materials Science and Engineering C</i> , 2013 , 33, 1945-50	8.3	39
35	Fabrication of conductive electrospun silk fibroin scaffolds by coating with polypyrrole for biomedical applications. <i>Bioelectrochemistry</i> , 2012 , 85, 36-43	5.6	129
34	A photoactivated nanofiber graft material for augmented Achilles tendon repair. <i>Lasers in Surgery and Medicine</i> , 2012 , 44, 645-52	3.6	34
33	Fibroin and sericin from <i>Bombyx mori</i> silk stimulate cell migration through upregulation and phosphorylation of c-Jun. <i>PLoS ONE</i> , 2012 , 7, e42271	3.7	72
32	Comparative inhibitory activity of the stilbenes resveratrol and oxyresveratrol on African swine fever virus replication. <i>Antiviral Research</i> , 2011 , 91, 57-63	10.8	60
31	Construction of a BmNPV polyhedrin-plus Bac-to-Bac baculovirus expression system for application in silkworm, <i>Bombyx mori</i> . <i>Applied Microbiology and Biotechnology</i> , 2010 , 87, 289-95	5.7	10

30	Purification and kinetic properties of human recombinant dihydrofolate reductase produced in <i>Bombyx mori</i> chrysalides. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 162, 1834-46	3.2	8
29	Genetic variability among local apricots (<i>Prunus armeniaca</i> L.) from the Southeast of Spain. <i>Spanish Journal of Agricultural Research</i> , 2009 , 7, 855	1.1	8
28	Efficient production of canine interferon-alpha in silkworm <i>Bombyx mori</i> by use of a BmNPV/Bac-to-Bac expression system. <i>Applied Microbiology and Biotechnology</i> , 2008 , 78, 221-6	5.7	18
27	Incidences and progression of tomato chlorosis virus disease and tomato yellow leaf curl virus disease in tomato under different greenhouse covers in southeast Spain. <i>Annals of Applied Biology</i> , 2008 , 153, 335-344	2.6	28
26	Distribution patterns of the Q and B biotypes of <i>Bemisia tabaci</i> in the Mediterranean Basin based on microsatellite variation. <i>Entomologia Experimentalis Et Applicata</i> , 2007 , 124, 327-336	2.1	44
25	PCR-RFLP identification of <i>Bemisia tabaci</i> biotypes in the Mediterranean Basin. <i>Phytoparasitica</i> , 2006 , 34, 243-251	1.5	51
24	Species identity of <i>Macrolophus melanotoma</i> (Costa 1853) and <i>Macrolophus pygmaeus</i> (Rambur 1839) (Insecta: Heteroptera: Miridae) based on morphological and molecular data and bionomic implications. <i>Insect Systematics and Evolution</i> , 2006 , 37, 385-404	0.6	50
23	New insights into the mitochondrial phylogeny of the whitefly <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) in the Mediterranean Basin. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2006 , 44, 25-33	1.9	41
22	Multiple origins of cultivated grapevine (<i>Vitis vinifera</i> L. ssp. <i>sativa</i>) based on chloroplast DNA polymorphisms. <i>Molecular Ecology</i> , 2006 , 15, 3707-14	5.7	332
21	Note: Current status of <i>Bemisia tabaci</i> in Coastal Croatia. <i>Phytoparasitica</i> , 2005 , 33, 60-64	1.5	15
20	Genetic structure of <i>Atriplex halimus</i> populations in the Mediterranean Basin. <i>Annals of Botany</i> , 2005 , 95, 827-34	4.1	48
19	Survey of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) biotypes in Italy with the description of a new biotype (T) from <i>Euphorbia characias</i> . <i>Bulletin of Entomological Research</i> , 2003 , 93, 259-64	1.7	68
18	Genetic Structure of Field Populations of Begomoviruses and of Their Vector <i>Bemisia tabaci</i> in Pakistan. <i>Phytopathology</i> , 2003 , 93, 1422-9	3.8	43
17	Biotype Q of <i>Bemisia tabaci</i> identified in Israel. <i>Phytoparasitica</i> , 2003 , 31, 94-98	1.5	114
16	Complete sequence of the Pepino mosaic virus RNA genome. <i>Archives of Virology</i> , 2002 , 147, 2009-15	2.6	71
15	Genetic diversity of Iberian populations of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) based on random amplified polymorphic DNA-polymerase chain reaction. <i>Molecular Ecology</i> , 2001 , 10, 891-7	5.7	104
14	Genetic relationships among biotypes of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) based on AFLP analysis. <i>Bulletin of Entomological Research</i> , 2000 , 90, 391-6	1.7	70
13	Spread of Tomato yellow leaf curl virus Sar from the Mediterranean Basin: Presence in the Canary Islands and Morocco. <i>Plant Disease</i> , 2000 , 84, 490	1.5	16

12	RAPD-PCR polymorphism and vegetative compatibility group variation in Spanish isolates of <i>Acremonium cucurbitacearum</i> . <i>Mycological Research</i> , 1999 , 103, 1173-1178		4
11	Use of sequence-tagged microsatellite site markers for characterizing table grape cultivars. <i>Genome</i> , 1999 , 42, 87-93	2.4	29
10	<i>Solanum nigrum</i> : an indigenous weed reservoir for a tomato yellow leaf curl geminivirus in southern Spain. <i>European Journal of Plant Pathology</i> , 1998 , 104, 221-222	2.1	41
9	Identification of table grape cultivars (<i>Vitis vinifera</i> L.) by the isoenzymes from the woody stems. <i>Genetic Resources and Crop Evolution</i> , 1998 , 45, 173-179	2	8
8	Biotype determination of Spanish populations of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>Bulletin of Entomological Research</i> , 1997 , 87, 587-593	1.7	163
7	Optimal Use of Random Amplified Polymorphic DNA in Estimating the Genetic Relationship of Four Major Meloidogynespp.. <i>Phytopathology</i> , 1995 , 85, 547	3.8	13
6	Reproductive Fitness and Random Amplified Polymorphic DNA Variation among Isolates of <i>Pratylenchus vulnus</i> . <i>Journal of Nematology</i> , 1994 , 26, 271-7	1.1	7
5	Identification of Aphid (Homoptera: Aphididae) Species and Clones by Random Amplified Polymorphic DNA. <i>Annals of the Entomological Society of America</i> , 1993 , 86, 545-550	2	74
4	Identification of Four Major Meloidogynespp. by Random Amplified Polymorphic DNA (RAPD-PCR). <i>Phytopathology</i> , 1993 , 83, 76	3.8	65
3	Rapid extraction of fungal DNA for PCR amplification. <i>Nucleic Acids Research</i> , 1992 , 20, 2380	20.1	455
2	Cytogenetic, Enzymatic, and Restriction Fragment Length Polymorphism Variation of Meloidogynespp. from Spain. <i>Phytopathology</i> , 1992 , 82, 527	3.8	7
1	Temperature Evaluation in Solarized Soils by Fourier Analysis. <i>Phytopathology</i> , 1989 , 79, 506	3.8	12