

# Joana M Ramis

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,019  
citations

361045

20  
h-index

476904

29  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercitrin and Taxifolin stimulate osteoblast differentiation in MC3T3-E1 cells and inhibit osteoclastogenesis in RAW 264.7 cells. <i>Biochemical Pharmacology</i> , 2013, 86, 1476-1486.	2.0	88
2	Flavonoidâ€Modified Surfaces: Multifunctional Bioactive Biomaterials with Osteopromotive, Antiâ€Inflammatory, and Antiâ€Fibrotic Potential. <i>Advanced Healthcare Materials</i> , 2015, 4, 540-549.	3.9	62
3	Anti-fibrotic and anti-inflammatory properties of melatonin on human gingival fibroblasts in vitro. <i>Biochemical Pharmacology</i> , 2013, 86, 1784-1790.	2.0	44
4	Quercitrin for periodontal regeneration: effects on human gingival fibroblasts and mesenchymal stem cells. <i>Scientific Reports</i> , 2015, 5, 16593.	1.6	41
5	Identification of Quercitrin as a Potential Therapeutic Agent for Periodontal Applications. <i>Journal of Periodontology</i> , 2014, 85, 966-974.	1.7	39
6	Inositol Hexakisphosphate Inhibits Osteoclastogenesis on RAW 264.7 Cells and Human Primary Osteoclasts. <i>PLoS ONE</i> , 2012, 7, e43187.	1.1	36
7	Direct Covalent Grafting of Phytate to Titanium Surfaces through Tiâ€Oâ€P Bonding Shows Bone Stimulating Surface Properties and Decreased Bacterial Adhesion. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11326-11335.	4.0	35
8	Quercitrin-nanocoated titanium surfaces favour gingival cells against oral bacteria. <i>Scientific Reports</i> , 2016, 6, 22444.	1.6	32
9	Depot- and Gender-related Differences in the Lipolytic Pathway of Adipose Tissue from Severely Obese Patients. <i>Cellular Physiology and Biochemistry</i> , 2006, 17, 173-180.	1.1	30
10	Safety Assessment of Nano-Hydroxyapatite as an Oral Care Ingredient according to the EU Cosmetics Regulation. <i>Cosmetics</i> , 2018, 5, 53.	1.5	30
11	Platelet-Derived Extracellular Vesicles for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8580.	1.8	30
12	Bioinspired Quercitrin Nanocoatings: A Fluorescence-Based Method for Their Surface Quantification, and Their Effect on Stem Cell Adhesion and Differentiation to the Osteoblastic Lineage. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16857-16864.	4.0	29
13	Sinus Graft With Safescraper: 5-Year Results. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 482-490.	0.5	28
14	Effect of Enamel Matrix Derivative and of Proline-Rich Synthetic Peptides on the Differentiation of Human Mesenchymal Stem Cells Toward the Osteogenic Lineage. <i>Tissue Engineering - Part A</i> , 2012, 18, 1253-1263.	1.6	27
15	Quercitrin Nanocoated Implant Surfaces Reduce Osteoclast Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3319.	1.8	26
16	In Vitro Osteogenic Properties of Two Dental Implant Surfaces. <i>International Journal of Biomaterials</i> , 2012, 2012, 1-14.	1.1	24
17	Differential Response of MC3T3-E1 and Human Mesenchymal Stem Cells to Inositol Hexakisphosphate. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 974-986.	1.1	23
18	Correlation between molecular signals and bone bonding to titanium implants. <i>Clinical Oral Implants Research</i> , 2013, 24, 1035-1043.	1.9	23

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19	Platelet-derived extracellular vesicles promote osteoinduction of mesenchymal stromal cells. <i>Bone and Joint Research</i> , 2020, 9, 667-674.	1.3	23
20	Xnrs and Activin Regulate Distinct Genes during <i>Xenopus</i> Development: Activin Regulates Cell Division. <i>PLoS ONE</i> , 2007, 2, e213.	1.1	22
21	Gene expression and morphometric parameters of human bone biopsies after maxillary sinus floor elevation with autologous bone combined with BioOss <sup>®</sup> or BoneCeramic <sup>®</sup> . <i>Clinical Oral Implants Research</i> , 2015, 26, 727-735.	1.9	20
22	The Arg64 allele of the $\beta$ 3-adrenoceptor gene but not the $\beta$ 3826G allele of the uncoupling protein 1 gene is associated with increased leptin levels in the Spanish population. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 1411-1416.	1.5	19
23	Tissue leptin and plasma insulin are associated with lipoprotein lipase activity in severely obese patients. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 279-285.	1.9	19
24	Purity Determines the Effect of Extracellular Vesicles Derived from Mesenchymal Stromal Cells. <i>Bone and Joint Research</i> , 2020, 9, 422.	1.8	18
25	A New Role for 5-methoxytryptophol On Bone Cells Function in Vitro. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 551-558.	1.2	17
26	Multifunctional Properties of Quercitrin-Coated Porous Ti-6Al-4V Implants for Orthopaedic Applications Assessed In Vitro. <i>Journal of Clinical Medicine</i> , 2020, 9, 855.	1.0	17
27	Synthetic Peptides Analogue to Enamel Proteins Promote Osteogenic Differentiation of MC3T3-E1 and Mesenchymal Stem Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2011, 1, 198-209.	0.0	17
28	Titanium implants coated with UV-irradiated vitamin D precursor and vitamin E: <i>in Vivo</i> performance and coating stability. <i>Clinical Oral Implants Research</i> , 2017, 28, 424-431.	1.9	14
29	Tuning Nanopore Diameter of Titanium Surfaces to Improve Human Gingival Fibroblast Response. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2881.	1.8	14
30	TiO <sub>2</sub> Scaffolds Sustain Differentiation of MC3T3-E1 Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2012, 2, 336-344.	0.0	14
31	Effect of Proline-Rich Synthetic Peptide-Coated Titanium Implants on Bone Healing in a Rabbit Model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e547-e555.	0.6	13
32	Biomimetic Biomolecules in Next Generation Xeno-Hybrid Bone Graft Material Show Enhanced In Vitro Bone Cells Response. <i>Journal of Clinical Medicine</i> , 2019, 8, 2159.	1.0	13
33	BMP4 micro-immunotherapy increases collagen deposition and reduces PGE2 release in human gingival fibroblasts and increases tissue viability of engineered 3D gingiva under inflammatory conditions. <i>Journal of Periodontology</i> , 2021, 92, 1448-1459.	1.7	13
34	Extracellular Vesicles in Cell Biology and Medicine. <i>Scientific Reports</i> , 2020, 10, 8667.	1.6	13
35	Oriented Cell Alignment Induced by a Nanostructured Titanium Surface Enhances Expression of Cell Differentiation Markers. <i>Nanomaterials</i> , 2019, 9, 1661.	1.9	12
36	Nanostructured Titanium for Improved Endothelial Biocompatibility and Reduced Platelet Adhesion in Stent Applications. <i>Coatings</i> , 2020, 10, 907.	1.2	12

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37	Identification of Early Response Genes to Roughness and Fluoride Modification of Titanium Implants in Human Osteoblasts. <i>Implant Dentistry</i> , 2012, 21, 141-149.	1.7	9
38	Improved human gingival fibroblast response to titanium implants coated with ultravioletâ€irradiated vitamin D precursor and vitamin E. <i>Journal of Periodontal Research</i> , 2016, 51, 342-349.	1.4	9
39	UV-irradiated 7-dehydrocholesterol coating on polystyrene surfaces is converted to active vitamin D by osteoblastic MC3T3-E1 cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1025-1035.	1.6	7
40	Cholecalciferol synthesized after UV-activation of 7-dehydrocholesterol onto titanium implants inhibits osteoclastogenesis <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2280-2288.	2.1	7
41	Evaluation of Platelet-Derived Extracellular Vesicles in Gingival Fibroblasts and Keratinocytes for Periodontal Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7668.	1.8	7
42	Smc1 is required for phosphorylation of RNA polymerase II and affects 3â€end processing of RNA at the midblastula transition in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 2009, 136, 3451-3461.	1.2	6
43	UV-activated 7-dehydrocholesterol-coated titanium implants promote differentiation of human umbilical cord mesenchymal stem cells into osteoblasts. <i>Journal of Biomaterials Applications</i> , 2016, 30, 770-779.	1.2	6
44	Improved physical and osteoinductive properties of demineralized bone matrix by gelatin methacryloyl formulation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 475-485.	1.3	6
45	Comparative In Vitro Evaluation of Commercial Periodontal Gels on Antibacterial, Biocompatibility and Wound Healing Ability. <i>Pharmaceutics</i> , 2021, 13, 1502.	2.0	5
46	Enhanced osteoinductive capacity and decreased variability by enrichment of demineralized bone matrix with a bone protein extract. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 103.	1.7	4
47	Labeling of Extracellular Vesicles for Monitoring Migration and Uptake in Cartilage Explants. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
48	Platelet-Derived Extracellular Vesicle Functionalization of Ti Implants. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
49	Evaluation of the Ideal Implant Insertion Time in Human Bone Biopsies After Sinus Elevation Using a Combination of Autologous Bone and Graft Substitute. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 891-899.	0.6	1
50	Customizing the extracellular vesicles release and effect by strategizing surface functionalization of titanium. <i>Scientific Reports</i> , 2022, 12, 7399.	1.6	1