

Maria Prat

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.

76
papers

3,409
citations

29
h-index

57
g-index

80
ext. papers

3,685
ext. citations

6.1
avg, IF

4.42
L-index

#	Paper	IF	Citations
76	Crystallization, Luminescence and Cytocompatibility of Hexagonal Calcium Doped Terbium Phosphate Hydrate Nanoparticles. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
75	Eu-Doped Citrate-Coated Carbonated Apatite Luminescent Nanoprobes for Drug Delivery. <i>Nanomaterials</i> , 2020 , 10,	5.4	4
74	Biomimetic Magnetite Nanoparticles as Targeted Drug Nanocarriers and Mediators of Hyperthermia in an Experimental Cancer Model. <i>Cancers</i> , 2020 , 12,	6.6	14
73	Nanoformulation Design Including MamC-Mediated Biomimetic Nanoparticles Allows the Simultaneous Application of Targeted Drug Delivery and Magnetic Hyperthermia. <i>Polymers</i> , 2020 , 12,	4.5	6
72	Functionalized Biomimetic Magnetic Nanoparticles as Effective Nanocarriers for Targeted Chemotherapy. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1900057	3.1	12
71	Bioinspired Mineralization of Type I Collagen Fibrils with Apatite in Presence of Citrate and Europium Ions. <i>Crystals</i> , 2019 , 9, 13	2.3	5
70	Induced Nucleation of Biomimetic Nanoapatites on Exfoliated Graphene Biomolecule Flakes by Vapor Diffusion in Microdroplets. <i>Crystals</i> , 2019 , 9, 341	2.3	1
69	Tumor Targeting by Monoclonal Antibody Functionalized Magnetic Nanoparticles. <i>Nanomaterials</i> , 2019 , 9,	5.4	14
68	Bioinspired crystallization, sensitized luminescence and cytocompatibility of citrate-functionalized Ca-substituted europium phosphate monohydrate nanophosphors. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 174-186	9.3	7
67	Luminescent biomimetic citrate-coated europium-doped carbonated apatite nanoparticles for use in bioimaging: physico-chemistry and cytocompatibility.. <i>RSC Advances</i> , 2018 , 8, 2385-2397	3.7	25
66	Patient-Specific iPSC-Derived Endothelial Cells Provide Long-Term Phenotypic Correction of Hemophilia A. <i>Stem Cell Reports</i> , 2018 , 11, 1391-1406	8	33
65	pH-Dependent Adsorption Release of Doxorubicin on MamC-Biomimetic Magnetite Nanoparticles. <i>Langmuir</i> , 2018 , 34, 13713-13724	4	28
64	Isolation of Stromal Stem Cells from Adipose Tissue. <i>Methods in Molecular Biology</i> , 2017 , 1553, 169-182	1.4	2
63	A Novel Platform for Immune Tolerance Induction in Hemophilia A Mice. <i>Molecular Therapy</i> , 2017 , 25, 1815-1830	11.7	38
62	Tumor targeting by lentiviral vectors combined with magnetic nanoparticles in mice. <i>Acta Biomaterialia</i> , 2017 , 59, 303-316	10.8	22
61	Kupffer Cell Transplantation in Mice for Elucidating Monocyte/Macrophage Biology and for Potential in Cell or Gene Therapy. <i>American Journal of Pathology</i> , 2016 , 186, 539-51	5.8	22
60	Bioinspired Citrate-Apatite Nanocrystals Doped with Divalent Transition Metal Ions. <i>Crystal Growth and Design</i> , 2016 , 16, 145-153	3.5	26

59	Cell Penetrating Peptide Adsorption on Magnetite and Silica Surfaces: A Computational Investigation. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8239-46	3.4	28
58	Extrahepatic sources of factor VIII potentially contribute to the coagulation cascade correcting the bleeding phenotype of mice with hemophilia A. <i>Haematologica</i> , 2015 , 100, 881-92	6.6	29
57	Human Cardiac Progenitor Spheroids Exhibit Enhanced Engraftment Potential. <i>PLoS ONE</i> , 2015 , 10, e0137999	3.7	16
56	Monoclonal antibody-targeted fluorescein-5-isothiocyanate-labeled biomimetic nanoapatites: a promising fluorescent probe for imaging applications. <i>Langmuir</i> , 2015 , 31, 1766-75	4	18
55	Monophasic and biphasic electrical stimulation induces a precardiac differentiation in progenitor cells isolated from human heart. <i>Stem Cells and Development</i> , 2014 , 23, 888-98	4.4	37
54	Protective effects of clovamide against H ₂ O ₂ -induced stress in rat cardiomyoblasts H9c2 cell line. <i>Food and Function</i> , 2014 , 5, 2542-51	6.1	9
53	Electrical stimuli in stem cell production and differentiation: an important factor?. <i>Pharmaceutical Bioprocessing</i> , 2014 , 2, 487-489		
52	Monoclonal Antibodies against the MET/HGF Receptor and Its Ligand: Multitask Tools with Applications from Basic Research to Therapy. <i>Biomedicines</i> , 2014 , 2, 359-383	4.8	12
51	Cell surface receptor targeted biomimetic apatite nanocrystals for cancer therapy. <i>Small</i> , 2013 , 9, 3834-44		62
50	Different expression and function of the endocannabinoid system in human epicardial adipose tissue in relation to heart disease. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 499-509	3.8	22
49	Isolation and characterization of a spontaneously immortalized multipotent mesenchymal cell line derived from mouse subcutaneous adipose tissue. <i>Stem Cells and Development</i> , 2013 , 22, 2873-84	4.4	18
48	pH-responsive delivery of doxorubicin from citrate-apatite nanocrystals with tailored carbonate content. <i>Langmuir</i> , 2013 , 29, 8213-21	4	73
47	Advances and applications of induced pluripotent stem cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 317-25	2.4	9
46	Crystallization of bioinspired citrate-functionalized nanoapatite with tailored carbonate content. <i>Acta Biomaterialia</i> , 2012 , 8, 3491-9	10.8	105
45	Preparation of core-shell poly(L-lactic) acid-nanocrystalline apatite hollow microspheres for bone repairing applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 2659-69	4.5	16
44	Electrostatic Spray Deposition of Biomimetic Nanocrystalline Apatite Coatings onto Titanium. <i>Advanced Engineering Materials</i> , 2012 , 14, B13-B20	3.5	35
43	Preparation of injectable auto-forming alginate gel containing simvastatin with amorphous calcium phosphate as a controlled release medium and their therapeutic effect in osteoporosis model rat. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 1291-7	4.5	23
42	Conjugation of hydroxyapatite nanocrystals with human immunoglobulin G for nanomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 90, 1-7	6	43

41	Adsorption and spectroscopic characterization of lactoferrin on hydroxyapatite nanocrystals. <i>Dalton Transactions</i> , 2011 , 40, 820-7	4.3	47
40	Diacylglycerol kinases are essential for hepatocyte growth factor-dependent proliferation and motility of Kaposi's sarcoma cells. <i>Cancer Science</i> , 2011 , 102, 1329-36	6.9	19
39	Human cardiac progenitor cell grafts as unrestricted source of supernumerary cardiac cells in healthy murine hearts. <i>Stem Cells</i> , 2011 , 29, 2051-61	5.8	42
38	Pharmacological postconditioning protects against hepatic ischemia/reperfusion injury. <i>Liver Transplantation</i> , 2011 , 17, 474-82	4.5	37
37	Cooperation of biological and mechanical signals in cardiac progenitor cell differentiation. <i>Advanced Materials</i> , 2011 , 23, 514-8	24	30
36	Amino Acidic Control of Calcium Phosphate Precipitation by Using the Vapor Diffusion Method in Microdroplets. <i>Crystal Growth and Design</i> , 2011 , 11, 4802-4809	3.5	39
35	Agonist monoclonal antibodies against HGF receptor protect cardiac muscle cells from apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1155-65	5.2	25
34	The Cooperative Effect of Size and Crystallinity Degree on the Resorption of Biomimetic Hydroxyapatite for Soft Tissue Augmentation. <i>International Journal of Artificial Organs</i> , 2010 , 33, 765-774	1.9	18
33	Conformational modifications of serum albumins adsorbed on different kinds of biomimetic hydroxyapatite nanocrystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 274-84	6	37
32	Deletion of the ectodomain unleashes the transforming, invasive, and tumorigenic potential of the MET oncogene. <i>Cancer Science</i> , 2009 , 100, 633-8	6.9	28
31	Co-expression of plexin-B1 and Met in human breast and ovary tumours enhances the risk of progression. <i>Cellular Oncology</i> , 2009 , 31, 423-36		21
30	Use of gonadotropin-releasing hormone antagonists to overcome the drawbacks of intrauterine insemination on weekends. <i>Fertility and Sterility</i> , 2006 , 85, 573-7	4.8	23
29	Hepatocyte growth factor effects on mesenchymal stem cells: proliferation, migration, and differentiation. <i>Stem Cells</i> , 2006 , 24, 23-33	5.8	322
28	Agonist Met antibodies define the signalling threshold required for a full mitogenic and invasive program of Kaposi's Sarcoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 334, 1172-9	3.4	14
27	Met identification on human platelets: role of hepatocyte growth factor in the modulation of platelet activation. <i>FEBS Letters</i> , 2005 , 579, 4550-4	3.8	12
26	Stem cell activation sustains hereditary hypertrophy in hamster cardiomyopathy. <i>Journal of Pathology</i> , 2005 , 205, 397-407	9.4	20
25	Papillary carcinoma of the thyroid: evidence for a role for hepatocyte growth factor (HGF) in promoting tumour angiogenesis. <i>Journal of Pathology</i> , 2003 , 199, 243-50	9.4	29
24	Feline STK gene expression in mammary carcinomas. <i>Oncogene</i> , 2002 , 21, 1785-90	9.2	26

23	Ghrelin and des-acyl ghrelin inhibit cell death in cardiomyocytes and endothelial cells through ERK1/2 and PI 3-kinase/AKT. <i>Journal of Cell Biology</i> , 2002 , 159, 1029-37	7.3	600
22	Met protein and hepatocyte growth factor (HGF) in papillary carcinoma of the thyroid: evidence for a pathogenetic role in tumourigenesis. <i>Journal of Pathology</i> , 2001 , 194, 4-8	9.4	41
21	Expression of functional tyrosine kinases on immortalized Kaposi's sarcoma cells. <i>Journal of Cellular Physiology</i> , 2000 , 184, 246-54	7	15
20	Expression of Hepatocyte Growth Factor (HGF) and its Receptor (MET) in Medullary Carcinoma of the Thyroid. <i>Endocrine Pathology</i> , 2000 , 11, 19-30	4.2	60
19	Phenotypic alterations in Kaposi's sarcoma cells by antisense reduction of perlecan. <i>Pathology and Oncology Research</i> , 2000 , 6, 10-7	2.6	22
18	Papillary carcinoma of the thyroid: hepatocyte growth factor (HGF) stimulates tumor cells to release chemokines active in recruiting dendritic cells. <i>American Journal of Pathology</i> , 2000 , 156, 831-7	5.8	116
17	Molecular characterization of HHV-8 positive primary effusion lymphoma reveals pathogenetic and histogenetic features of the disease. <i>Journal of Clinical Virology</i> , 2000 , 16, 215-24	14.5	23
16	Hepatocyte growth factor (HGF) stimulates tumour invasiveness in papillary carcinoma of the thyroid. <i>Journal of Pathology</i> , 1999 , 189, 570-5	9.4	27
15	Expression of Met protein and urokinase-type plasminogen activator receptor (uPA-R) in papillary carcinoma of the thyroid. <i>Journal of Pathology</i> , 1998 , 186, 287-91	9.4	35
14	Activated ras and ret oncogenes induce over-expression of c-met (hepatocyte growth factor receptor) in human thyroid epithelial cells. <i>Oncogene</i> , 1997 , 14, 2417-23	9.2	130
13	Expression of Met protein in thyroid tumours. <i>Journal of Pathology</i> , 1996 , 180, 266-70	9.4	72
12	Over-expression of hepatocyte growth factor in human Kaposi's sarcoma. <i>International Journal of Cancer</i> , 1996 , 65, 168-72	7.5	32
11	Overexpression of the met/HGF receptor in renal cell carcinomas. <i>International Journal of Cancer</i> , 1996 , 69, 212-7	7.5	112
10	In vivo activation of met tyrosine kinase by heterodimeric hepatocyte growth factor molecule promotes angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 1857-65	9.4	78
9	Overexpression of c-met protooncogene product and raised Ki67 index in hepatocellular carcinomas with respect to benign liver conditions. <i>Hepatology</i> , 1995 , 21, 1543-1546	11.2	31
8	Immunocyodiagnosis of atypical hyperplasia and endometrial carcinoma in post-menopausal women. <i>International Journal of Cancer</i> , 1992 , 51, 869-72	7.5	3
7	The receptor encoded by the human c-MET oncogene is expressed in hepatocytes, epithelial cells and solid tumors. <i>International Journal of Cancer</i> , 1991 , 49, 323-8	7.5	269
6	Use of monoclonal antibodies in solid tumors diagnosis-the endometrial carcinoma. <i>Cytotechnology</i> , 1991 , 5, 35-40	2.2	

5	Ductal cancers of the pancreas frequently express markers of gastrointestinal epithelial cells. <i>Gastroenterology</i> , 1990 , 98, 1655-65	13.3	95
4	Tyrosine kinase and control of cell proliferation. <i>The American Review of Respiratory Disease</i> , 1990 , 142, S16-9		12
3	Biochemical and immunological properties of the human carcinoma antigen CAR-5 defined by the monoclonal antibody BD-5. <i>International Journal of Cancer</i> , 1989 , 44, 67-74	7.5	8
2	Comparison of blocked and non-blocked ricin-antibody immunotoxins against human gastric carcinoma and colorectal adenocarcinoma cell lines. <i>Cancer Immunology, Immunotherapy</i> , 1988 , 27, 233-40 ⁴		16
1	Expression of the monoclonal antibody-defined CAR-3 epitope on neoplastic and preneoplastic lesions of the colon mucosa. <i>European Journal of Cancer & Clinical Oncology</i> , 1987 , 23, 923-32		5