

Joachim H Clement

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.

29
papers

2,196
citations

20
h-index

32
g-index

32
ext. papers

2,599
ext. citations

7.2
avg, IF

3.9
L-index

#	Paper	IF	Citations
29	Towards standardized purification of bacterial magnetic nanoparticles for future in vivo applications. <i>Acta Biomaterialia</i> , 2021 , 120, 293-303	10.8	14
28	Reactive Nanoparticles Derived from Polysaccharide Phenyl Carbonates. <i>Molecules</i> , 2021 , 26,	4.8	1
27	Biocompatibility, uptake and subcellular localization of bacterial magnetosomes in mammalian cells. <i>Nanoscale Advances</i> , 2021 , 3, 3799-3815	5.1	4
26	Biocompatible Magnetic Fluids of Co-Doped Iron Oxide Nanoparticles with Tunable Magnetic Properties. <i>Nanomaterials</i> , 2020 , 10,	5.4	24
25	Inhibition of bone morphogenetic protein signaling reduces viability, growth and migratory potential of non-small cell lung carcinoma cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019 , 145, 2675-2687	4.9	2
24	Protein corona formation and its constitutional changes on magnetic nanoparticles in serum featuring a polydehydroalanine coating: effects of charge and incubation conditions. <i>Nanotechnology</i> , 2019 , 30, 265707	3.4	13
23	Integrative and comparative genomic analyses identify clinically relevant pulmonary carcinoid groups and unveil the supra-carcinoids. <i>Nature Communications</i> , 2019 , 10, 3407	17.4	64
22	Integrative genomic profiling of large-cell neuroendocrine carcinomas reveals distinct subtypes of high-grade neuroendocrine lung tumors. <i>Nature Communications</i> , 2018 , 9, 1048	17.4	152
21	Magnetic Nanoparticles Interact and Pass an In Vitro Co-Culture Blood-Placenta Barrier Model. <i>Nanomaterials</i> , 2018 , 8,	5.4	20
20	Comprehensive analysis of the in vitro and ex ovo hemocompatibility of surface engineered iron oxide nanoparticles for biomedical applications. <i>Archives of Toxicology</i> , 2017 , 91, 3271-3286	5.8	38
19	Zwitterionic Iron Oxide (Fe ₃ O ₄) Nanoparticles Based on P(2VP-grad-AA) Copolymers. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600637	4.8	7
18	Influence of Sterilization and Preservation Procedures on the Integrity of Serum Protein-Coated Magnetic Nanoparticles. <i>Nanomaterials</i> , 2017 , 7,	5.4	11
17	Intentional formation of a protein corona on nanoparticles: Serum concentration affects protein corona mass, surface charge, and nanoparticle-cell interaction. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 75, 196-202	5.6	88
16	Magnetic particle spectroscopy allows precise quantification of nanoparticles after passage through human brain microvascular endothelial cells. <i>Physics in Medicine and Biology</i> , 2016 , 61, 3986-4000	3.8	13
15	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. <i>Nanoscale Research Letters</i> , 2015 , 10, 992	5	26
14	Identification of novel fusion genes in lung cancer using breakpoint assembly of transcriptome sequencing data. <i>Genome Biology</i> , 2015 , 16, 7	18.3	39
13	Superparamagnetic iron oxide nanoparticles exert different cytotoxic effects on cells grown in monolayer cell culture versus as multicellular spheroids. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 380, 27-33	2.8	26

12	SPION@polydehydroalanine hybrid particles. <i>RSC Advances</i> , 2015 , 5, 31920-31929	3.7	24
11	Suitability of Viability Assays for Testing Biological Effects of Coated Superparamagnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2013 , 49, 383-388	2	14
10	Temperature: the "ignored" factor at the NanoBio interface. <i>ACS Nano</i> , 2013 , 7, 6555-62	16.7	253
9	Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. <i>Nature Genetics</i> , 2012 , 44, 1104-10	36.3	919
8	Amino-functionalized cellulose nanoparticles: preparation, characterization, and interactions with living cells. <i>Macromolecular Bioscience</i> , 2012 , 12, 920-5	5.5	55
7	Ferrofluids of magnetic multicore nanoparticles for biomedical applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1501-1504	2.8	119
6	Differential interaction of magnetic nanoparticles with tumor cells and peripheral blood cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006 , 132, 287-92	4.9	45
5	Bone morphogenetic protein 2 (BMP-2) induces in vitro invasion and in vivo hormone independent growth of breast carcinoma cells. <i>International Journal of Oncology</i> , 2005 , 27, 401-7	1	50
4	Molecular cytogenetic characterization of an acquired minute supernumerary marker chromosome as the sole abnormality in a case clinically diagnosed as atypical Philadelphia-negative chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , 2001 , 113, 435-8	4.5	21
3	Bone morphogenetic protein 2 (BMP-2) induces sequential changes of Id gene expression in the breast cancer cell line MCF-7. <i>Journal of Cancer Research and Clinical Oncology</i> , 2000 , 126, 271-9	4.9	70
2	Expression of bone morphogenetic protein 6 in normal mammary tissue and breast cancer cell lines and its regulation by epidermal growth factor. <i>International Journal of Cancer</i> , 1999 , 80, 250-6	7.5	48
1	Expression, regulation and clinical significance of bone morphogenetic protein 6 in esophageal squamous-cell carcinoma. <i>International Journal of Cancer</i> , 1999 , 83, 38-44	7.5	36