Joachim H Clement

List of Publications by Citations

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	Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. *Nature Genetics*, **2012**, 44, 1104-10	36.3	919
28	Temperature: the "ignored" factor at the NanoBio interface. *ACS Nano*, **2013**, 7, 6555-62	16.7	253
27	Integrative genomic profiling of large-cell neuroendocrine carcinomas reveals distinct subtypes of high-grade neuroendocrine lung tumors. *Nature Communications*, **2018**, 9, 1048	17.4	152
26	Ferrofluids of magnetic multicore nanoparticles for biomedical applications. *Journal of Magnetism and Magnetic Materials*, **2009**, 321, 1501-1504	2.8	119
25	Intentional formation of a protein corona on nanoparticles: Serum concentration affects protein corona mass, surface charge, and nanoparticle-cell interaction. *International Journal of Biochemistry and Cell Biology*, **2016**, 75, 196-202	5.6	88
24	Bone morphogenetic protein 2 (BMP-2) induces sequential changes of Id gene expression in the breast cancer cell line MCF-7. *Journal of Cancer Research and Clinical Oncology*, **2000**, 126, 271-9	4.9	70
23	Integrative and comparative genomic analyses identify clinically relevant pulmonary carcinoid groups and unveil the supra-carcinoids. *Nature Communications*, **2019**, 10, 3407	17.4	64
22	Amino-functionalized cellulose nanoparticles: preparation, characterization, and interactions with living cells. *Macromolecular Bioscience*, **2012**, 12, 920-5	5.5	55
21	Bone morphogenetic protein 2 (BMP-2) induces in vitro invasion and in vivo hormone independent growth of breast carcinoma cells. *International Journal of Oncology*, **2005**, 27, 401-7	1	50
20	Expression of bone morphogenetic protein 6 in normal mammary tissue and breast cancer cell lines and its regulation by epidermal growth factor. *International Journal of Cancer*, **1999**, 80, 250-6	7.5	48
19	Differential interaction of magnetic nanoparticles with tumor cells and peripheral blood cells. *Journal of Cancer Research and Clinical Oncology*, **2006**, 132, 287-92	4.9	45
18	Identification of novel fusion genes in lung cancer using breakpoint assembly of transcriptome sequencing data. *Genome Biology*, **2015**, 16, 7	18.3	39
17	Comprehensive analysis of the in vitro and ex ovo hemocompatibility of surface engineered iron oxide nanoparticles for biomedical applications. *Archives of Toxicology*, **2017**, 91, 3271-3286	5.8	38
16	Expression, regulation and clinical significance of bone morphogenetic protein 6 in esophageal squamous-cell carcinoma. *International Journal of Cancer*, **1999**, 83, 38-44	7.5	36
15	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. *Nanoscale Research Letters*, **2015**, 10, 992	5	26
14	Superparamagnetic iron oxide nanoparticles exert different cytotoxic effects on cells grown in monolayer cell culture versus as multicellular spheroids. *Journal of Magnetism and Magnetic Materials*, **2015**, 380, 27-33	2.8	26
13	Biocompatible Magnetic Fluids of Co-Doped Iron Oxide Nanoparticles with Tunable Magnetic Properties. *Nanomaterials*, **2020**, 10,	5.4	24

12	SPION@polydehydroalanine hybrid particles. *RSC Advances*, **2015**, 5, 31920-31929	3.7	24
11	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. *British Journal of Haematology*, **2001**, 113, 435-8	4.5	21
10	Magnetic Nanoparticles Interact and Pass an In Vitro Co-Culture Blood-Placenta Barrier Model. *Nanomaterials*, **2018**, 8,	5.4	20
9	Suitability of Viability Assays for Testing Biological Effects of Coated Superparamagnetic Nanoparticles. *IEEE Transactions on Magnetics*, **2013**, 49, 383-388	2	14
8	Towards standardized purification of bacterial magnetic nanoparticles for future in vivo applications. *Acta Biomaterialia*, **2021**, 120, 293-303	10.8	14
7	Protein corona formation and its constitutional changes on magnetic nanoparticles in serum featuring a polydehydroalanine coating: effects of charge and incubation conditions. *Nanotechnology*, **2019**, 30, 265707	3.4	13
6	Magnetic particle spectroscopy allows precise quantification of nanoparticles after passage through human brain microvascular endothelial cells. *Physics in Medicine and Biology*, **2016**, 61, 3986-4000	3.8	13
5	Influence of Sterilization and Preservation Procedures on the Integrity of Serum Protein-Coated Magnetic Nanoparticles. *Nanomaterials*, **2017**, 7,	5.4	11
4	Zwitterionic Iron Oxide (Fe O) Nanoparticles Based on P(2VP-grad-AA) Copolymers. *Macromolecular Rapid Communications*, **2017**, 38, 1600637	4.8	7
3	Biocompatibility, uptake and subcellular localization of bacterial magnetosomes in mammalian cells. *Nanoscale Advances*, **2021**, 3, 3799-3815	5.1	4
2	Inhibition of bone morphogenetic protein signaling reduces viability, growth and migratory potential of non-small cell lung carcinoma cells. *Journal of Cancer Research and Clinical Oncology*, **2019**, 145, 2675-2687	4.9	2
1	Reactive Nanoparticles Derived from Polysaccharide Phenyl Carbonates. *Molecules*, **2021**, 26,	4.8	1