Joachim H Clement

List of Publications by Year
in descending order

32 papers	2,882 citations	361413 20 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	5786 citing authors

#	Article	IF	Citations
1	Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. Nature Genetics, 2012, 44, 1104-1110.	21.4	1,186
2	Temperature: The â€œIgnoredâ€•Factor at the NanoBio Interface. ACS Nano, 2013, 7, 6555-6562.	14.6	299
3	Integrative genomic profiling of large-cell neuroendocrine carcinomas reveals distinct subtypes of high-grade neuroendocrine lung tumors. Nature Communications, 2018, 9, 1048.	12.8	254
4	Ferrofluids of magnetic multicore nanoparticles for biomedical applications. Journal of Magnetism and Magnetic Materials, 2009, 321, 1501-1504.	2.3	139
5	Integrative and comparative genomic analyses identify clinicallyÂrelevant pulmonary carcinoidÂgroups and unveil the supra-carcinoids. Nature Communications, 2019, 10, 3407.	12.8	132
6	Intentional formation of a protein corona on nanoparticles: Serum concentration affects protein corona mass, surface charge, and nanoparticleâ€“cell interaction. International Journal of Biochemistry and Cell Biology, 2016, 75, 196-202.	2.8	118
7	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, 271-279.	2.5	72
8	Aminoâ€Functionalized Cellulose Nanoparticles: Preparation, Characterization, and Interactions with Living Cells. Macromolecular Bioscience, 2012, 12, 920-925.	4.1	59
9	Expression of bone morphogenetic protein 6 in normal mammary tissue and breast cancer cell lines and its regulation by epidermal growth factor. , 1999, 80, 250-256.		56
10	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.	3.3	51
11	Differential interaction of magnetic nanoparticles with tumor cells and peripheral blood cells. Journal of Cancer Research and Clinical Oncology, 2006, 132, 287-292.	2.5	50
12	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.	4.2	45
13	Identification of novel fusion genes in lung cancer using breakpoint assembly of transcriptome sequencing data. Genome Biology, 2015, 16, 7.	8.8	44
14	Biocompatible Magnetic Fluids of Co-Doped Iron Oxide Nanoparticles with Tunable Magnetic Properties. Nanomaterials, 2020, 10, 1019.	4.1	42
15	Expression, regulation and clinical significance of bone morphogenetic protein 6 in esophageal squamous-cell carcinoma. , 1999, 83, 38-44.		39
16	Towards standardized purification of bacterial magnetic nanoparticles for future in vivo applications. Acta Biomaterialia, 2021, 120, 293-303.	8.3	36
17	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. Nanoscale Research Letters, 2015, 10, 992.	5.7	31
18	Magnetic Nanoparticles Interact and Pass an In Vitro Co-Culture Blood-Placenta Barrier Model. Nanomaterials, 2018, 8, 108.	4.1	31

#	Article	IF	Citations
19	Molecular cytogenetic characterization of an acquired minute supernumerary marker chromosome as the sole abnormality in a case clinically diagnosed as atypical Philadelphiaâ€negative chronic myelogenous leukaemia. British Journal of Haematology, 2001, 113, 435-438.	2.5	29
20	SPION@polydehydroalanine hybrid particles. RSC Advances, 2015, 5, 31920-31929.	3.6	29
21	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.	2.3	28
22	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.	2.6	22
23	Influence of Sterilization and Preservation Procedures on the Integrity of Serum Protein-Coated Magnetic Nanoparticles. Nanomaterials, 2017, 7, 453.	4.1	18
24	Suitability of Viability Assays for Testing Biological Effects of Coated Superparamagnetic Nanoparticles. IEEE Transactions on Magnetics, 2013, 49, 383-388.	2.1	16
25	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.	3.0	16
26	Biocompatibility, uptake and subcellular localization of bacterial magnetosomes in mammalian cells. Nanoscale Advances, 2021, 3, 3799-3815.	4.6	10
27	Zwitterionic Iron Oxide (Î³â€Fe₂O₃) Nanoparticles Based on P(2VPâ€gradâ€AA) Copolymers. Macromolecular Rapid Communications, 2017, 38, 1600637.	3.9	9
28	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.	2.5	9
29	Histone demethylase KDM4C is a functional dependency in JAK2-mutated neoplasms. Leukemia, 0, , .	7.2	5
30	Hybrid nanomaterials of biomolecule corona coated magnetic nanoparticles and their interaction with biological systems. ChemistrySelect, 2022, 7, 1311-1344.	1.5	4
31	Reactive Nanoparticles Derived from Polysaccharide Phenyl Carbonates. Molecules, 2021, 26, 4026.	3.8	2
32	Magnetic hybrid materials interact with biological matrices. ChemistrySelect, 2022, 7, 1443-1500.	1.5	1