

Joachim H Clement

List of Publications by Year in descending order

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32
papers

2,882
citations

361413

20
h-index

477307

29
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32
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32
docs citations

32
times ranked

5786
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid nanomaterials of biomolecule corona coated magnetic nanoparticles and their interaction with biological systems. <i>ChemistrySelect</i> , 2022, 7, 1311-1344.	1.5	4
2	Magnetic hybrid materials interact with biological matrices. <i>ChemistrySelect</i> , 2022, 7, 1443-1500.	1.5	1
3	Towards standardized purification of bacterial magnetic nanoparticles for future in vivo applications. <i>Acta Biomaterialia</i> , 2021, 120, 293-303.	8.3	36
4	Reactive Nanoparticles Derived from Polysaccharide Phenyl Carbonates. <i>Molecules</i> , 2021, 26, 4026.	3.8	2
5	Biocompatibility, uptake and subcellular localization of bacterial magnetosomes in mammalian cells. <i>Nanoscale Advances</i> , 2021, 3, 3799-3815.	4.6	10
6	Biocompatible Magnetic Fluids of Co-Doped Iron Oxide Nanoparticles with Tunable Magnetic Properties. <i>Nanomaterials</i> , 2020, 10, 1019.	4.1	42
7	Integrative and comparative genomic analyses identify clinically relevant pulmonary carcinoid groups and unveil the supra-carcinoids. <i>Nature Communications</i> , 2019, 10, 3407.	12.8	132
8	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.	2.5	9
9	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.	2.6	22
10	Integrative genomic profiling of large-cell neuroendocrine carcinomas reveals distinct subtypes of high-grade neuroendocrine lung tumors. <i>Nature Communications</i> , 2018, 9, 1048.	12.8	254
11	Magnetic Nanoparticles Interact and Pass an In Vitro Co-Culture Blood-Placenta Barrier Model. <i>Nanomaterials</i> , 2018, 8, 108.	4.1	31
12	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.	4.2	45
13	Zwitterionic Iron Oxide (Fe_2O_3) Nanoparticles Based on P(2VP- <i>g</i> -AA) Copolymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600637.	3.9	9
14	Influence of Sterilization and Preservation Procedures on the Integrity of Serum Protein-Coated Magnetic Nanoparticles. <i>Nanomaterials</i> , 2017, 7, 453.	4.1	18
15	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.	3.0	16
16	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.	2.8	118
17	SPION@polydehydroalanine hybrid particles. <i>RSC Advances</i> , 2015, 5, 31920-31929.	3.6	29
18	Preparation of Core-Shell Hybrid Materials by Producing a Protein Corona Around Magnetic Nanoparticles. <i>Nanoscale Research Letters</i> , 2015, 10, 992.	5.7	31

#	ARTICLE	IF	CITATIONS
19	Identification of novel fusion genes in lung cancer using breakpoint assembly of transcriptome sequencing data. <i>Genome Biology</i> , 2015, 16, 7.	8.8	44
20	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.	2.3	28
21	Suitability of Viability Assays for Testing Biological Effects of Coated Superparamagnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 383-388.	2.1	16
22	Temperature: The "Ignored" Factor at the NanoBio Interface. <i>ACS Nano</i> , 2013, 7, 6555-6562.	14.6	299
23	Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. <i>Nature Genetics</i> , 2012, 44, 1104-1110.	21.4	1,186
24	Amino-Functionalized Cellulose Nanoparticles: Preparation, Characterization, and Interactions with Living Cells. <i>Macromolecular Bioscience</i> , 2012, 12, 920-925.	4.1	59
25	Ferrofluids of magnetic multicore nanoparticles for biomedical applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1501-1504.	2.3	139
26	Differential interaction of magnetic nanoparticles with tumor cells and peripheral blood cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 287-292.	2.5	50
27	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.	3.3	51
28	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, 435-438.	2.5	29
29	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, 271-279.	2.5	72
30	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
31	Expression, regulation and clinical significance of bone morphogenetic protein 6 in esophageal squamous-cell carcinoma. , 1999, 83, 38-44.		39
32	Histone demethylase KDM4C is a functional dependency in JAK2-mutated neoplasms. <i>Leukemia</i> , 0, , .	7.2	5