

Joo Conde

List of Publications by Citations

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89
papers

4,937
citations

36
h-index

69
g-index

106
ext. papers

6,257
ext. citations

10.7
avg, IF

6.04
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 89 | Noble metal nanoparticles for biosensing applications. <i>Sensors</i> , 2012 , 12, 1657-87 | 3.8 | 479 |
| 88 | Local triple-combination therapy results in tumour regression and prevents recurrence in a colon cancer model. <i>Nature Materials</i> , 2016 , 15, 1128-38 | 27 | 315 |
| 87 | Noble metal nanoparticles applications in cancer. <i>Journal of Drug Delivery</i> , 2012 , 2012, 751075 | 2.3 | 304 |
| 86 | Revisiting 30 years of biofunctionalization and surface chemistry of inorganic nanoparticles for nanomedicine. <i>Frontiers in Chemistry</i> , 2014 , 2, 48 | 5 | 254 |
| 85 | Fullerene: biomedical engineers get to revisit an old friend. <i>Materials Today</i> , 2017 , 20, 460-480 | 21.8 | 194 |
| 84 | Design of multifunctional gold nanoparticles for in vitro and in vivo gene silencing. <i>ACS Nano</i> , 2012 , 6, 8316-24 | 16.7 | 193 |
| 83 | Self-assembled RNA-triple-helix hydrogel scaffold for microRNA modulation in the tumour microenvironment. <i>Nature Materials</i> , 2016 , 15, 353-63 | 27 | 175 |
| 82 | Nanotechnology-based disinfectants and sensors for SARS-CoV-2. <i>Nature Nanotechnology</i> , 2020 , 15, 618-621 | 28.7 | 171 |
| 81 | Dual targeted immunotherapy via delivery of biohybrid RNAi-peptide nanoparticles to tumour-associated macrophages and cancer cells. <i>Advanced Functional Materials</i> , 2015 , 25, 4183-4194 | 15.6 | 153 |
| 80 | Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , 2018 , 12, 4105-4115 | 16.7 | 144 |
| 79 | Designing Hydrogels for On-Demand Therapy. <i>Accounts of Chemical Research</i> , 2017 , 50, 669-679 | 24.3 | 136 |
| 78 | Dual-Color Emissive Upconversion Nanocapsules for Differential Cancer Bioimaging In Vivo. <i>ACS Nano</i> , 2016 , 10, 1512-21 | 16.7 | 130 |
| 77 | In vivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. <i>Biomaterials</i> , 2013 , 34, 7744-53 | 15.6 | 117 |
| 76 | Biopolymers for Antitumor Implantable Drug Delivery Systems: Recent Advances and Future Outlook. <i>Advanced Materials</i> , 2018 , 30, e1706665 | 24 | 109 |
| 75 | Revisiting the classification of NIR-absorbing/emitting nanomaterials for in vivo bioapplications. <i>NPG Asia Materials</i> , 2016 , 8, e295-e295 | 10.3 | 105 |
| 74 | Implantable hydrogel embedded dark-gold nanoswitch as a theranostic probe to sense and overcome cancer multidrug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1278-87 | 11.5 | 100 |
| 73 | Gold nanostars for efficient in vitro and in vivo real-time SERS detection and drug delivery via plasmonic-tunable Raman/FTIR imaging. <i>Biomaterials</i> , 2016 , 106, 87-97 | 15.6 | 100 |

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| 72 | Antibody-drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. <i>Journal of Controlled Release</i> , 2014 , 183, 87-93 | 11.7 | 86 |
| 71 | Local microRNA delivery targets Palladin and prevents metastatic breast cancer. <i>Nature Communications</i> , 2016 , 7, 12868 | 17.4 | 85 |
| 70 | 3D hydrogel scaffold doped with 2D graphene materials for biosensors and bioelectronics. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 187-200 | 11.8 | 82 |
| 69 | Gold-nanobeacons for simultaneous gene specific silencing and intracellular tracking of the silencing events. <i>Biomaterials</i> , 2013 , 34, 2516-23 | 15.6 | 71 |
| 68 | Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , 2014 , 8, 521-32 | 5.3 | 69 |
| 67 | RNA quantification using gold nanoprobe - application to cancer diagnostics. <i>Journal of Nanobiotechnology</i> , 2010 , 8, 5 | 9.4 | 68 |
| 66 | 15 years on siRNA delivery: Beyond the State-of-the-Art on inorganic nanoparticles for RNAi therapeutics. <i>Nano Today</i> , 2015 , 10, 421-450 | 17.9 | 63 |
| 65 | Smart NIR linear and nonlinear optical nanomaterials for cancer theranostics: Prospects in photomedicine. <i>Progress in Materials Science</i> , 2017 , 88, 89-135 | 42.2 | 60 |
| 64 | Target-responsive DNA/RNA nanomaterials for microRNA sensing and inhibition: the jack-of-all-trades in cancer nanotheranostics?. <i>Advanced Drug Delivery Reviews</i> , 2015 , 81, 169-83 | 18.5 | 58 |
| 63 | Gold nanoprisms as a hybrid in vivo cancer theranostic platform for in situ photoacoustic imaging, angiography, and localized hyperthermia. <i>Nano Research</i> , 2016 , 9, 1043-1056 | 10 | 56 |
| 62 | Genotoxic effects of occupational exposure to lead and influence of polymorphisms in genes involved in lead toxicokinetics and in DNA repair. <i>Environment International</i> , 2012 , 43, 29-36 | 12.9 | 51 |
| 61 | Association of common variants in mismatch repair genes and breast cancer susceptibility: a multigene study. <i>BMC Cancer</i> , 2009 , 9, 344 | 4.8 | 51 |
| 60 | Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019.. <i>JAMA Oncology</i> , 2021 , | 13.4 | 51 |
| 59 | A promising road with challenges: where are gold nanoparticles in translational research?. <i>Nanomedicine</i> , 2014 , 9, 2353-70 | 5.6 | 50 |
| 58 | Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 870-905 | 40 | 43 |
| 57 | Are RNAi and miRNA therapeutics truly dead?. <i>Trends in Biotechnology</i> , 2015 , 33, 141-4 | 15.1 | 42 |
| 56 | Platinum-Triggered Bond-Cleavage of Pentynoyl Amide and -Propargyl Handles for Drug-Activation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10869-10880 | 16.4 | 38 |
| 55 | Gold-nanobeacons for real-time monitoring of RNA synthesis. <i>Biosensors and Bioelectronics</i> , 2012 , 36, 161-7 | 11.8 | 37 |

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| 54 | CRISPR Systems for COVID-19 Diagnosis. <i>ACS Sensors</i> , 2021 , 6, 1430-1445 | 9.2 | 37 |
| 53 | Personalizing Biomaterials for Precision Nanomedicine Considering the Local Tissue Microenvironment. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1584-99 | 10.1 | 36 |
| 52 | Nanophotonics for Molecular Diagnostics and Therapy Applications. <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-11 | 2.1 | 29 |
| 51 | RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. <i>Nanoscale</i> , 2015 , 7, 9083-91 | 7.7 | 28 |
| 50 | Bioresponsive antisense DNA gold nanobeacons as a hybrid in vivo theranostics platform for the inhibition of cancer cells and metastasis. <i>Scientific Reports</i> , 2015 , 5, 12297 | 4.9 | 28 |
| 49 | RNAi nanomaterials targeting immune cells as an anti-tumor therapy: the missing link in cancer treatment?. <i>Materials Today</i> , 2016 , 19, 29-43 | 21.8 | 26 |
| 48 | Nanomaterials for reversion of multidrug resistance in cancer: a new hope for an old idea?. <i>Frontiers in Pharmacology</i> , 2013 , 4, 134 | 5.6 | 26 |
| 47 | POxylated Polyurea Dendrimers: Smart Core-Shell Vectors with IC50 Lowering Capacity. <i>Macromolecular Bioscience</i> , 2015 , 15, 1045-51 | 5.5 | 25 |
| 46 | Effect of PEG biofunctional spacers and TAT peptide on dsRNA loading on gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1 | 2.3 | 25 |
| 45 | Investigating the role of shape on the biological impact of gold nanoparticles in vitro. <i>Nanomedicine</i> , 2015 , 10, 2643-57 | 5.6 | 24 |
| 44 | Plasmonic gold nanoparticles for detection of fungi and human cutaneous fungal infections. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4647-4658 | 4.4 | 24 |
| 43 | Chiral Antioxidant-based Gold Nanoclusters Reprogram DNA Epigenetic Patterns. <i>Scientific Reports</i> , 2016 , 6, 33436 | 4.9 | 21 |
| 42 | Liposomal nanotheranostics for multimode targeted in vivo bioimaging and near-infrared light mediated cancer therapy. <i>Communications Biology</i> , 2020 , 3, 284 | 6.7 | 20 |
| 41 | Prolonged Local In Vivo Delivery of Stimuli-Responsive Nanogels That Rapidly Release Doxorubicin in Triple-Negative Breast Cancer Cells. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901101 | 10.1 | 20 |
| 40 | In vitro transcription and translation inhibition via DNA functionalized gold nanoparticles. <i>Nanotechnology</i> , 2010 , 21, 505101 | 3.4 | 20 |
| 39 | Tetrazine Carbon Nanotubes for Pretargeted In Vivo "Click-to-Release" Bioorthogonal Tumour Imaging. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16023-16032 | 16.4 | 18 |
| 38 | Polyurea dendrimer for efficient cytosolic siRNA delivery. <i>RSC Advances</i> , 2014 , 4, 54872-54878 | 3.7 | 18 |
| 37 | Facts and Figures on Materials Science and Nanotechnology Progress and Investment. <i>ACS Nano</i> , 2021 , 15, 15940-15952 | 16.7 | 17 |

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| 36 | Oral pH sensitive GNS@ab nanoprobe for targeted therapy of Helicobacter pylori without disturbance gut microbiome. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 102019 | 6 | 15 |
| 35 | Significance of the balance between intracellular glutathione and polyethylene glycol for successful release of small interfering RNA from gold nanoparticles. <i>Nano Research</i> , 2015 , 8, 3281-3292 | 10 | 15 |
| 34 | Localized nanotheranostics: recent developments in cancer nanomedicine. <i>Materials Today Advances</i> , 2020 , 8, 100087 | 7.4 | 14 |
| 33 | Nanoparticle-antagomiR based targeting of miR-31 to induce osterix and osteocalcin expression in mesenchymal stem cells. <i>PLoS ONE</i> , 2018 , 13, e0192562 | 3.7 | 11 |
| 32 | Modification of plasmid DNA topology by 'histone-mimetic' gold nanoparticles. <i>Nanomedicine</i> , 2012 , 7, 1657-66 | 5.6 | 11 |
| 31 | Gold nanoparticle-siRNA mediated oncogene knockdown at RNA and protein level, with associated gene effects. <i>Nanomedicine</i> , 2015 , 10, 2513-25 | 5.6 | 10 |
| 30 | Biomaterials for Abrogating Metastasis: Bridging the Gap between Basic and Translational Research. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2312-9 | 10.1 | 9 |
| 29 | Microfluidic device for the point of need detection of a pathogen infection biomarker in grapes. <i>Analyst, The</i> , 2019 , 144, 4871-4879 | 5 | 9 |
| 28 | Performance of Hydrogenated Amorphous Silicon Thin Film Photosensors at Ultra-Low Light Levels: Towards Attomole Sensitivities in Lab-on-Chip Biosensing Applications. <i>IEEE Sensors Journal</i> , 2017 , 1-1 | 4 | 9 |
| 27 | RNA quantification using noble metal nanoprobe: simultaneous identification of several different mRNA targets using color multiplexing and application to cancer diagnostics. <i>Methods in Molecular Biology</i> , 2012 , 906, 71-87 | 1.4 | 9 |
| 26 | Revisiting the 'One Material Fits All' Rule for Cancer Nanotherapy. <i>Trends in Biotechnology</i> , 2016 , 34, 618-626 | 15.1 | 7 |
| 25 | Prodrug Polymeric Nanoconjugates Encapsulating Gold Nanoparticles for Enhanced X-Ray Radiation Therapy in Breast Cancer. <i>Advanced Healthcare Materials</i> , 2021 , e2102321 | 10.1 | 7 |
| 24 | Microfluidic device for multiplexed detection of fungal infection biomarkers in grape cultivars. <i>Analyst, The</i> , 2021 , 145, 7973-7984 | 5 | 7 |
| 23 | Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>ACS Central Science</i> , 2021 , 7, 868-881 | 16.8 | 7 |
| 22 | Empowering the Potential of Cell-Penetrating Peptides for Targeted Intracellular Delivery via Molecular Self-Assembly. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1030, 265-278 | 3.6 | 6 |
| 21 | Ultrahigh Penetration and Retention of Graphene Quantum Dot Mesoporous Silica Nanohybrids for Image Guided Tumor Regression.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1693-1703 | 4.1 | 6 |
| 20 | Gastric Parietal Cell and Intestinal Goblet Cell Secretion: a Novel Cell-Mediated In Vivo Metal Nanoparticle Metabolic Pathway Enhanced with Diarrhea Via Chinese Herbs. <i>Nanoscale Research Letters</i> , 2019 , 14, 79 | 5 | 5 |
| 19 | The Golden Age in Cancer Nanobiotechnology: Quo Vadis?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 142 | 5.8 | 5 |

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| 18 | Alloy metal nanoparticles for multicolor cancer diagnostics 2011 , | | 5 |
| 17 | Gold-Nanobeacons as a theranostic system for the detection and inhibition of specific genes. <i>Protocol Exchange</i> , | | 5 |
| 16 | Revisiting gene delivery to the brain: silencing and editing. <i>Biomaterials Science</i> , 2021 , 9, 1065-1087 | 7.4 | 5 |
| 15 | Global, regional, and national burden of colorectal cancer and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019.. <i>The Lancet Gastroenterology and Hepatology</i> , 2022 , | 18.8 | 5 |
| 14 | The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Oncology</i> , 2021 , | 21.7 | 4 |
| 13 | Burden of non-communicable diseases among adolescents aged 10-24 years in the EU, 1990-2019: a systematic analysis of the Global Burden of Diseases Study 2019.. <i>The Lancet Child and Adolescent Health</i> , 2022 , | 14.5 | 4 |
| 12 | Above and Beyond Cancer Therapy: Translating Biomaterials into the Clinic. <i>Trends in Cancer</i> , 2020 , 6, 730-732 | 12.5 | 3 |
| 11 | Osteogenic Differentiation of Human Mesenchymal Stem Cells by the Single Action of Luminescent Polyurea Oxide Biodendrimers.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 9101-9108 | 4.1 | 3 |
| 10 | A Versatile and Fully Integrated Hand-Held Device for Microfluidic-Based Biosensing: A Case Study of Plant Health Biomarkers. <i>IEEE Sensors Journal</i> , 2020 , 20, 14007-14015 | 4 | 2 |
| 9 | Nanomedicine-based strategies to target and modulate the tumor microenvironment. <i>Trends in Cancer</i> , 2021 , 7, 847-862 | 12.5 | 2 |
| 8 | Tetrazine Carbon Nanotubes for Pretargeted In Vivo Click-to-Release Bioorthogonal Tumour Imaging. <i>Angewandte Chemie</i> , 2020 , 132, 16157-16166 | 3.6 | 1 |
| 7 | Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. <i>Advances in Delivery Science and Technology</i> , 2014 , 295-328 | | 1 |
| 6 | Use of cyclodextrins as scavengers of inhibitory photo-products in light controlled in vitro synthesis of RNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 213, 147-151 | 4.7 | 1 |
| 5 | Displaying biofunctionality on materials through templated self-assembly 2018 , 341-370 | | 1 |
| 4 | Machine learning for next-generation nanotechnology in healthcare. <i>Matter</i> , 2021 , 4, 3078-3080 | 12.7 | 0 |
| 3 | R&K titelbild: Tetrazine Carbon Nanotubes for Pretargeted In Vivo Click-to-Release Bioorthogonal Tumour Imaging (Angew. Chem. 37/2020). <i>Angewandte Chemie</i> , 2020 , 132, 16388-16388 | 3.6 | |
| 2 | Cancer Therapy: Biomaterials for Abrogating Metastasis: Bridging the Gap between Basic and Translational Research (Adv. Healthcare Mater. 18/2016). <i>Advanced Healthcare Materials</i> , 2016 , 5, 2452-2452 | 10.1 | |
| 1 | Bioinspired soft nanovesicles for site-selective cancer imaging and targeted therapies.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022 , e1792 | 9.2 | |

