

# Joo Conde

## 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.

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	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> , <b>2022</b> ,	14.5	4
88	Bioinspired soft nanovesicles for site-selective cancer imaging and targeted therapies.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2022</b> , e1792	9.2	
87	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> , <b>2022</b> ,	18.8	5
86	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> , <b>2021</b> ,	13.4	51
85	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, The</i> , <b>2021</b> ,	21.7	4
84	Prodrug Polymeric Nanoconjugates Encapsulating Gold Nanoparticles for Enhanced X-Ray Radiation Therapy in Breast Cancer. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2102321	10.1	7
83	Machine learning for next-generation nanotechnology in healthcare. <i>Matter</i> , <b>2021</b> , 4, 3078-3080	12.7	0
82	Microfluidic device for multiplexed detection of fungal infection biomarkers in grape cultivars. <i>Analyst, The</i> , <b>2021</b> , 145, 7973-7984	5	7
81	Allosteric Antagonist Modulation of TRPV2 by Piperlongumine Impairs Glioblastoma Progression. <i>ACS Central Science</i> , <b>2021</b> , 7, 868-881	16.8	7
80	Revisiting gene delivery to the brain: silencing and editing. <i>Biomaterials Science</i> , <b>2021</b> , 9, 1065-1087	7.4	5
79	CRISPR Systems for COVID-19 Diagnosis. <i>ACS Sensors</i> , <b>2021</b> , 6, 1430-1445	9.2	37
78	Facts and Figures on Materials Science and Nanotechnology Progress and Investment. <i>ACS Nano</i> , <b>2021</b> , 15, 15940-15952	16.7	17
77	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> , <b>2021</b> , 398, 870-905	40	43
76	Nanomedicine-based strategies to target and modulate the tumor microenvironment. <i>Trends in Cancer</i> , <b>2021</b> , 7, 847-862	12.5	2
75	Ultrahigh Penetration and Retention of Graphene Quantum Dot Mesoporous Silica Nanohybrids for Image Guided Tumor Regression.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1693-1703	4.1	6
74	Platinum-Triggered Bond-Cleavage of Pentynoyl Amide and -Propargyl Handles for Drug-Activation. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10869-10880	16.4	38
73	Tetrazine Carbon Nanotubes for Pretargeted In Vivo Click-to-Release Bioorthogonal Tumour Imaging. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16157-16166	3.6	1

72	Liposomal nanotheranostics for multimode targeted in vivo bioimaging and near-infrared light mediated cancer therapy. <i>Communications Biology</i> , <b>2020</b> , 3, 284	6.7	20
71	Tetrazine Carbon Nanotubes for Pretargeted In Vivo "Click-to-Release" Bioorthogonal Tumour Imaging. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16023-16032	16.4	18
70	A Versatile and Fully Integrated Hand-Held Device for Microfluidic-Based Biosensing: A Case Study of Plant Health Biomarkers. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 14007-14015	4	2
69	Prolonged Local In Vivo Delivery of Stimuli-Responsive Nanogels That Rapidly Release Doxorubicin in Triple-Negative Breast Cancer Cells. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901101	10.1	20
68	Above and Beyond Cancer Therapy: Translating Biomaterials into the Clinic. <i>Trends in Cancer</i> , <b>2020</b> , 6, 730-732	12.5	3
67	Osteogenic Differentiation of Human Mesenchymal Stem Cells by the Single Action of Luminescent Polyurea Oxide Biodendrimers.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 9101-9108	4.1	3
66	Nanotechnology-based disinfectants and sensors for SARS-CoV-2. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 618-621	28.7	171
65	Localized nanotheranostics: recent developments in cancer nanomedicine. <i>Materials Today Advances</i> , <b>2020</b> , 8, 100087	7.4	14
64	Röntgenbild: Tetrazine Carbon Nanotubes for Pretargeted In Vivo "Click-to-Release" Bioorthogonal Tumour Imaging (Angew. Chem. 37/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16388-16388	3.6	
63	Oral pH sensitive GNS@ab nanoprobe for targeted therapy of Helicobacter pylori without disturbance gut microbiome. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 20, 102019	6	15
62	Microfluidic device for the point of need detection of a pathogen infection biomarker in grapes. <i>Analyst, The</i> , <b>2019</b> , 144, 4871-4879	5	9
61	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> , <b>2019</b> , 14, 79	5	5
60	Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , <b>2018</b> , 12, 4105-4115	16.7	144
59	Nanoparticle-antagomiR based targeting of miR-31 to induce osterix and osteocalcin expression in mesenchymal stem cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192562	3.7	11
58	Displaying biofunctionality on materials through templated self-assembly <b>2018</b> , 341-370		1
57	Biopolymers for Antitumor Implantable Drug Delivery Systems: Recent Advances and Future Outlook. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706665	24	109
56	3D hydrogel scaffold doped with 2D graphene materials for biosensors and bioelectronics. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 187-200	11.8	82
55	Fullerene: biomedical engineers get to revisit an old friend. <i>Materials Today</i> , <b>2017</b> , 20, 460-480	21.8	194

54	Smart NIR linear and nonlinear optical nanomaterials for cancer theranostics: Prospects in photomedicine. <i>Progress in Materials Science</i> , <b>2017</b> , 88, 89-135	42.2	60
53	Designing Hydrogels for On-Demand Therapy. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 669-679	24.3	136
52	Empowering the Potential of Cell-Penetrating Peptides for Targeted Intracellular Delivery via Molecular Self-Assembly. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 1030, 265-278	3.6	6
51	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> , <b>2017</b> , 1-1	4	9
50	Plasmonic gold nanoparticles for detection of fungi and human cutaneous fungal infections. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4647-4658	4.4	24
49	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> , <b>2016</b> , 106, 87-97	15.6	100
48	Biomaterials for Abrogating Metastasis: Bridging the Gap between Basic and Translational Research. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2312-9	10.1	9
47	Local triple-combination therapy results in tumour regression and prevents recurrence in a colon cancer model. <i>Nature Materials</i> , <b>2016</b> , 15, 1128-38	27	315
46	Chiral Antioxidant-based Gold Nanoclusters Reprogram DNA Epigenetic Patterns. <i>Scientific Reports</i> , <b>2016</b> , 6, 33436	4.9	21
45	Local microRNA delivery targets Palladin and prevents metastatic breast cancer. <i>Nature Communications</i> , <b>2016</b> , 7, 12868	17.4	85
44	Revisiting the 'One Material Fits All' Rule for Cancer Nanotherapy. <i>Trends in Biotechnology</i> , <b>2016</b> , 34, 618-626	15.1	7
43	Self-assembled RNA-triple-helix hydrogel scaffold for microRNA modulation in the tumour microenvironment. <i>Nature Materials</i> , <b>2016</b> , 15, 353-63	27	175
42	RNAi nanomaterials targeting immune cells as an anti-tumor therapy: the missing link in cancer treatment?. <i>Materials Today</i> , <b>2016</b> , 19, 29-43	21.8	26
41	Dual-Color Emissive Upconversion Nanocapsules for Differential Cancer Bioimaging In Vivo. <i>ACS Nano</i> , <b>2016</b> , 10, 1512-21	16.7	130
40	Gold nanoprisms as a hybrid in vivo cancer theranostic platform for in situ photoacoustic imaging, angiography, and localized hyperthermia. <i>Nano Research</i> , <b>2016</b> , 9, 1043-1056	10	56
39	Cancer Therapy: Biomaterials for Abrogating Metastasis: Bridging the Gap between Basic and Translational Research (Adv. Healthcare Mater. 18/2016). <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2452-2452	10.1	
38	Revisiting the classification of NIR-absorbing/emitting nanomaterials for in vivo bioapplications. <i>NPG Asia Materials</i> , <b>2016</b> , 8, e295-e295	10.3	105
37	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> , <b>2015</b> , 112, E1278-87	11.5	100

36	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. <i>Nanoscale</i> , <b>2015</b> , 7, 9083-91	7.7	28
35	Personalizing Biomaterials for Precision Nanomedicine Considering the Local Tissue Microenvironment. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 1584-99	10.1	36
34	POxylated Polyurea Dendrimers: Smart Core-Shell Vectors with IC50 Lowering Capacity. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 1045-51	5.5	25
33	15 years on siRNA delivery: Beyond the State-of-the-Art on inorganic nanoparticles for RNAi therapeutics. <i>Nano Today</i> , <b>2015</b> , 10, 421-450	17.9	63
32	Gold nanoparticle-siRNA mediated oncogene knockdown at RNA and protein level, with associated gene effects. <i>Nanomedicine</i> , <b>2015</b> , 10, 2513-25	5.6	10
31	Investigating the role of shape on the biological impact of gold nanoparticles in vitro. <i>Nanomedicine</i> , <b>2015</b> , 10, 2643-57	5.6	24
30	Significance of the balance between intracellular glutathione and polyethylene glycol for successful release of small interfering RNA from gold nanoparticles. <i>Nano Research</i> , <b>2015</b> , 8, 3281-3292	10	15
29	Target-responsive DNA/RNA nanomaterials for microRNA sensing and inhibition: the jack-of-all-trades in cancer nanotheranostics?. <i>Advanced Drug Delivery Reviews</i> , <b>2015</b> , 81, 169-83	18.5	58
28	Bioresponsive antisense DNA gold nanobeacons as a hybrid in vivo theranostics platform for the inhibition of cancer cells and metastasis. <i>Scientific Reports</i> , <b>2015</b> , 5, 12297	4.9	28
27	Dual targeted immunotherapy via delivery of biohybrid RNAi-peptide nanoparticles to tumour-associated macrophages and cancer cells. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 4183-4194	15.6	153
26	The Golden Age in Cancer Nanobiotechnology: Quo Vadis?. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2015</b> , 3, 142	5.8	5
25	Are RNAi and miRNA therapeutics truly dead?. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 141-4	15.1	42
24	Antibody-drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. <i>Journal of Controlled Release</i> , <b>2014</b> , 183, 87-93	11.7	86
23	Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. <i>Advances in Delivery Science and Technology</i> , <b>2014</b> , 295-328		1
22	Polyurea dendrimer for efficient cytosolic siRNA delivery. <i>RSC Advances</i> , <b>2014</b> , 4, 54872-54878	3.7	18
21	Gold-nanobeacons for gene therapy: evaluation of genotoxicity, cell toxicity and proteome profiling analysis. <i>Nanotoxicology</i> , <b>2014</b> , 8, 521-32	5.3	69
20	A promising road with challenges: where are gold nanoparticles in translational research?. <i>Nanomedicine</i> , <b>2014</b> , 9, 2353-70	5.6	50
19	Revisiting 30 years of biofunctionalization and surface chemistry of inorganic nanoparticles for nanomedicine. <i>Frontiers in Chemistry</i> , <b>2014</b> , 2, 48	5	254

18	In vivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. <i>Biomaterials</i> , <b>2013</b> , 34, 7744-53	15.6	117
17	Gold-nanobeacons for simultaneous gene specific silencing and intracellular tracking of the silencing events. <i>Biomaterials</i> , <b>2013</b> , 34, 2516-23	15.6	71
16	Nanomaterials for reversion of multidrug resistance in cancer: a new hope for an old idea?. <i>Frontiers in Pharmacology</i> , <b>2013</b> , 4, 134	5.6	26
15	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> , <b>2012</b> , 906, 71-87	1.4	9
14	Design of multifunctional gold nanoparticles for in vitro and in vivo gene silencing. <i>ACS Nano</i> , <b>2012</b> , 6, 8316-24	16.7	193
13	Gold-nanobeacons for real-time monitoring of RNA synthesis. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 36, 161-7	11.8	37
12	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> , <b>2012</b> , 43, 29-36	12.9	51
11	Noble metal nanoparticles for biosensing applications. <i>Sensors</i> , <b>2012</b> , 12, 1657-87	3.8	479
10	Modification of plasmid DNA topology by 'histone-mimetic' gold nanoparticles. <i>Nanomedicine</i> , <b>2012</b> , 7, 1657-66	5.6	11
9	Effect of PEG biofunctional spacers and TAT peptide on dsRNA loading on gold nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	25
8	Noble metal nanoparticles applications in cancer. <i>Journal of Drug Delivery</i> , <b>2012</b> , 2012, 751075	2.3	304
7	Nanophotonics for Molecular Diagnostics and Therapy Applications. <i>International Journal of Photoenergy</i> , <b>2012</b> , 2012, 1-11	2.1	29
6	Alloy metal nanoparticles for multicolor cancer diagnostics <b>2011</b> ,		5
5	In vitro transcription and translation inhibition via DNA functionalized gold nanoparticles. <i>Nanotechnology</i> , <b>2010</b> , 21, 505101	3.4	20
4	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> , <b>2010</b> , 213, 147-151	4.7	1
3	RNA quantification using gold nanoprobe - application to cancer diagnostics. <i>Journal of Nanobiotechnology</i> , <b>2010</b> , 8, 5	9.4	68
2	Association of common variants in mismatch repair genes and breast cancer susceptibility: a multigene study. <i>BMC Cancer</i> , <b>2009</b> , 9, 344	4.8	51
1	Gold-Nanobeacons as a theranostic system for the detection and inhibition of specific genes. <i>Protocol Exchange</i> ,		5

