Jolanda Spadavecchia

List of Publications by Year
in descending order

45 papers	713 citations	567281 15 h-index	580821 25 g-index
47 all docs	47 docs citations	47 times ranked	948 citing authors

#	Article	IF	Citations
1	Cell penetrating peptide (CPP) gold(<scp>iii</scp>) â€“ complex â€“ bioconjugates: from chemical design to interaction with cancer cells for nanomedicine applications. Nanoscale Advances, 2022, 4, 3010-3022.	4.6	11
2	Correction to â€œLactose-Modified Chitosan Gold(III)-PEGylated Complex-Bioconjugates: From Synthesis to Interaction with Targeted Galectin-1 Proteinâ€• Bioconjugate Chemistry, 2022, 33, 1439-1439.	3.6	0
3	Correction to â€œTemozolomide, Gemcitabine, and Decitabine Hybrid Nanoconjugates: From Design to Proof-of-Concept (PoC) of Synergies toward the Understanding of Drug Impact on Human Glioblastoma Cellsâ€• Journal of Medicinal Chemistry, 2022, 65, 9506-9506.	6.4	0
4	Idarubicinâ€“Gold Complex: From Crystal Growth to Gold Nanoparticles. ACS Omega, 2021, 6, 1235-1245.	3.5	5
5	A Pegylated Flavin Adenine Dinucleotide PEG Complex to Boost Immunogenic and Therapeutic Effects in a Liver Cancer Model. Nanotheranostics, 2021, 5, 405-416.	5.2	6
6	Flavin-adenine-dinucleotide gold complex nanoparticles: chemical modeling design, physico-chemical assessment and perspectives in nanomedicine. Nanoscale Advances, 2021, 3, 6144-6156.	4.6	7
7	Enzyme mediated synthesis of hybrid polyedric gold nanoparticles. Scientific Reports, 2021, 11, 3208.	3.3	16
8	Doxorubicin (DOX) Gadoliniumâ€“Gold-Complex: A New Way to Tune Hybrid Nanorods as Theranostic Agent. International Journal of Nanomedicine, 2021, Volume 16, 2219-2236.	6.7	14
9	Galectin-1 protein modified gold (III)-PEGylated complex-nanoparticles: Proof of concept of alternative probe in colorimetric glucose detection. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110588.	5.0	12
10	CTLâ€“doxorubicin (DOX)â€“gold complex nanoparticles (DOXâ€“AuGCs): from synthesis to enhancement of therapeutic effect on liver cancer model. Nanoscale Advances, 2020, 2, 5231-5241.	4.6	3
11	Lenalidomide (LENA) Hybrid Gold Complex Nanoparticles: Synthesis, Physicochemical Evaluation, and Perspectives in Nanomedicine. ACS Omega, 2020, 5, 28483-28492.	3.5	5
12	Size, Shape, and Wavelength Effect on Photothermal Heat Elevation of Gold Nanoparticles: Absorption Coefficient Experimental Measurement. Particle and Particle Systems Characterization, 2020, 37, 2000255.	2.3	8
13	Temozolomide, Gemcitabine, and Decitabine Hybrid Nanoconjugates: From Design to Proof-of-Concept (PoC) of Synergies toward the Understanding of Drug Impact on Human Glioblastoma Cells. Journal of Medicinal Chemistry, 2020, 63, 7410-7421.	6.4	17
14	Docetaxel gold complex nanoflowers: A chemo-biological evaluation for their use as nanotherapeutics. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111172.	5.0	5
15	Aptamerâ€“Gold(III) Complex Nanoparticles: A New Way to Detect Cu, Zn SOD Glycoprotein. ACS Omega, 2020, 5, 13851-13859.	3.5	7
16	Thiol-Poly(Sodium Styrene Sulfonate) (PolyNaSS-SH) Gold Complexes: From a Chemical Design to a One-Step Synthesis of Hybrid Gold Nanoparticles and Their Interaction with Human Proteins. ACS Omega, 2020, 5, 8137-8145.	3.5	4
17	Shape and Size Effect on Photothermal Heat Elevation of Gold Nanoparticles: Absorption Coefficient Experimental Measurement of Spherical and Urchin-Shaped Gold Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 17548-17554.	3.1	53
18	Proof of concept of plasmonic thermal destruction of surface cancers by gold nanoparticles obtained by green chemistry. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110496.	5.0	10

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19	A protein corona study by scattering correlation spectroscopy: a comparative study between spherical and urchin-shaped gold nanoparticles. Nanoscale, 2019, 11, 3665-3673.	5.6	26
20	Design and Synthesis of Hybrid PEGylated Metal Monopicolinate Cyclam Ligands for Biomedical Applications. ACS Omega, 2019, 4, 2500-2509.	3.5	7
21	Design and Synthesis of Gold-Gadolinium-Core-Shell Nanoparticles as Contrast Agent: a Smart Way to Future Nanomaterials for Nanomedicine Applications . International Journal of Nanomedicine, 2019, Volume 14, 9309-9324.	6.7	19
22	Influence of the Aptamer Grafting on its Conformation and its Interaction with Targeted Protein. Plasmonics, 2019, 14, 1029-1038.	3.4	5
23	Taxanes Hybrid Nanovectors: From Design to Physicoâ€Chemical Evaluation of Docetaxel and Paclitaxel Gold (III)â€PEGylated Complex Nanocarriers. Particle and Particle Systems Characterization, 2018, 35, 1700299.	2.3	16
24	Polyphosphonate ligands: From synthesis to design of hybrid PEGylated nanoparticles toward phototherapy studies. Journal of Colloid and Interface Science, 2018, 513, 205-213.	9.4	23
25	Aptamer Grafting onto (on) and into (in) Pegylated Gold Nanoparticles: Physicochemical Characterization and In vitro Cytotoxicity Investigation in Renal Cells. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	2
26	Endemic Plants: From Design to a New Way of Smart Hybrid Nanomaterials for Green Nanomedicine Applications. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	6
27	Lactose-Modified Chitosan Gold(III)-PEGylated Complex-Bioconjugates: From Synthesis to Interaction with Targeted Galectin-1 Protein. Bioconjugate Chemistry, 2018, 29, 3352-3361.	3.6	29
28	HIVâ€1 Tat Peptideâ€Gemcitabine Gold (III)â€PEGylated Complexâ€"Nanoflowers: A Sleek Thermosensitive Hybrid Nanocarrier as Prospective Anticancer. Particle and Particle Systems Characterization, 2018, 35, 1800082.	2.3	14
29	Hybrid Hydrophobin/Gold Nanoparticles: Synthesis and Characterization of New Synthetic Probes for Biological Applications. Lecture Notes in Electrical Engineering, 2018, , 169-176.	0.4	1
30	Pegylated doxorubicin gold complex: From nanovector to potential intercalant agent for biosensor applications. Frontiers in Laboratory Medicine, 2017, 1, 114-121.	1.7	9
31	Scattering Correlation Spectroscopy and Raman Spectroscopy of Thiophenol on Gold Nanoparticles: Comparative Study between Nanospheres and Nanourchins. Journal of Physical Chemistry C, 2017, 121, 18254-18262.	3.1	26
32	The curious case of how mimicking physiological complexity in in vitro models of the human respiratory system influences the inflammatory responses. A preliminary study focused on gold nanoparticles. Journal of Interdisciplinary Nanomedicine, 2017, 2, 110-130.	3.6	12
33	A simple assay for direct colorimetric detection of prostatic acid phosphatase (PAP) at fg levels using biphosphonated loaded PEGylated gold nanoparticles. Frontiers in Laboratory Medicine, 2017, 1, 186-191.	1.7	3
34	Green extraction of endemic plants to synthesize gold nanoparticles for theranostic applications. Frontiers in Laboratory Medicine, 2017, 1, 158-171.	1.7	20
35	Highly crystalline sphere and rod-shaped TiO 2 nanoparticles: A facile route to bio-polymer grafting. Frontiers in Laboratory Medicine, 2017, 1, 217-223.	1.7	10
36	Targeted polyethylene glycol gold nanoparticles for the treatment of pancreatic cancer: from synthesis to proof-of-concept in vitro studies. International Journal of Nanomedicine, 2016, 11, 791.	6.7	86

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37	Spherical and Flower-Shaped Gold Nanoparticles Characterization by Scattering Correlation Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 11700-11708.	3.1	13
38	Tunable Design of Gold(III)â€“Doxorubicin Complexâ€“PEGylated Nanocarrier. The Golden Doxorubicin for Oncological Applications. ACS Applied Materials & Interfaces, 2016, 8, 19946-19957.	8.0	49
39	Polyethylene glycol gold-nanoparticles: Facile nanostructuration of doxorubicin and its complex with DNA molecules for SERS detection. Chemical Physics Letters, 2016, 648, 182-188.	2.6	14
40	The amphiphilic hydrophobin Vmh2 plays a key role in one step synthesis of hybrid proteinâ€“gold nanoparticles. Colloids and Surfaces B: Biointerfaces, 2015, 136, 214-221.	5.0	23
41	Oneâ€Step Synthesis of Collagen Hybrid Gold Nanoparticles and Formation on Egyptianâ€like Goldâ€Plated Archaeological Ivory. Angewandte Chemie - International Edition, 2014, 53, 8363-8366.	13.8	34
42	Amplified plasmonic detection of DNA hybridization using doxorubicin-capped gold particles. Analyst, The, 2014, 139, 157-164.	3.5	26
43	Tuning the shape and size of hybrid gold nanoparticles by porphyrins using seed-mediated synthesis. Chemical Physics Letters, 2014, 609, 134-141.	2.6	10
44	Bioconjugated gold nanorods to enhance the sensitivity of FT-SPR-based biosensors. Colloids and Surfaces B: Biointerfaces, 2012, 100, 1-8.	5.0	19
45	Correction to â€œdarubicinâ€“Gold Complex: From Crystal Growth to Gold Nanoparticlesâ€. ACS Omega, 0, , .	3.5	0