

Jolanda Spadavecchia

List of Publications by Year in descending order

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45
papers

713
citations

567281

15
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580821

25
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47
all docs

47
docs citations

47
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted polyethylene glycol gold nanoparticles for the treatment of pancreatic cancer: from synthesis to proof-of-concept in vitro studies. <i>International Journal of Nanomedicine</i> , 2016, 11, 791.	6.7	86
2	Shape and Size Effect on Photothermal Heat Elevation of Gold Nanoparticles: Absorption Coefficient Experimental Measurement of Spherical and Urchin-Shaped Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17548-17554.	3.1	53
3	Tunable Design of Gold(III)-Doxorubicin Complex-PEGylated Nanocarrier. <i>The Golden Doxorubicin for Oncological Applications. ACS Applied Materials & Interfaces</i> , 2016, 8, 19946-19957.	8.0	49
4	One-Step Synthesis of Collagen Hybrid Gold Nanoparticles and Formation on Egyptian Like Gold-Plated Archaeological Ivory. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8363-8366.	13.8	34
5	Lactose-Modified Chitosan Gold(III)-PEGylated Complex-Bioconjugates: From Synthesis to Interaction with Targeted Galectin-1 Protein. <i>Bioconjugate Chemistry</i> , 2018, 29, 3352-3361.	3.6	29
6	Amplified plasmonic detection of DNA hybridization using doxorubicin-capped gold particles. <i>Analyst</i> , 2014, 139, 157-164.	3.5	26
7	Scattering Correlation Spectroscopy and Raman Spectroscopy of Thiophenol on Gold Nanoparticles: Comparative Study between Nanospheres and Nanourchins. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18254-18262.	3.1	26
8	A protein corona study by scattering correlation spectroscopy: a comparative study between spherical and urchin-shaped gold nanoparticles. <i>Nanoscale</i> , 2019, 11, 3665-3673.	5.6	26
9	The amphiphilic hydrophobin Vmh2 plays a key role in one step synthesis of hybrid protein-gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 214-221.	5.0	23
10	Polyphosphonate ligands: From synthesis to design of hybrid PEGylated nanoparticles toward phototherapy studies. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 205-213.	9.4	23
11	Green extraction of endemic plants to synthesize gold nanoparticles for theranostic applications. <i>Frontiers in Laboratory Medicine</i> , 2017, 1, 158-171.	1.7	20
12	Bioconjugated gold nanorods to enhance the sensitivity of FT-SPR-based biosensors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 100, 1-8.	5.0	19
13	<p>Design and Synthesis of Gold-Gadolinium-Core-Shell Nanoparticles as Contrast Agent: a Smart Way to Future Nanomaterials for Nanomedicine Applications</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9309-9324.	6.7	19
14	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. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7410-7421.	6.4	17
15	Taxanes Hybrid Nanovectors: From Design to Physico-Chemical Evaluation of Docetaxel and Paclitaxel Gold (III)-PEGylated Complex Nanocarriers. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700299.	2.3	16
16	Enzyme mediated synthesis of hybrid polyedric gold nanoparticles. <i>Scientific Reports</i> , 2021, 11, 3208.	3.3	16
17	Polyethylene glycol gold-nanoparticles: Facile nanostructuring of doxorubicin and its complex with DNA molecules for SERS detection. <i>Chemical Physics Letters</i> , 2016, 648, 182-188.	2.6	14
18	HIV-1 Tat Peptide-Gemcitabine Gold (III)-PEGylated Complex-Nanoflowers: A Sleek Thermosensitive Hybrid Nanocarrier as Prospective Anticancer. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800082.	2.3	14

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19	Doxorubicin (DOX) Gadolinium-Gold-Complex: A New Way to Tune Hybrid Nanorods as Theranostic Agent. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2219-2236.	6.7	14
20	Spherical and Flower-Shaped Gold Nanoparticles Characterization by Scattering Correlation Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11700-11708.	3.1	13
21	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. <i>Journal of Interdisciplinary Nanomedicine</i> , 2017, 2, 110-130.	3.6	12
22	Galectin-1 protein modified gold (III)-PEGylated complex-nanoparticles: Proof of concept of alternative probe in colorimetric glucose detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110588.	5.0	12
23	Cell penetrating peptide (CPP) gold-Gadolinium complex bioconjugates: from chemical design to interaction with cancer cells for nanomedicine applications. <i>Nanoscale Advances</i> , 2022, 4, 3010-3022.	4.6	11
24	Tuning the shape and size of hybrid gold nanoparticles by porphyrins using seed-mediated synthesis. <i>Chemical Physics Letters</i> , 2014, 609, 134-141.	2.6	10
25	Highly crystalline sphere and rod-shaped TiO ₂ nanoparticles: A facile route to bio-polymer grafting. <i>Frontiers in Laboratory Medicine</i> , 2017, 1, 217-223.	1.7	10
26	Proof of concept of plasmonic thermal destruction of surface cancers by gold nanoparticles obtained by green chemistry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110496.	5.0	10
27	Pegylated doxorubicin gold complex: From nanovector to potential intercalant agent for biosensor applications. <i>Frontiers in Laboratory Medicine</i> , 2017, 1, 114-121.	1.7	9
28	Size, Shape, and Wavelength Effect on Photothermal Heat Elevation of Gold Nanoparticles: Absorption Coefficient Experimental Measurement. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000255.	2.3	8
29	Design and Synthesis of Hybrid PEGylated Metal Monopicolinate Cyclam Ligands for Biomedical Applications. <i>ACS Omega</i> , 2019, 4, 2500-2509.	3.5	7
30	Aptamer-Gold(III) Complex Nanoparticles: A New Way to Detect Cu, Zn SOD Glycoprotein. <i>ACS Omega</i> , 2020, 5, 13851-13859.	3.5	7
31	Flavin-adenine-dinucleotide gold complex nanoparticles: chemical modeling design, physico-chemical assessment and perspectives in nanomedicine. <i>Nanoscale Advances</i> , 2021, 3, 6144-6156.	4.6	7
32	Endemic Plants: From Design to a New Way of Smart Hybrid Nanomaterials for Green Nanomedicine Applications. <i>Journal of Nanomedicine & Nanotechnology</i> , 2018, 09, .	1.1	6
33	A Pegylated Flavin Adenine Dinucleotide PEG Complex to Boost Immunogenic and Therapeutic Effects in a Liver Cancer Model. <i>Nanotheranostics</i> , 2021, 5, 405-416.	5.2	6
34	Influence of the Aptamer Grafting on its Conformation and its Interaction with Targeted Protein. <i>Plasmonics</i> , 2019, 14, 1029-1038.	3.4	5
35	Lenalidomide (LENA) Hybrid Gold Complex Nanoparticles: Synthesis, Physicochemical Evaluation, and Perspectives in Nanomedicine. <i>ACS Omega</i> , 2020, 5, 28483-28492.	3.5	5
36	Docetaxel gold complex nanoflowers: A chemo-biological evaluation for their use as nanotherapeutics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111172.	5.0	5

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37	Idarubicinâ€™Gold Complex: From Crystal Growth to Gold Nanoparticles. ACS Omega, 2021, 6, 1235-1245.	3.5	5
38	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
39	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
40	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
41	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
42	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
43	Correction to â€™Lactose-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
44	Correction to â€™Idarubicinâ€™Gold Complex: From Crystal Growth to Gold Nanoparticlesâ€™. ACS Omega, 0, , .	3.5	0
45	Correction to â€™Temozolomide, 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