

Ana Maria Craciun

List of Publications by Year in descending order

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59
papers

1,780
citations

279798

23
h-index

276875

41
g-index

60
all docs

60
docs citations

60
times ranked

3402
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties of new 5- (phenothiazinyl)methylidenebarbituric acid derivatives. Journal of Molecular Structure, 2022, 1247, 131334.	3.6	1
2	Probing polyvinylpyrrolidone-passivated graphene oxide nanoflakes as contrast agents inside tissue-like phantoms via multimodal confocal microscopy. Talanta, 2022, 247, 123581.	5.5	2
3	Cardiac Troponin Biosensor Designs: Current Developments and Remaining Challenges. International Journal of Molecular Sciences, 2022, 23, 7728.	4.1	14
4	Folic acid functionalized gold nanoclusters for enabling targeted fluorescence imaging of human ovarian cancer cells. Talanta, 2021, 225, 121960.	5.5	41
5	Novel (Phenothiazinyl)Vinyl-Pyridinium Dyes and Their Potential Applications as Cellular Staining Agents. International Journal of Molecular Sciences, 2021, 22, 2985.	4.1	4
6	One-photon excited photoluminescence of gold nanospheres and its application in prostate specific antigen detection via fluorescence correlation spectroscopy (FCS). Talanta, 2021, 228, 122242.	5.5	9
7	Two-photon excited photoluminescence lifetime imaging studies on individual gelatin-coated gold nanorods. Journal of Molecular Structure, 2021, 1243, 130785.	3.6	1
8	Pluronic stabilized conjugated polymer nanoparticles for NIR fluorescence imaging and dual phototherapy applications. Journal of Molecular Structure, 2021, 1243, 130931.	3.6	8
9	Novel paper-based sensing platform using photoluminescent gold nanoclusters for easy, sensitive and selective naked-eye detection of Cu ²⁺ . Journal of Molecular Structure, 2021, 1244, 130990.	3.6	13
10	Controlled fluorescence manipulation by core-shell multilayer of spherical gold nanoparticles: Theoretical and experimental evaluation. Journal of Molecular Structure, 2021, 1244, 130950.	3.6	2
11	New fluorescent phenothiazine carboxylates for fluorescent nanomaterials. Journal of Molecular Structure, 2021, 1246, 131174.	3.6	3
12	Gold nanoclusters performing as contrast agents for non-invasive imaging of tissue-like phantoms via two-photon excited fluorescence lifetime imaging. Analyst, The, 2021, 146, 7126-7130.	3.5	5
13	Intrinsic Photoluminescence of Solid-State Gold Nanoclusters: Towards Fluorescence Lifetime Imaging of Tissue-Like Phantoms Under Two-Photon Near-Infrared Excitation. Frontiers in Chemistry, 2021, 9, 761711.	3.6	4
14	Surface-enhanced fluorescence imaging on linear arrays of plasmonic half-shells. Journal of Chemical Physics, 2020, 153, 164701.	3.0	5
15	Microfluidic platform for integrated plasmonic detection in laminar flow. Nanotechnology, 2020, 31, 335502.	2.6	4
16	Surface passivation of carbon nanoparticles with 1,2-phenylenediamine towards photoluminescent carbon dots. Revue Roumaine De Chimie, 2020, 65, 559-566.	0.2	1
17	Assessment of the photothermal conversion efficiencies of tunable gold bipyramids under irradiation by two laser lines in a NIR biological window. Nanotechnology, 2019, 30, 405701.	2.6	17
18	Multimodal Biosensing on Paper-Based Platform Fabricated by Plasmonic Calligraphy Using Gold Nanobipyramids Ink. Frontiers in Chemistry, 2019, 7, 55.	3.6	12

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19	Intracellular Dynamic Disentangling of Doxorubicin Release from Luminescent Nanogold Carriers by Fluorescence Lifetime Imaging Microscopy (FLIM) under Two-Photon Excitation. ACS Applied Materials & Interfaces, 2019, 11, 7812-7822.	8.0	30
20	IR780-dye loaded gold nanoparticles as new near infrared activatable nanotheranostic agents for simultaneous photodynamic and photothermal therapy and intracellular tracking by surface enhanced resonant Raman scattering imaging. Journal of Colloid and Interface Science, 2018, 517, 239-250.	9.4	61
21	Probing cellular uptake and tracking of differently shaped gelatin-coated gold nanoparticles inside of ovarian cancer cells by two-photon excited photoluminescence analyzed by fluorescence lifetime imaging (FLIM). Colloids and Surfaces B: Biointerfaces, 2018, 166, 135-143.	5.0	15
22	Designing Efficient Low-Cost Paper-Based Sensing Plasmonic Nanoplatforms. Sensors, 2018, 18, 3035.	3.8	12
23	Polymer-coated plasmonic nanoparticles for environmental remediation: Synthesis, functionalization, and properties. , 2018, , 361-387.		5
24	Gold NanoBipyramids Performing as Highly Sensitive Dual-Modal Optical Immunosensors. Analytical Chemistry, 2018, 90, 8567-8575.	6.5	43
25	Revealing the structure and functionality of graphene oxide and reduced graphene oxide/pyrene carboxylic acid interfaces by correlative spectral and imaging analysis. Physical Chemistry Chemical Physics, 2017, 19, 16038-16046.	2.8	22
26	Antibody Conjugated, Raman Tagged Hollow Gold-Silver Nanospheres for Specific Targeting and Multimodal Dark-Field/SERS/Two Photon-FLIM Imaging of CD19(+) B Lymphoblasts. ACS Applied Materials & Interfaces, 2017, 9, 21155-21168.	8.0	41
27	Flexible and Tunable 3D Gold Nanocups Platform as Plasmonic Biosensor for Specific Dual LSPR-SERS Immuno-Detection. Scientific Reports, 2017, 7, 14240.	3.3	43
28	Carboplatin-Loaded, Raman-Encoded, Chitosan-Coated Silver Nanotriangles as Multimodal Traceable Nanotherapeutic Delivery Systems and pH Reporters inside Human Ovarian Cancer Cells. ACS Applied Materials & Interfaces, 2017, 9, 32565-32576.	8.0	24
29	Enhanced one- and two-photon excited fluorescence of cationic (phenothiazinyl)vinyl-pyridinium chromophore attached to polyelectrolyte-coated gold nanorods. Dyes and Pigments, 2017, 136, 24-30.	3.7	8
30	Surface Plasmon Resonance or Biocompatibility—Key Properties for Determining the Applicability of Noble Metal Nanoparticles. Materials, 2017, 10, 836.	2.9	32
31	Two-photon fabrication of three-dimensional silver microstructures in microfluidic channels for volumetric surface-enhanced Raman scattering detection. Optical Materials Express, 2016, 6, 1587.	3.0	18
32	A simple and efficient design to improve the detection of biotin-streptavidin interaction with plasmonic nanobiosensors. Biosensors and Bioelectronics, 2016, 86, 728-735.	10.1	36
33	Surface passivation of carbon nanoparticles with p-phenylenediamine towards photoluminescent carbon dots. RSC Advances, 2016, 6, 56944-56951.	3.6	30
34	Fabrication of highly active and cost effective SERS plasmonic substrates by electrophoretic deposition of gold nanoparticles on a DVD template. Applied Surface Science, 2015, 349, 190-195.	6.1	22
35	Designing Theranostic Agents Based on Pluronic Stabilized Gold Nanoaggregates Loaded with Methylene Blue for Multimodal Cell Imaging and Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2015, 7, 16191-16201.	8.0	39
36	Metallo complexes of meso-phenothiazinylporphyrins: Synthesis, linear and nonlinear optical properties. Dyes and Pigments, 2015, 123, 386-395.	3.7	15

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37	Covalent conjugation of carbon dots with Rhodamine B and assessment of their photophysical properties. <i>RSC Advances</i> , 2015, 5, 77662-77669.	3.6	34
38	Surface-enhanced spectroscopy on plasmonic oligomers assembled by AFM nanoxerography. <i>Nanoscale</i> , 2015, 7, 2009-2022.	5.6	17
39	Emission properties of MEH-PPV in thin films simultaneously illuminated and annealed at different temperatures. <i>Synthetic Metals</i> , 2015, 199, 33-36.	3.9	23
40	Ultrabright and bleaching-resistant hybrid gold nanoparticles for confocal and two-photon fluorescence imaging. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
41	Steady-state and time-resolved fluorescence studies on the conjugation of Rose Bengal to gold nanorods. <i>Journal of Molecular Structure</i> , 2014, 1073, 97-101.	3.6	4
42	Controlling the Luminescence of Carboxyl-Functionalized CdSe/ZnS Core-Shell Quantum Dots in Solution by Binding with Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25190-25199.	3.1	28
43	Enhancing the Photoluminescence Emission of Conjugated MEH-PPV by Light Processing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4974-4979.	8.0	35
44	Localized Surface Plasmon Resonance (LSPR) Biosensor for the Protein Detection. <i>Plasmonics</i> , 2013, 8, 699-704.	3.4	42
45	LED-activated methylene blue-loaded Pluronic-gold hybrids for <i>in vitro</i> photodynamic therapy. <i>Journal of Biophotonics</i> , 2013, 6, 950-959.	2.3	17
46	Riboflavin enhanced fluorescence of highly reduced graphene oxide. <i>Chemical Physics Letters</i> , 2013, 586, 127-131.	2.6	21
47	Study of gold nanorods-protein interaction by localized surface plasmon resonance spectroscopy. <i>Gold Bulletin</i> , 2013, 46, 275-281.	2.4	16
48	Enhanced thermal stability of gelatin coated gold nanorods in water solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 433, 9-13.	4.7	26
49	Easy and cheap fabrication of ordered pyramidal-shaped plasmonic substrates for detection and quantitative analysis using surface-enhanced Raman spectroscopy. <i>Analyst</i> , The, 2013, 138, 4975.	3.5	18
50	Gold Nanorods Performing as Dual-Modal Nanoprobes via Metal-Enhanced Fluorescence (MEF) and Surface-Enhanced Raman Scattering (SERS). <i>Journal of Physical Chemistry C</i> , 2012, 116, 12240-12249.	3.1	121
51	Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake. <i>Nanotechnology</i> , 2012, 23, 465602.	2.6	58
52	Hybrid plasmonic platforms based on silica-encapsulated gold nanorods as effective spectroscopic enhancers for Raman and fluorescence spectroscopy. <i>Nanotechnology</i> , 2012, 23, 485706.	2.6	24
53	Transparent Plasmonic Nanocontainers Protect Organic Fluorophores against Photobleaching. <i>Nano Letters</i> , 2011, 11, 2043-2047.	9.1	53
54	Solution-phase, dual LSPR-SERS plasmonic sensors of high sensitivity and stability based on chitosan-coated anisotropic silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 3625.	6.7	132

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55	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1216-1225.	2.9	74
56	Chitosan-coated triangular silver nanoparticles as a novel class of biocompatible, highly effective photothermal transducers for in vitro cancer cell therapy. <i>Cancer Letters</i> , 2011, 311, 131-140.	7.2	277
57	Formation of size and shape tunable gold nanoparticles in solution by bio-assisted synthesis with bovine serum albumin in native and denaturated state. <i>Materials Chemistry and Physics</i> , 2011, 129, 939-942.	4.0	17
58	Localized surface plasmon resonance (LSPR) and surface-enhanced Raman scattering (SERS) studies of 4-aminothiophenol adsorption on gold nanorods. <i>Journal of Molecular Structure</i> , 2011, 993, 420-424.	3.6	87
59	Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells. <i>Optical Materials</i> , 2011, 33, 1377-1381.	3.6	13