

Sara Fateixa

List of Publications by Year in descending order

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47
papers

1,020
citations

430874

18
h-index

454955

30
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47
all docs

47
docs citations

47
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid nanostructures for SERS: materials development and chemical detection. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21046-21071.	2.8	155
2	Î ^o -Carrageenan hydrogel nanocomposites with release behavior mediated by morphological distinct Au nanofillers. <i>Carbohydrate Polymers</i> , 2013, 91, 100-109.	10.2	86
3	A general strategy to prepare SERS active filter membranes for extraction and detection of pesticides in water. <i>Talanta</i> , 2018, 182, 558-566.	5.5	53
4	Biofunctionalized magnetic hydrogel nanospheres of magnetite and Î ^o -carrageenan. <i>Nanotechnology</i> , 2009, 20, 355602.	2.6	45
5	Surface-Enhanced Raman Scattering Spectral Imaging for the Attomolar Range Detection of Crystal Violet in Contaminated Water. <i>ACS Omega</i> , 2018, 3, 4331-4341.	3.5	39
6	Novel sintering-free scaffolds obtained by additive manufacturing for concurrent bone regeneration and drug delivery: Proof of concept. <i>Materials Science and Engineering C</i> , 2019, 94, 426-436.	7.3	35
7	Magnetite-Supported Gold Nanostars for the Uptake and SERS Detection of Tetracycline. <i>Nanomaterials</i> , 2019, 9, 31.	4.1	31
8	Polymer based silver nanocomposites as versatile solid film and aqueous emulsion SERS substrates. <i>Journal of Materials Chemistry</i> , 2011, 21, 15629.	6.7	30
9	Hybrids Based on Graphene Oxide and Porphyrin as Tools for Detection and Stabilization of DNA G-Quadruplexes. <i>ACS Omega</i> , 2018, 3, 11184-11191.	3.5	30
10	Anti-fungal activity of SiO ₂ /Ag ₂ S nanocomposites against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 304-308.	5.0	29
11	Inkjet Printing of Ag and Polystyrene Nanoparticle Emulsions for the One-Step Fabrication of Hydrophobic Paper-Based Surface-Enhanced Raman Scattering Substrates. <i>ACS Applied Nano Materials</i> , 2021, 4, 4484-4495.	5.0	29
12	SERS study on adenine using a Ag/poly(t-butylacrylate) nanocomposite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 36-39.	3.9	23
13	Colloidal dendritic nanostructures of gold and silver for SERS analysis of water pollutants. <i>Journal of Molecular Liquids</i> , 2021, 337, 116608.	4.9	23
14	Shaping Gold Nanocomposites with Tunable Optical Properties. <i>Langmuir</i> , 2010, 26, 11407-11412.	3.5	21
15	Porous Carrageenan-Derived Carbons for Efficient Ciprofloxacin Removal from Water. <i>Nanomaterials</i> , 2018, 8, 1004.	4.1	21
16	Raman Signal Enhancement Dependence on the Gel Strength of Ag/Hydrogels Used as SERS Substrates. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10384-10392.	3.1	20
17	A versatile synthetic route towards gelatin-silica hybrids and magnetic composite colloidal nanoparticles. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 884-898.	21.1	20
18	SERS Detection of Penicillin G Using Magnetite Decorated with Gold Nanoparticles. <i>Magnetochemistry</i> , 2017, 3, 32.	2.4	19

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19	Can contaminated waters or wastewater be alternative sources for technology-critical elements? The case of removal and recovery of lanthanides. <i>Journal of Hazardous Materials</i> , 2019, 380, 120845.	12.4	19
20	Gold loaded textile fibres as substrates for SERS detection. <i>Journal of Molecular Structure</i> , 2019, 1185, 333-340.	3.6	19
21	SERS studies of DNA nucleobases using new silver poly(methyl methacrylate) nanocomposites as analytical platforms. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 47-53.	2.5	18
22	SERS and Raman imaging as a new tool to monitor dyeing on textile fibres. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1239-1246.	2.5	18
23	Graphene Oxide and Graphene Quantum Dots as Delivery Systems of Cationic Porphyrins: Photo-Antiproliferative Activity Evaluation towards T24 Human Bladder Cancer Cells. <i>Pharmaceutics</i> , 2021, 13, 1512.	4.5	18
24	Raman imaging studies on the adsorption of methylene blue species onto silver modified linen fibers. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 795-802.	2.5	17
25	A General Route for Growing Metal Sulfides onto Graphene Oxide and Exfoliated Graphite Oxide. <i>Nanomaterials</i> , 2017, 7, 245.	4.1	17
26	An integrated approach for trace detection of pollutants in water using polyelectrolyte functionalized magneto-plasmonic nanosorbents. <i>Scientific Reports</i> , 2019, 9, 19647.	3.3	17
27	Composite blends of gold nanorods and poly(t-butylacrylate) beads as new substrates for SERS. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 100-106.	3.9	15
28	Ruthenium-Modified Titanate Nanowires for the Photocatalytic Oxidative Removal of Organic Pollutants from Water. <i>ACS Applied Nano Materials</i> , 2019, 2, 1341-1349.	5.0	15
29	Surface-Enhanced Raman Scattering due to a Synergistic Effect on ZnS and Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12742-12751.	3.1	14
30	Resizing of Colloidal Gold Nanorods and Morphological Probing by SERS. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20343-20350.	3.1	13
31	Silver-gelatine bionanocomposites for qualitative detection of a pesticide by SERS. <i>Analyst</i> , 2015, 140, 1693-1701.	3.5	12
32	Dendrimer stabilized nanoalloys for inkjet printing of surface-enhanced Raman scattering substrates. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 342-354.	9.4	12
33	Effect of colloidal silver and gold nanoparticles on the thermal behavior of poly(t-butyl acrylate) composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 231-236.	4.7	11
34	Structure and photoactivity for hydrogen production of CdS nanorods modified with In, Ga, Ag-In and Ag-Ga and prepared by solvothermal method. <i>Materials Today Energy</i> , 2018, 9, 345-358.	4.7	11
35	A comparative study on emergent pollutants photo-assisted degradation using ruthenium modified titanate nanotubes and nanowires as catalysts. <i>Journal of Environmental Sciences</i> , 2020, 92, 38-51.	6.1	11
36	Multiple Emulsion Templating of Hybrid Ag/SiO ₂ Capsules for Antibacterial Applications. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 561-566.	2.3	10

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37	Dendrimer-Based Gold Nanostructures for SERS Detection of Pesticides in Water. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1153-1162.	2.0	9
38	Interaction of zirconia with magnesium hydride and its influence on the hydrogen storage behavior of magnesium hydride. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 21760-21771.	7.1	8
39	Luminescent Carrageenan Hydrogels Containing Lanthanopolyoxometalates. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4976-4981.	2.0	5
40	Pressure-dependent large area synthesis and electronic structure of MoS ₂ . <i>Materials Research Bulletin</i> , 2018, 97, 265-271.	5.2	5
41	Carbamazepine polymorphism: A re-visitation using Raman imaging. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121632.	5.2	5
42	Swelling and Release Properties of Functional $\hat{\text{I}}^{\text{a}}$ -carrageenan Hydrogel Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1403, 164.	0.1	3
43	Defect concentration in nitrogen-doped graphene grown on Cu substrate: A thickness effect. <i>Physica B: Condensed Matter</i> , 2017, 513, 62-68.	2.7	3
44	Biomimetic Graphene/Spongin Scaffolds for Improved Osteoblasts Bioactivity via Dynamic Mechanical Stimulation. <i>Macromolecular Bioscience</i> , 2021, 22, 2100311.	4.1	3
45	Raman and Fluorescence Imaging of Polyoxometalate Composite Agarose Films. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 477-481.	2.0	2
46	Interfacial assembly of zinc(II) phthalocyanines on graphene oxide (GO): Stable "turn-off-on" nanoplatforms to detect G-quadruplexes (G4). <i>Journal of Colloid and Interface Science</i> , 2022, 627, 900-912.	9.4	1
47	SERS Research Applied to Polymer Based Nanocomposites. , 2018, , .		0