

Rita Giovannetti

List of Publications by Year in descending order

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46
papers

1,044
citations

361413

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docs citations

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times ranked

1706
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallic Effects on p-Hydroxyphenyl Porphyrin Thin-Film-Based Planar Optical Waveguide Gas Sensor: Experimental and Computational Studies. <i>Nanomaterials</i> , 2022, 12, 944.	4.1	6
2	May sediments affect the inhibiting properties of NaCl on CH ₄ and CO ₂ hydrates formation? an experimental report. <i>Journal of Molecular Liquids</i> , 2022, 359, 119300.	4.9	12
3	Observation of the Main Natural Parameters Influencing the Formation of Gas Hydrates. <i>Energies</i> , 2021, 14, 1803.	3.1	27
4	Determination of the refractive index and wavelength-dependent optical properties of few-layer CrCl ₂ within the Fresnel formalism. <i>Journal of Microscopy</i> , 2021, 283, 145-150.	1.8	5
5	Biogenic Synthesis of Copper Nanoparticles Using Bacterial Strains Isolated from an Antarctic Consortium Associated to a Psychrophilic Marine Ciliate: Characterization and Potential Application as Antimicrobial Agents. <i>Marine Drugs</i> , 2021, 19, 263.	4.6	53
6	Sensing Behavior of Metal-Free Porphyrin and Zinc Phthalocyanine Thin Film towards Xylene-Styrene and HCl Vapors in Planar Optical Waveguide. <i>Nanomaterials</i> , 2021, 11, 1634.	4.1	7
7	Silver Nanoparticle-Based Sensor for the Selective Detection of Nickel Ions. <i>Nanomaterials</i> , 2021, 11, 1733.	4.1	27
8	Substituent Effect on Porphyrin Film-Gas Interaction by Optical Waveguide: Spectrum Analysis and Molecular Dynamic Simulation. <i>Materials</i> , 2020, 13, 5613.	2.9	5
9	Optimization of the Extraction from Spent Coffee Grounds Using the Desirability Approach. <i>Antioxidants</i> , 2020, 9, 370.	5.1	16
10	Tuning of hydrogen peroxide etching during the synthesis of silver nanoparticles. An application of triangular nanoplates as plasmon sensors for Hg ²⁺ in aqueous solution. <i>Journal of Molecular Liquids</i> , 2020, 309, 113238.	4.9	33
11	SERS Activity of Silver Nanosphere, Triangular Nanoplates, Hexagonal Nanoplates and Quasi-Spherical Nanoparticles: Effect of Shape and Morphology. <i>Coatings</i> , 2020, 10, 288.	2.6	37
12	Chemical and Sensory Profiling of Monovarietal Extra Virgin Olive Oils from the Italian Marche Region. <i>Antioxidants</i> , 2020, 9, 330.	5.1	8
13	Reduced Graphene Oxide-NiO Photocathodes for p-Type Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 7345-7353.	5.1	15
14	Enhancement of visible-light photoactivity by polypropylene coated plasmonic Au/TiO ₂ for dye degradation in water solution. <i>Applied Surface Science</i> , 2018, 441, 575-587.	6.1	78
15	Aggregation and metal-complexation behaviour of THPP porphyrin in ethanol/water solutions as function of pH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 235-248.	3.9	29
16	Reduced Graphene Oxide/TiO ₂ Nanocomposite: From Synthesis to Characterization for Efficient Visible Light Photocatalytic Applications. <i>Catalysts</i> , 2018, 8, 598.	3.5	55
17	Band Gap Implications on Nano-TiO ₂ Surface Modification with Ascorbic Acid for Visible Light-Active Polypropylene Coated Photocatalyst. <i>Nanomaterials</i> , 2018, 8, 599.	4.1	44
18	Circulation path of thermal waters within the Laga foredeep basin inferred from chemical and isotopic (¹⁸ O, ² D, ³ H, ⁸⁷ Sr/ ⁸⁶ Sr) data. <i>Applied Geochemistry</i> , 2017, 78, 23-34.	3.0	20

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19	Recent Advances in Graphene Based TiO ₂ Nanocomposites (GTiO ₂ Ns) for Photocatalytic Degradation of Synthetic Dyes. <i>Catalysts</i> , 2017, 7, 305.	3.5	124
20	Hair Microelement Profile as a Prognostic Tool in Parkinson's Disease. <i>Toxics</i> , 2016, 4, 27.	3.7	6
21	Metal and Microelement Biomarkers of Neurodegeneration in Early Life Permethrin-Treated Rats. <i>Toxics</i> , 2016, 4, 3.	3.7	6
22	Kinetic Model for Simultaneous Adsorption/Photodegradation Process of Alizarin Red S in Water Solution by Nano-TiO ₂ under Visible Light. <i>Catalysts</i> , 2016, 6, 84.	3.5	17
23	Exfoliation of graphite into graphene in aqueous solution: an application as graphene/TiO ₂ nanocomposite to improve visible light photocatalytic activity. <i>RSC Advances</i> , 2016, 6, 93048-93055.	3.6	26
24	Visible light photoactivity of Polypropylene coated Nano-TiO ₂ for dyes degradation in water. <i>Scientific Reports</i> , 2016, 5, 17801.	3.3	49
25	Preparation of Polyethylene Composites Containing Silver(I) Acylpyrazolonato Additives and SAR Investigation of their Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29676-29687.	8.0	24
26	Spectroscopic studies of porphyrin functionalized multiwalled carbon nanotubes and their interaction with TiO ₂ nanoparticles surface. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 22-29.	3.9	20
27	Kinetic evidence for the effect of salts on the oxygen solubility using laboratory prototype aeration system. <i>Journal of Molecular Liquids</i> , 2015, 211, 656-666.	4.9	7
28	Ni Mg Mixed Metal Oxides for p-Type Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24556-24565.	8.0	34
29	Equilibrium and Kinetic Aspects in the Sensitization of Monolayer Transparent TiO ₂ Thin Films with Porphyrin Dyes for DSSC Applications. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-9.	2.5	14
30	HPLC-DAD-ESI/MS Identification of Light Harvesting and Light Screening Pigments in the Lake Sediments at Edmonson Point. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	2.1	8
31	Aggregation behaviour of a tetracarboxylic porphyrin in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 211, 108-114.	3.9	27
32	Spectral and kinetic investigation on oxidation and reduction of water soluble porphyrin-manganese(III) complex. <i>Inorganica Chimica Acta</i> , 2010, 363, 1561-1567.	2.4	11
33	Application of Cu(II) and Zn(II) coproporphyrins as sensitizers for thin film dye sensitized solar cells. <i>Energy and Environmental Science</i> , 2010, 3, 956.	30.8	37
34	Structure investigations of binary azeotrope of diethyl amine-acetone by FT-IR and ¹ H NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 390-393.	3.9	5
35	Kinetic model for astaxanthin aggregation in water-methanol mixtures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 157-162.	3.9	24
36	Remarks on the reactions of a tetracarboxylic porphyrin with gold and silver ions: A spectrophotometric, TEM and SEM study. <i>Polyhedron</i> , 2008, 27, 1047-1053.	2.2	6

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37	Reactions of anionic porphyrin with group 11 elements: a spectrophotometric and electrospray ionization mass spectrometry study. <i>Talanta</i> , 2004, 63, 857-864.	5.5	16
38	DETERMINATION OF STABILITY CONSTANTS OF Cu(II), Co(II), Zn(II), Ni(II) AND Mn(II) CHELATES WITH 3,8,13,18-TETRAMETHYL-21H,23H-PORPHINE-2,7,12,17-TETRAPROPIONIC ACID BY REVERSED-PHASE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 2151-2157.	1.0	3
39	Study of Solvent Extraction of Mercury(II) with Dibenzo-18-Crown-6 from Hydrochloric Acid Solution into Benzene. <i>Journal of Chemical Research Synopses</i> , 1999, , 299-299.	0.3	0
40	Kinetics of the Metallation of Coproporphyrin-I in Water with Cadmium(II) and Manganese(II). <i>Journal of Porphyrins and Phthalocyanines</i> , 1998, 02, 139-144.	0.8	5
41	Kinetic and equilibrium studies on mercury(II)-coproporphyrin-I. Metal ion exchange reaction with cobalt(II) and application to determination of trace mercury(II). <i>Talanta</i> , 1998, 46, 977-984.	5.5	9
42	Kinetic Evidence for the Mechanism of the Metal-substitution Reaction of Lead(ii)-porphyrin with Cobalt(ii). <i>Journal of Chemical Research Synopses</i> , 1998, , 680-680.	0.3	1
43	High-Performance Liquid Chromatographic Determination of Mn(II), Co(II), Zn(II), Ni(II), Cu(II) As Coproporphyrin-I Complexes. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1998, 21, 2607-2617.	1.0	4
44	Spectrophotometric study of coproporphyrin-I complexes of copper(II) and cobalt(II). <i>Talanta</i> , 1995, 42, 1913-1918.	5.5	22
45	The Use of Spectrophotometry UV-Vis for the Study of Porphyrins. , 0, , .		62
46	Fatty acid composition, squalene and elements in apple by-products: comparison between ancient cultivars and commercial varieties. <i>European Food Research and Technology</i> , 0, , 1.	3.3	0