

Angela Agostiano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8109371/publications.pdf>

Version: 2024-02-01

315
papers

8,882
citations

53660

45
h-index

71532

76
g-index

322
all docs

322
docs citations

322
times ranked

11244
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic Synthesis of Silver Nanoparticles Stabilized by TiO ₂ Nanorods: A Semiconductor/Metal Nanocomposite in Homogeneous Nonpolar Solution. <i>Journal of the American Chemical Society</i> , 2004, 126, 3868-3879.	6.6	304
2	UV-induced photocatalytic degradation of azo dyes by organic-capped ZnO nanocrystals immobilized onto substrates. <i>Applied Catalysis B: Environmental</i> , 2005, 60, 1-11.	10.8	262
3	Shape and Phase Control of Colloidal ZnSe Nanocrystals. <i>Chemistry of Materials</i> , 2005, 17, 1296-1306.	3.2	220
4	Colloidal oxide nanoparticles for the photocatalytic degradation of organic dye. <i>Materials Science and Engineering C</i> , 2003, 23, 285-289.	3.8	218
5	ZnO Nanocrystals by a Non-hydrolytic Route: Synthesis and Characterization. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4756-4762.	1.2	212
6	Photocatalytic degradation of azo dyes by organic-capped anatase TiO nanocrystals immobilized onto substrates. <i>Applied Catalysis B: Environmental</i> , 2005, 55, 81-91.	10.8	190
7	Role of Metal Nanoparticles in TiO ₂ /Ag Nanocomposite-Based Microheterogeneous Photocatalysis. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9623-9630.	1.2	188
8	Synthesis and Characterization of CdS Nanoclusters in a Quaternary Microemulsion: the Role of the Cosurfactant. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8391-8397.	1.2	173
9	Seeded Growth of Asymmetric Binary Nanocrystals Made of a Semiconductor TiO ₂ Rodlike Section and a Magnetic Fe ₃ O ₄ Spherical Domain. <i>Journal of the American Chemical Society</i> , 2006, 128, 16953-16970.	6.6	163
10	Nanocomposite materials for photocatalytic degradation of pollutants. <i>Catalysis Today</i> , 2017, 281, 85-100.	2.2	161
11	Optical properties of hybrid composites based on highly luminescent CdS nanocrystals in polymer. <i>Nanotechnology</i> , 2004, 15, S240-S244.	1.3	150
12	Photocatalytic degradation of methyl red by TiO ₂ : Comparison of the efficiency of immobilized nanoparticles versus conventional suspended catalyst. <i>Journal of Hazardous Materials</i> , 2007, 142, 130-137.	6.5	141
13	UV and solar-based photocatalytic degradation of organic pollutants by nano-sized TiO ₂ grown on carbon nanotubes. <i>Catalysis Today</i> , 2015, 240, 114-124.	2.2	122
14	Visible-Light-Active TiO ₂ -Based Hybrid Nanocatalysts for Environmental Applications. <i>Catalysts</i> , 2017, 7, 100.	1.6	93
15	Heavy metal ion influence on the photosynthetic growth of <i>Rhodobacter sphaeroides</i> . <i>Chemosphere</i> , 2006, 62, 1490-1499.	4.2	92
16	Colloidal TiO ₂ Nanocrystals/MEH-PPV Nanocomposites: Photo(electro)chemical Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1554-1562.	1.2	91
17	Recent Advancements in Polymer/Liposome Assembly for Drug Delivery: From Surface Modifications to Hybrid Vesicles. <i>Polymers</i> , 2021, 13, 1027.	2.0	89
18	Efficient charge storage in photoexcited TiO ₂ nanorod-noble metal nanoparticle composite systems. <i>Chemical Communications</i> , 2005, , 3186.	2.2	85

#	ARTICLE	IF	CITATIONS
19	Photochemical Synthesis of Water-Soluble Gold Nanorods: The Role of Silver in Assisting Anisotropic Growth. <i>Chemistry of Materials</i> , 2009, 21, 4192-4202.	3.2	85
20	Encapsulation of Curcumin-Loaded Liposomes for Colonic Drug Delivery in a pH-Responsive Polymer Cluster Using a pH-Driven and Organic Solvent-Free Process. <i>Molecules</i> , 2018, 23, 739.	1.7	78
21	Synthesis and structural characterisation of CdS nanoparticles prepared in a four-components "water-in-oil" microemulsion. <i>Micron</i> , 2000, 31, 253-258.	1.1	76
22	Removal of tetracycline from polluted water by chitosan-olive pomace adsorbing films. <i>Science of the Total Environment</i> , 2019, 693, 133620.	3.9	76
23	Gram-scale synthesis of UV-vis light active plasmonic photocatalytic nanocomposite based on TiO ₂ /Au nanorods for degradation of pollutants in water. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 604-613.	10.8	76
24	Development of a novel enzyme/semiconductor nanoparticles system for biosensor application. <i>Materials Science and Engineering C</i> , 2002, 22, 449-452.	3.8	74
25	Protein/Lipid Interaction in the Bacterial Photosynthetic Reaction Center: Phosphatidylcholine and Phosphatidylglycerol Modify the Free Energy Levels of the Quinones. <i>Biochemistry</i> , 2004, 43, 12913-12923.	1.2	66
26	TiO ₂ nanocrystals MEH-PPV composite thin films as photoactive material. <i>Thin Solid Films</i> , 2004, 451-452, 64-68.	0.8	64
27	Chlorophyll a Behavior in Aqueous Solvents: Formation of Nanoscale Self-Assembled Complexes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12820-12829.	1.2	61
28	Photocatalytic activity of organic-capped anatase TiO ₂ nanocrystals in homogeneous organic solutions. <i>Materials Science and Engineering C</i> , 2003, 23, 707-713.	3.8	60
29	An electrochemical sewage treatment process. <i>Journal of Applied Electrochemistry</i> , 1980, 10, 527-533.	1.5	58
30	Response of the carotenoidless mutant <i>Rhodobacter sphaeroides</i> growing cells to cobalt and nickel exposure. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 948-957.	1.9	58
31	TiO ₂ nanorods/PMMA copolymer-based nanocomposites: highly homogeneous linear and nonlinear optical material. <i>Nanotechnology</i> , 2008, 19, 205705.	1.3	57
32	Spectroscopic Study on Imidazolium-Based Ionic Liquids: Effect of Alkyl Chain Length and Anion. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3512-3518.	1.2	57
33	TiO ₂ colloidal nanocrystals functionalization of PMMA: A tailoring of optical properties and chemical adsorption. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 138-143.	4.0	56
34	Functional Enzymes in Nonaqueous Environment: The Case of Photosynthetic Reaction Centers in Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7768-7776.	3.2	56
35	Nanocrystal-Based Luminescent Composites for Nanoimprinting Lithography. <i>Small</i> , 2007, 3, 822-828.	5.2	55
36	Synthesis of TiO ₂ -Au Composites by Titania-Nanorod-Assisted Generation of Gold Nanoparticles at Aqueous/Nonpolar Interfaces. <i>Small</i> , 2006, 2, 413-421.	5.2	54

#	ARTICLE	IF	CITATIONS
37	Non-targeted ¹ H NMR fingerprinting and multivariate statistical analyses for the characterisation of the geographical origin of Italian sweet cherries. <i>Food Chemistry</i> , 2013, 141, 3028-3033.	4.2	51
38	Neosynthesis of Cardiolipin in <i>Rhodobacter sphaeroides</i> under Osmotic Stress. <i>Biochemistry</i> , 2004, 43, 15066-15072.	1.2	50
39	Reversible Binding of Metal Ions onto Bacterial Layers Revealed by Protonation-Induced ATR-FTIR Difference Spectroscopy. <i>Langmuir</i> , 2011, 27, 3762-3773.	1.6	50
40	Post-synthesis phase and shape evolution of CsPbBr ₃ colloidal nanocrystals: The role of ligands. <i>Nano Research</i> , 2019, 12, 1155-1166.	5.8	49
41	Role of Functional Groups and Surfactant Charge in Regulating Chlorophyll Aggregation in Micellar Solutions. <i>Journal of Physical Chemistry B</i> , 2002, 106, 1446-1454.	1.2	47
42	Nanocrystalline TiO ₂ based films onto fibers for photocatalytic degradation of organic dye in aqueous solution. <i>Applied Catalysis B: Environmental</i> , 2012, 121-122, 190-197.	10.8	47
43	Improved optical properties of CdS quantum dots by ligand exchange. <i>Materials Science and Engineering C</i> , 2003, 23, 1083-1086.	3.8	46
44	Decorating the photosynthetic bacterial reaction center for bioelectronics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6471-6478.	2.7	46
45	Photo-thermal effects in gold nanoparticles dispersed in thermotropic nematic liquid crystals. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20281-20287.	1.3	46
46	Photocatalytic TiO ₂ -based coatings for environmental applications. <i>Catalysis Today</i> , 2021, 380, 62-83.	2.2	46
47	Investigation on alcohol vapours/TiO ₂ nanocrystal thin films interaction by SPR technique for sensing application. <i>Sensors and Actuators B: Chemical</i> , 2004, 100, 75-80.	4.0	45
48	Enhancing the Light Harvesting Capability of a Photosynthetic Reaction Center by a Tailored Molecular Fluorophore. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11019-11023.	7.2	45
49	UV-Curable Nanocomposite Based on Methacrylic-Siloxane Resin and Surface-Modified TiO ₂ Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15494-15505.	4.0	45
50	Electronic nose and isotope ratio mass spectrometry in combination with chemometrics for the characterization of the geographical origin of Italian sweet cherries. <i>Food Chemistry</i> , 2015, 170, 90-96.	4.2	45
51	Molecular interactions, characterization and photoactivity of Chlorophyll a/chitosan/2-HP-β-cyclodextrin composite films as functional and active surfaces for ROS production. <i>Food Hydrocolloids</i> , 2016, 58, 98-112.	5.6	45
52	Inkjet-Printed Multicolor Arrays of Highly Luminescent Nanocrystal-Based Nanocomposites. <i>Small</i> , 2009, 5, 1051-1057.	5.2	44
53	Photocatalytic TiO ₂ -Based Nanostructured Materials for Microbial Inactivation. <i>Catalysts</i> , 2020, 10, 1382.	1.6	44
54	Kinetics of the quinone binding reaction at the QB site of reaction centers from the purple bacteria <i>Rhodobacter sphaeroides</i> reconstituted in liposomes. <i>FEBS Journal</i> , 2003, 270, 4595-4605.	0.2	43

#	ARTICLE	IF	CITATIONS
55	Photocatalytic degradation of methyl-red by immobilised nanoparticles of TiO ₂ and ZnO. <i>Water Science and Technology</i> , 2004, 49, 183-188.	1.2	43
56	An Epoxy Photoresist Modified by Luminescent Nanocrystals for the Fabrication of 3D High Aspect Ratio Microstructures. <i>Advanced Functional Materials</i> , 2007, 17, 2009-2017.	7.8	43
57	Instrumental and multivariate statistical analyses for the characterisation of the geographical origin of Apulian virgin olive oils. <i>Food Chemistry</i> , 2012, 133, 579-584.	4.2	43
58	Luminescent Oil-Soluble Carbon Dots toward White Light Emission: A Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 839-849.	1.5	43
59	High quality CdS nanocrystals: surface effects. <i>Synthetic Metals</i> , 2003, 139, 597-600.	2.1	42
60	Preparation of drug-loaded small unilamellar liposomes and evaluation of their potential for the treatment of chronic respiratory diseases. <i>International Journal of Pharmaceutics</i> , 2018, 545, 378-388.	2.6	42
61	Scalable Synthesis of Mesoporous TiO ₂ for Environmental Photocatalytic Applications. <i>Materials</i> , 2019, 12, 1853.	1.3	42
62	Commercial bentonite clay as low-cost and recyclable "natural" adsorbent for the Carbendazim removal/recover from water: Overview on the adsorption process and preliminary photodegradation considerations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125060.	2.3	42
63	Amino grafted MCM-41 as highly efficient and reversible ecofriendly adsorbent material for the Direct Blue removal from wastewater. <i>Journal of Molecular Liquids</i> , 2019, 273, 435-446.	2.3	41
64	Testing the Photosynthetic Bacterium <i>Rhodobacter Sphaeroides</i> as Heavy Metal Removal Tool. <i>Annali Di Chimica</i> , 2006, 96, 195-203.	0.6	39
65	Photocatalytic Activity of Nanocomposite Catalyst Films Based on Nanocrystalline Metal/Semiconductors. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12033-12040.	1.5	39
66	Geographical origin discrimination of lentils (<i>Lens culinaris</i> Medik.) using 1H NMR fingerprinting and multivariate statistical analyses. <i>Food Chemistry</i> , 2017, 237, 743-748.	4.2	39
67	Multifunctional green synthesized gold nanoparticles/chitosan/ellagic acid self-assembly: Antioxidant, sun filter and tyrosinase-inhibitor properties. <i>Materials Science and Engineering C</i> , 2020, 106, 110170.	3.8	39
68	Synthetic Antenna Functioning As Light Harvester in the Whole Visible Region for Enhanced Hybrid Photosynthetic Reaction Centers. <i>Bioconjugate Chemistry</i> , 2016, 27, 1614-1623.	1.8	38
69	Highly selective luminescent nanostructures for mitochondrial imaging and targeting. <i>Nanoscale</i> , 2016, 8, 3350-3361.	2.8	38
70	Chitosan Film as Eco-Friendly and Recyclable Bio-Adsorbent to Remove/Recover Diclofenac, Ketoprofen, and Their Mixture from Wastewater. <i>Biomolecules</i> , 2019, 9, 571.	1.8	38
71	Photodegradation of nalidixic acid assisted by TiO ₂ nanorods/Ag nanoparticles based catalyst. <i>Chemosphere</i> , 2013, 91, 941-947.	4.2	37
72	Eudragit S100 Entrapped Liposome for Curcumin Delivery: Anti-Oxidative Effect in Caco-2 Cells. <i>Coatings</i> , 2020, 10, 114.	1.2	37

#	ARTICLE	IF	CITATIONS
73	Aggregation processes and photophysical properties of chlorophyll a in aqueous solutions modulated by the presence of cyclodextrins. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2122.	1.3	36
74	Single white light emitting hybrid nanoarchitectures based on functionalized quantum dots. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5286.	2.7	36
75	SERS Properties of Gold Nanorods at Resonance with Molecular, Transverse, and Longitudinal Plasmon Excitations. <i>Plasmonics</i> , 2014, 9, 581-593.	1.8	36
76	Herbicides affect fluorescence and electron transfer activity of spinach chloroplasts, thylakoid membranes and isolated Photosystem II. <i>Bioelectrochemistry</i> , 2010, 79, 43-49.	2.4	35
77	Emerging methods for fabricating functional structures by patterning and assembling engineered nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11197.	1.3	35
78	Interaction of TiO ₂ Nanocrystals with Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12923-12929.	1.5	33
79	The lipidome of the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> R26 is affected by cobalt and chromate ions stress. <i>BioMetals</i> , 2014, 27, 65-73.	1.8	33
80	TiO ₂ nanocrystal films for sensing applications based on surface plasmon resonance. <i>Synthetic Metals</i> , 2005, 148, 25-29.	2.1	32
81	Effects of different vinification technologies on physical and chemical characteristics of Sauvignon blanc wines. <i>Food Chemistry</i> , 2012, 135, 2694-2701.	4.2	32
82	Chlorophyll a auto-aggregation in water rich region. <i>Biophysical Chemistry</i> , 1993, 47, 193-202.	1.5	31
83	Low-dimensional chainlike assemblies of TiO ₂ nanorod-stabilized Au nanoparticles. <i>Chemical Communications</i> , 2005, , 942.	2.2	31
84	β-Cyclodextrin Functionalized CdS Nanocrystals for Fabrication of 2/3 D Assemblies. <i>Journal of Physical Chemistry B</i> , 2006, 110, 17388-17399.	1.2	31
85	Cardiolipin increases in chromatophores isolated from <i>Rhodobacter sphaeroides</i> after osmotic stress: structural and functional roles. <i>Journal of Lipid Research</i> , 2009, 50, 256-264.	2.0	31
86	Deployment and exploitation of nanotechnology nanomaterials and nanomedicine. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	31
87	Hybrid Assemblies of Fluorescent Nanocrystals and Membrane Proteins in Liposomes. <i>Langmuir</i> , 2014, 30, 1599-1608.	1.6	30
88	Discrimination of geographical origin of lentils (<i>Lens culinaris</i> Medik.) using isotope ratio mass spectrometry combined with chemometrics. <i>Food Chemistry</i> , 2015, 188, 343-349.	4.2	30
89	An Alternative Use of Olive Pomace as a Wide-Ranging Bioremediation Strategy to Adsorb and Recover Disperse Orange and Disperse Red Industrial Dyes from Wastewater. <i>Separations</i> , 2017, 4, 29.	1.1	30
90	Light-dependent and Biochemical Properties of Two Different Bands of Bacteriorhodopsin Isolated on Phenyl-Sepharose CL-4B. <i>Photochemistry and Photobiology</i> , 1999, 69, 599-604.	1.3	29

#	ARTICLE	IF	CITATIONS
91	Isolation and characterization of lipids strictly associated to PSII complexes: Focus on cardiolipin structural and functional role. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1620-1627.	1.4	29
92	Thin films of TiO ₂ nanocrystals with controlled shape and surface coating for surface plasmon resonance alcohol vapour sensing. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 562-572.	4.0	29
93	Fabrication of flexible all-inorganic nanocrystal solar cells by room-temperature processing. <i>Energy and Environmental Science</i> , 2013, 6, 1565.	15.6	29
94	Photoactive Hybrid Material Based on Pyrene Functionalized PbS Nanocrystals Decorating CVD Monolayer Graphene. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4151-4159.	4.0	29
95	Dipole-dipole transfer between acetone solvates of chlorophyll a and chlorophyll a dihydrate dimers in water/acetone mixtures. A model for P680 sensitized excitation. <i>Chemical Physics Letters</i> , 1987, 137, 37-41.	1.2	28
96	Effect of β -cyclodextrin on spectroscopic properties of ochratoxin A in aqueous solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 475-479.	1.6	28
97	Interactions between heavy metals and photosynthetic materials studied by optical techniques. <i>Bioelectrochemistry</i> , 2009, 77, 19-25.	2.4	28
98	Self-organization of mono- and bi-modal PbS nanocrystal populations in superlattices. <i>CrystEngComm</i> , 2011, 13, 3988.	1.3	28
99	Biotin-decorated silica coated PbS nanocrystals emitting in the second biological near infrared window for bioimaging. <i>Nanoscale</i> , 2014, 6, 7924-7933.	2.8	28
100	A conductivity equation for concentrated aqueous solutions. <i>Electrochimica Acta</i> , 1984, 29, 933-937.	2.6	27
101	Investigation on the detergent role in the function of secondary quinone in bacterial reaction centers. <i>FEBS Journal</i> , 1999, 262, 358-364.	0.2	26
102	Inclusion complexes of Rose Bengal and cyclodextrins. <i>Thermochimica Acta</i> , 2004, 418, 33-38.	1.2	26
103	Hybrid Junctions of Zinc(II) and Magnesium(II) Phthalocyanine with Wide-Band-Gap Semiconductor Nano-oxides: A Spectroscopic and Photoelectrochemical Characterization. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24424-24432.	1.2	26
104	Tetrakis(4-pyridyl)porphyrin Supramolecular Complexes with Cyclodextrins in Aqueous Solution. <i>Photochemistry and Photobiology</i> , 2006, 82, 563.	1.3	26
105	UV-Light-Driven Immobilization of Surface-Functionalized Oxide Nanocrystals onto Silicon. <i>Advanced Functional Materials</i> , 2007, 17, 201-211.	7.8	26
106	Cyclodextrin/chlorophyll a complexes as supramolecular photosensitizers. <i>Bioelectrochemistry</i> , 2007, 70, 39-43.	2.4	26
107	Characterisation of RC-proteoliposomes at different RC/lipid ratios. <i>Photosynthesis Research</i> , 2009, 100, 107-112.	1.6	26
108	Determination of Ochratoxin A in Wine by Means of Immunoaffinity and Aminopropyl Solid-Phase Column Cleanup and Fluorometric Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1604-1608.	2.4	26

#	ARTICLE	IF	CITATIONS
109	The effect of in-amphorae aging on oenological parameters, phenolic profile and volatile composition of Minutolo white wine. <i>Food Research International</i> , 2015, 74, 294-305.	2.9	26
110	Spectroscopic and electrochemical characterization of chlorophyll a in different water + organic solvent mixtures. <i>Bioelectrochemistry</i> , 1990, 23, 311-324.	1.0	25
111	Formation of chlorophyll a photoreactive dimers in alcoholic mixtures: spectroscopic and electrochemical study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 58, 201-213.	2.0	25
112	Spontaneous emission control of colloidal nanocrystals using nanoimprinted photonic crystals. <i>Applied Physics Letters</i> , 2007, 90, 011115.	1.5	25
113	A Multifrequency EPR Study on Organic-Capped Anatase TiO ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6221-6226.	1.5	25
114	Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6143-6152.	1.5	25
115	Au nanoparticle <i>in situ</i> decorated RGO nanocomposites for highly sensitive electrochemical genosensors. <i>Journal of Materials Chemistry B</i> , 2019, 7, 768-777.	2.9	25
116	Biomaterials based on photosynthetic membranes as potential sensors for herbicides. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4747-4752.	5.3	24
117	Identification of Ros Produced by Photodynamic Activity of Chlorophyll/Cyclodextrin Inclusion Complexes. <i>Photochemistry and Photobiology</i> , 2013, 89, 432-441.	1.3	24
118	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 98-108.	2.8	23
119	Response of membrane protein to the environment: the case of photosynthetic Reaction Centre. <i>Materials Science and Engineering C</i> , 2002, 22, 263-267.	3.8	22
120	Functionalized Copper(II) Phthalocyanine in Solution and As Thin Film: Photochemical and Morphological Characterization toward Applications. <i>Langmuir</i> , 2009, 25, 10305-10313.	1.6	22
121	Biofunctionalization of Anisotropic Nanocrystalline Semiconductor "Magnetic Heterostructures. <i>Langmuir</i> , 2011, 27, 6962-6970.	1.6	22
122	Changes in morphology, cell wall composition and soluble proteome in <i>Rhodobacter sphaeroides</i> cells exposed to chromate. <i>BioMetals</i> , 2012, 25, 939-949.	1.8	22
123	A combined size sorting strategy for monodisperse plasmonic nanostructures. <i>Nanoscale</i> , 2013, 5, 3272.	2.8	22
124	High Surface Area Mesoporous Silica Nanoparticles with Tunable Size in the Sub-Micrometer Regime: Insights on the Size and Porosity Control Mechanisms. <i>Molecules</i> , 2021, 26, 4247.	1.7	22
125	Effect of Cyclodextrins on the Physicochemical Properties of Chlorophyllain Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1313-1317.	1.2	21
126	Mechanism of Quinol Oxidation by Ferricenium Produced by Light Excitation in Reaction Centers of Photosynthetic Bacteria. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4261-4270.	1.2	21

#	ARTICLE	IF	CITATIONS
127	Luminescent nanocrystals in phospholipid micelles for bioconjugation: An optical and structural investigation. <i>Journal of Colloid and Interface Science</i> , 2008, 325, 558-566.	5.0	21
128	The fate of silver ions in the photochemical synthesis of gold nanorods: an Extended X-ray Absorption Fine Structure Analysis. <i>Dalton Transactions</i> , 2009, , 10367.	1.6	21
129	Reverse micellar systems: self organised assembly as effective route for the synthesis of colloidal semiconductor nanocrystals. <i>Materials Science and Engineering C</i> , 2002, 22, 423-426.	3.8	20
130	Photoelectrochemical study on photosynthetic pigments-sensitized nanocrystalline ZnO films. <i>Bioelectrochemistry</i> , 2004, 63, 99-102.	2.4	20
131	Selective confinement of oleylamine capped Au nanoparticles in self-assembled PS-b-PEO diblock copolymer templates. <i>Soft Matter</i> , 2014, 10, 1676-1684.	1.2	20
132	NIR Emitting Nanoprobes Based on Cyclic RGD Motif Conjugated PbS Quantum Dots for Integrin-Targeted Optical Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43113-43126.	4.0	20
133	Liposome-modified titanium surface: A strategy to locally deliver bioactive molecules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 387-396.	2.5	20
134	Effect of ultrasound on the function and structure of a membrane protein: The case study of photosynthetic Reaction Center from <i>Rhodobacter sphaeroides</i> . <i>Ultrasonics Sonochemistry</i> , 2017, 35, 103-111.	3.8	20
135	A "classical" material for capture and detoxification of emergent contaminants for water purification: The case of tetracycline. <i>Environmental Technology and Innovation</i> , 2020, 19, 100812.	3.0	20
136	A polarographic investigation on the equilibrium constants of crown complexes in alcoholic solutions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1976, 74, 95-105.	0.3	19
137	Title is missing!. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 73, 653-659.	2.0	19
138	Enrichment of cardiolipin content throughout the purification procedure of photosystem II. <i>Bioelectrochemistry</i> , 2004, 63, 103-106.	2.4	19
139	Photoelectrochemical properties of Zn(II) phthalocyanine/ZnO nanocrystals heterojunctions: nanocrystal surface chemistry effect. <i>Applied Surface Science</i> , 2005, 246, 367-371.	3.1	19
140	Nanoimprinted photonic crystals for the modification of the (CdSe)ZnS nanocrystals light emission. <i>Microelectronic Engineering</i> , 2007, 84, 1574-1577.	1.1	19
141	Drop-on-demand inkjet printing of highly luminescent CdS and CdSe@ZnS nanocrystal based nanocomposites. <i>Microelectronic Engineering</i> , 2009, 86, 1124-1126.	1.1	19
142	Electroactive Layer-by-Layer Plasmonic Architectures Based on Au Nanorods. <i>Langmuir</i> , 2014, 30, 2608-2618.	1.6	19
143	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. <i>Nano Research</i> , 2016, 9, 644-662.	5.8	19
144	A designed UV-vis light curable coating nanocomposite based on colloidal TiO ₂ NRs in a hybrid resin for stone protection. <i>Progress in Organic Coatings</i> , 2018, 122, 290-301.	1.9	19

#	ARTICLE	IF	CITATIONS
145	A Bacterial Photosynthetic Enzymatic Unit Modulating Organic Transistors with Light. <i>Advanced Electronic Materials</i> , 2020, 6, 1900888.	2.6	19
146	CYCLIC VOLTAMMETRY MEASUREMENTS OF THE PHOTOELECTROGENIC REACTIONS OF THYLAKOID MEMBRANES. <i>Photochemistry and Photobiology</i> , 1992, 55, 449-455.	1.3	18
147	Two-Dimensional Plasmonic Superlattice Based on Au Nanoparticles Self-Assembling onto a Functionalized Substrate. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7579-7590.	1.5	18
148	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , 2016, 11, e0153451.	1.1	18
149	Enhanced photoactivity and conductivity in transparent TiO ₂ nanocrystals/graphene hybrid anodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9307-9315.	5.2	18
150	Interaction between the photosynthetic anoxygenic microorganism <i>Rhodobacter sphaeroides</i> and soluble gold compounds. From toxicity to gold nanoparticle synthesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 362-371.	2.5	18
151	Interaction between chlorophyll a and b-cyclodextrin derivatives in aqueous solutions. <i>Magyar Árvad Kémlelőnyek</i> , 2002, 70, 115-122.	1.4	17
152	Excitation-Dependent Ultrafast Carrier Dynamics of Colloidal TiO ₂ Nanorods in Organic Solvent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25215-25222.	1.5	17
153	Rose Bengal-photosensitized oxidation of 4-thiothymidine in aqueous medium: evidence for the reaction of the nucleoside with singlet state oxygen. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26307-26319.	1.3	17
154	Promoting oxygen vacancy formation and p-type conductivity in SrTiO ₃ via alkali metal doping: a first principles study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28951-28959.	1.3	17
155	Lipid-based systems loaded with PbS nanocrystals: near infrared emitting trackable nanovectors. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1471-1481.	2.9	17
156	High Efficiency FRET Processes in BODIPY Functionalized Quantum Dot Architectures. <i>Chemistry - A European Journal</i> , 2021, 27, 2371-2380.	1.7	17
157	A highly efficient heptamethine cyanine antenna for photosynthetic Reaction Center: From chemical design to ultrafast energy transfer investigation of the hybrid system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 350-359.	0.5	17
158	Chlorophyll a self-organization in microheterogeneous surfactant systems. <i>Biophysical Chemistry</i> , 1996, 60, 17-27.	1.5	16
159	Determination of optical parameters of colloidal TiO ₂ nanocrystals-based thin films by using surface plasmon resonance measurements for sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2006, 115, 365-373.	4.0	16
160	Study on the aggregation and electrochemical properties of Rose Bengal in aqueous solution of cyclodextrins. <i>Bioelectrochemistry</i> , 2007, 70, 44-49.	2.4	16
161	Soluble proteome investigation of cobalt effect on the carotenoidless mutant of <i>Rhodobacter sphaeroides</i> . <i>Journal of Applied Microbiology</i> , 2009, 106, 338-349.	1.4	16
162	Coupling effects in QD dimers at sub-nanometer interparticle distance. <i>Nano Research</i> , 2020, 13, 1071-1080.	5.8	16

#	ARTICLE	IF	CITATIONS
163	Cyclodextrin mediated phase transfer in water of organic capped CdS nanocrystals. <i>Synthetic Metals</i> , 2005, 148, 43-46.	2.1	15
164	Scanning Electrochemical Microscopy of the Photosynthetic Reaction Center of Rhodospirillum rubrum in Different Environmental Systems. <i>Analytical Chemistry</i> , 2006, 78, 5046-5051.	3.2	15
165	Spectroscopic investigation of Rose Bengal/cyclodextrin interactions in aqueous solution: the case of the hydroxypropyl-cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 663-668.	1.6	15
166	Interactions between surfactant capped CdS nanocrystals and organic solvent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 271-277.	2.0	15
167	Poly(methyl methacrylate) nanocomposites based on TiO ₂ nanocrystals: Tailoring material properties towards sensing. <i>Thin Solid Films</i> , 2011, 519, 3931-3938.	0.8	15
168	Design and modelling of a photo-electrochemical transduction system based on solubilized photosynthetic reaction centres. <i>Electrochimica Acta</i> , 2019, 293, 105-115.	2.6	15
169	Low Temperature Synthesis of Photocatalytic Mesoporous TiO ₂ Nanomaterials. <i>Catalysts</i> , 2020, 10, 893.	1.6	15
170	Photoelectrodes with Polydopamine Thin Films Incorporating a Bacterial Photoenzyme. <i>Advanced Electronic Materials</i> , 2020, 6, 2000140.	2.6	15
171	Extension of the Falkenhagen equation to the conductivity of concentrated electrolyte solutions. <i>The Journal of Physical Chemistry</i> , 1984, 88, 2124-2127.	2.9	14
172	Photochemical sensitisation process at photosynthetic pigments/Q-sized colloidal semiconductor hetero-junctions. <i>Synthetic Metals</i> , 2003, 139, 593-596.	2.1	14
173	Surface Functionalization of Epoxy Resin-Based Microcantilevers with Iron Oxide Nanocrystals. <i>Advanced Materials</i> , 2010, 22, 3288-3292.	11.1	14
174	pH-related features and photostability of 4-thiothymidine in aqueous solution: an investigation by UV-visible, NMR and FTIR-ATR spectroscopies and by electrospray ionization mass spectrometry. <i>RSC Advances</i> , 2014, 4, 48804-48814.	1.7	14
175	CdS Nanocrystals from a Quaternary Water-in-Oil Microemulsion: Preparation and Characterization of Self-Assembled Layers. <i>Journal of Colloid and Interface Science</i> , 2001, 243, 165-170.	5.0	13
176	Lipid content in higher plants under osmotic stress. <i>Bioelectrochemistry</i> , 2007, 70, 12-17.	2.4	13
177	Photocurrent generation in a CdS nanocrystals/poly[2-methoxy-5-(2-ethyl-xyloxy)phenylene vinylene] electrochemical cell. <i>Thin Solid Films</i> , 2008, 516, 5010-5015.	0.8	13
178	Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 055007.	2.8	13
179	Assembly of a photosynthetic reaction center with ABA tri-block polymersomes: highlights on protein localization. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1844-1852.	1.6	13
180	Adsorption stripping voltammetry of different solvated species of chlorophyll a in water + acetone mixtures. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 249, 89-95.	0.3	12

#	ARTICLE	IF	CITATIONS
181	Polarographic studies of photocatalytic chlorophyll. Formation of chlorophyll a dihydrate dimer and oligomer in water-acetone binary solvent mixtures. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 936, 171-178.	0.5	12
182	Photoelectrochemistry of thylakoid and sub-thylakoid membrane preparations: Cyclic voltammetry and action spectra. <i>Electrochimica Acta</i> , 1993, 38, 757-762.	2.6	12
183	Preparation and characterisation of organic-inorganic heterojunction based on BDA-PPV/CdS nanocrystals. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 74, 175-179.	1.7	12
184	Relevance of the chlorophyll phytyl chain on lamellar phase formation and organisation. <i>Biophysical Chemistry</i> , 2000, 84, 189-194.	1.5	12
185	pH-sensitive fluorescent dye as probe for proton uptake in photosynthetic reaction centers. <i>Bioelectrochemistry</i> , 2004, 63, 125-128.	2.4	12
186	Trapping of a long-living charge separated state of photosynthetic reaction centers in proteoliposomes of negatively charged phospholipids. <i>Photosynthesis Research</i> , 2005, 83, 53-61.	1.6	12
187	Light induced transmembrane proton gradient in artificial lipid vesicles reconstituted with photosynthetic reaction centers. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 373-384.	1.0	12
188	Assembly of Gold Nanorods for Highly Sensitive Detection of Mercury Ions. <i>IEEE Sensors Journal</i> , 2013, 13, 2834-2841.	2.4	12
189	Segmented poly(styrene-co-vinylpyridine) as multivalent host for CdSe nanocrystal based nanocomposites. <i>European Polymer Journal</i> , 2014, 60, 222-234.	2.6	12
190	Solvent dispersible nanocomposite based on Reduced Graphene Oxide and in-situ decorated gold nanoparticles. <i>Carbon</i> , 2019, 152, 777-787.	5.4	12
191	In vitro photoelectrochemical model of the Z scheme in green plant photosynthesis. <i>Bioelectrochemistry</i> , 1987, 17, 325-337.	1.0	11
192	Electrochemical characterization of species involved in photosynthesis: from proteins to model systems. <i>Journal of Electroanalytical Chemistry</i> , 2004, 564, 35-43.	1.9	11
193	Precision Patterning with Luminescent Nanocrystal-Functionalized Beads. <i>Langmuir</i> , 2010, 26, 14294-14300.	1.6	11
194	Colloidal nanocrystal ZnO- and TiO ₂ -modified electrodes sensitized with chlorophyll a and carotenoids: a photoelectrochemical study. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6467-6481.	0.8	11
195	Surface chemical functionalization of single walled carbon nanotubes with a bacteriorhodopsin mutant. <i>Nanoscale</i> , 2012, 4, 6434.	2.8	11
196	Isothermal microcalorimetry of the metabolically versatile bacterium <i>Rhodobacter sphaeroides</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 505-511.	2.0	11
197	The binding of quinone to the photosynthetic reaction centers: kinetics and thermodynamics of reactions occurring at the QB-site in zwitterionic and anionic liposomes. <i>European Biophysics Journal</i> , 2014, 43, 301-315.	1.2	11
198	Surface Engineering of Gold Nanorods for Cytochrome <i>c</i> Bioconjugation: An Effective Strategy To Preserve the Protein Structure. <i>ACS Omega</i> , 2018, 3, 4959-4967.	1.6	11

#	ARTICLE	IF	CITATIONS
199	Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. <i>RSC Advances</i> , 2019, 9, 21810-21825.	1.7	11
200	Electronic Nose in Combination with Chemometrics for Characterization of Geographical Origin and Agronomic Practices of Table Grape. <i>Food Analytical Methods</i> , 2019, 12, 1229-1237.	1.3	11
201	Tracing the Geographical Origin of Lentils (<i>Lens culinaris Medik.</i>) by Infrared Spectroscopy and Chemometrics. <i>Food Analytical Methods</i> , 2019, 12, 773-779.	1.3	11
202	Current-potential curves of photosystems adsorbed on platinized platinum electrodes. <i>Bioelectrochemistry</i> , 1983, 10, 377-384.	1.0	10
203	Characterization of polypyrrole films electrodeposited by water solutions: effect of the supporting electrolyte and cytochrome c immobilization. <i>Electrochimica Acta</i> , 1993, 38, 2581-2588.	2.6	10
204	Photophysical and electrochemical properties of chlorophyll a-cyclodextrins complexes. <i>Bioelectrochemistry</i> , 2004, 63, 117-120.	2.4	10
205	Spectroscopic and electrochemical study of Rose Bengal in aqueous solutions of cyclodextrins. <i>Bioelectrochemistry</i> , 2004, 63, 107-110.	2.4	10
206	Enthalpy/entropy driven activation of the first interquinone electron transfer in bacterial photosynthetic reaction centers embedded in vesicles of physiologically important phospholipids. <i>Bioelectrochemistry</i> , 2007, 70, 18-22.	2.4	10
207	Phototoxicity and cytotoxicity of chlorophyll a/cyclodextrins complexes on Jurkat cells. <i>Bioelectrochemistry</i> , 2008, 74, 58-61.	2.4	10
208	Polyelectrolyte Multilayers As a Platform for Luminescent Nanocrystal Patterned Assemblies. <i>Langmuir</i> , 2012, 28, 5964-5974.	1.6	10
209	Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing. <i>Nanotechnology</i> , 2012, 23, 075701.	1.3	10
210	Isotope ratio mass spectrometry in combination with chemometrics for characterization of geographical origin and agronomic practices of table grape. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3173-3180.	1.7	10
211	Water photoelectrolysis through the use of electrodes covered by photosystems I and II. <i>Bioelectrochemistry</i> , 1984, 12, 499-507.	1.0	9
212	Polarographic and wavelength-selected fluorescence excitation studies of chlorophyll a aggregation in water containing trace amounts of acetone. <i>Bioelectrochemistry</i> , 1990, 23, 301-310.	1.0	9
213	Electrochemical investigation of the interaction of different mediators with the photosynthetic reaction center from <i>Rhodospirillum rubrum</i> . <i>Electrochimica Acta</i> , 2000, 45, 1821-1828.	2.6	9
214	Electrochemical and photoelectrochemical behavior of chlorophyll a films adsorbed on mercury. <i>Journal of Electroanalytical Chemistry</i> , 2003, 550-551, 229-240.	1.9	9
215	Role of endogenous lipids in the chromophore regeneration of bacteriorhodopsin. <i>Bioelectrochemistry</i> , 2004, 63, 111-115.	2.4	9
216	Photosynthesis research in Italy: a review. <i>Photosynthesis Research</i> , 2006, 88, 211-240.	1.6	9

#	ARTICLE	IF	CITATIONS
217	Luminescent CdSe@ZnS nanocrystals embedded in liposomes: a cytotoxicity study in HeLa cells. <i>Toxicology Research</i> , 2017, 6, 947-957.	0.9	9
218	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23205-23213.	1.5	9
219	Oil-Dispersible Green-Emitting Carbon Dots: New Insights on a Facile and Efficient Synthesis. <i>Materials</i> , 2020, 13, 3716.	1.3	9
220	Development of Spirulina sea-weed raw extract/polyamidoamine hydrogel system as novel platform in photodynamic therapy: Photostability and photoactivity of chlorophyll a. <i>Materials Science and Engineering C</i> , 2021, 119, 111593.	3.8	9
221	Chlorophyll a dimer photoreactions in lecithin organogels. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 13, 241-251.	1.7	8
222	Charge recombination kinetics of photosynthetic reaction centers. <i>Bioelectrochemistry</i> , 1995, 38, 25-33.	1.0	8
223	Photophysical properties of quinones and their interaction with the photosynthetic reaction centre. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 973-978.	1.6	8
224	Oxidoreductase activity of chromatophores and purified cytochrome bc 1 complex from <i>Rhodobacter sphaeroides</i> : a possible role of cardiolipin. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 487-493.	1.0	8
225	Photoelectrochemical properties of ZnO nanocrystals/MEH-PPV composite: The effects of nanocrystals synthetic route, film deposition and electrolyte composition. <i>Thin Solid Films</i> , 2015, 595, 157-163.	0.8	8
226	Semiquinone oscillations as a tool for investigating the ubiquinone binding to photosynthetic reaction centers. <i>European Biophysics Journal</i> , 2015, 44, 183-192.	1.2	8
227	A far-red emitting aryleneethynylene fluorophore used as light harvesting antenna in hybrid assembly with the photosynthetic reaction center. <i>MRS Advances</i> , 2016, 1, 495-500.	0.5	8
228	Gold@SiO ₂ speckled SPION@SiO ₂ Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 11048-11059.	1.7	8
229	PbS nanocrystals decorated Reduced Graphene Oxide for NIR responsive capacitive cathodes. <i>Carbon</i> , 2021, 182, 57-69.	5.4	8
230	The conductivity of non-aqueous electrolyte solutions containing crown-ethers. <i>Electrochimica Acta</i> , 1983, 28, 529-533.	2.6	7
231	Photoelectrochemistry of thylakoid membranes. <i>Bioelectrochemistry</i> , 1997, 42, 255-262.	1.0	7
232	Photoelectrochemical properties of hybrid junctions based on zinc phthalocyanine and semiconducting colloidal nanocrystals. <i>Electrochimica Acta</i> , 2006, 51, 5120-5124.	2.6	7
233	Oxide nanocrystal based nanocomposites for fabricating photoplastic AFM probes. <i>Nanoscale</i> , 2011, 3, 4632.	2.8	7
234	Isolation of Squarebop I bacteriorhodopsin from biomass of coastal salterns. <i>Protein Expression and Purification</i> , 2012, 84, 73-79.	0.6	7

#	ARTICLE	IF	CITATIONS
235	Phase Transfer of CdS Nanocrystals Mediated by Heptamine β -Cyclodextrin. <i>Langmuir</i> , 2012, 28, 8711-8720.	1.6	7
236	Bursting photosynthesis: designing ad-hoc fluorophores to complement the light harvesting capability of the photosynthetic reaction center. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1689, 13.	0.1	7
237	Three-Dimensional Self-Assembly of Networked Branched TiO ₂ Nanocrystal Scaffolds for Efficient Room-Temperature Processed Depleted Bulk Heterojunction Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5026-5033.	4.0	7
238	First-principles study of trimethylamine adsorption on anatase TiO ₂ nanorod surfaces. <i>Theoretical Chemistry Accounts</i> , 2015, 134, 1.	0.5	7
239	Modulating the lifetime of the charge-separated state in photosynthetic reaction center by out-of-protein electrostatics. <i>MRS Advances</i> , 2018, 3, 1497-1507.	0.5	7
240	Conductometric behaviour of alkali metal halides in non-aqueous solvents containing crown-ethers. <i>Electrochimica Acta</i> , 1984, 29, 161-166.	2.6	6
241	Focus on the aggregation processes of Photosystem II complexes. <i>Bioelectrochemistry</i> , 2007, 70, 33-38.	2.4	6
242	Photo-thermal effects in gold nanorods/DNA complexes. <i>Micro and Nano Systems Letters</i> , 2015, 3, .	1.7	6
243	CsPbBr ₃ Nanocrystals-Based Polymer Nanocomposite Films: Effect of Polymer on Spectroscopic Properties and Moisture Tolerance. <i>Energies</i> , 2020, 13, 6730.	1.6	6
244	Degradation treatment of waste water from olive processing. <i>Water, Air, and Soil Pollution</i> , 1980, 13, 251-256.	1.1	5
245	Spectroscopic and electrochemical characterization of chlorophyll a in different water + organic solvent mixtures. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 298, 311-324.	0.3	5
246	Calorimetric study of CdS nanoparticle formation in w/o microemulsions. <i>Materials Science and Engineering C</i> , 2003, 23, 1077-1081.	3.8	5
247	Hybrid nanocomposites based on CdS and CdSe colloidal nanocrystals in organic polymers. , 2005, , .		5
248	Effect of aggregation state, temperature and phospholipids on photobleaching of photosynthetic pigments in spinach Photosystem II core complexes. <i>Bioelectrochemistry</i> , 2008, 73, 43-48.	2.4	5
249	Modification of Spontaneous Emission of (CdSe)ZnS Nanocrystals Embedded in Nanoimprinted Photonic Crystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 535-539.	0.9	5
250	Surface Functionalization of Micro Mechanical Cantilever Sensors by Organic Capped TiO ₂ and Fe ₂ O ₃ Nanocrystals. <i>Procedia Chemistry</i> , 2009, 1, 32-35.	0.7	5
251	Chemically Directed Assembling of Functionalized Luminescent Nanocrystals onto Plasma Modified Substrates Towards Sensing and Optoelectronic Applications. <i>Plasma Processes and Polymers</i> , 2009, 6, S870.	1.6	5
252	Semiconductor nanocrystals dispersed in imidazolium-based ionic liquids: a spectroscopic and morphological investigation. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	5

#	ARTICLE	IF	CITATIONS
253	Hybrid charge transfer complexes based on archaeal glycolipids wrapping single walled carbon nanotubes. <i>Chemical Communications</i> , 2013, 49, 6941.	2.2	5
254	Nanocomposites Based on Luminescent Colloidal Nanocrystals and Polymeric Ionic Liquids towards Optoelectronic Applications. <i>Materials</i> , 2014, 7, 591-610.	1.3	5
255	Photosystem II based multilayers obtained by electrostatic layer-by-layer assembly on quartz substrates. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 221-228.	1.0	5
256	H-bonding driven assembly of colloidal Au nanoparticles on nanostructured poly(styrene-b-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	5
257	Applications of nanomaterials in modern medicine. <i>Rendiconti Lincei</i> , 2015, 26, 231-237.	1.0	5
258	Potential of 4-thiothymidine as a molecular probe for H ₂ O ₂ in systems related to PhotoDynamic therapy: A structuralistic and mechanistic insight by UVâ€“visible and FTIR-ATR spectroscopies and by ElectroSpray ionization mass spectrometry. <i>Journal of Molecular Liquids</i> , 2018, 264, 398-409.	2.3	5
259	A comprehensive investigation of amino grafted mesoporous silica nanoparticles supramolecular assemblies to host photoactive chlorophyll a in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 149-158.	2.0	5
260	Cu_{2âˆ“x}S nanocrystal synthesis: a chemical toolbox for controlling nanocrystal geometry, phase and plasmonic behavior. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1341-1354.	3.2	5
261	Coupling in quantum dot molecular hetero-assemblies. <i>Materials Research Bulletin</i> , 2022, 146, 111578.	2.7	5
262	Ë€â€“Ë€ Interactions Mediated Pyrene Based Ligand Enhanced Photoresponse in Hybrid Graphene/PbS Quantum Dots Photodetectors. <i>Advanced Electronic Materials</i> , 2022, 8, 2100672.	2.6	5
263	Spectroelectrochemical behaviour of water bounded Chl a in the presence of various acceptors. <i>Bioelectrochemistry</i> , 1987, 17, 17-26.	1.0	4
264	Monolayers and multilayers of chlorophyll a on a mercury electrode. <i>Bioelectrochemistry</i> , 2002, 56, 159-162.	2.4	4
265	Chlorophyllide a/cyclodextrin interaction in aqueous solution. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 77, 437-444.	2.0	4
266	Photoinduced Electroreduction of Chlorophyllide on Alkanethiol-Coated Mercury. <i>Journal of the American Chemical Society</i> , 2005, 127, 2231-2237.	6.6	4
267	Hybrid Nanocomposites Based on Luminescent Colloidal Nanocrystals in Poly(methyl methacrylate): Spectroscopical and Morphological Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 628-634.	0.9	4
268	Functionalized luminescent nanocrystals on patterned surfaces obtained by radio frequency glow discharges. <i>Nanotechnology</i> , 2013, 24, 145302.	1.3	4
269	Crystallographic analysis of the photosynthetic reaction center from <i>Rhodobacter sphaeroides</i> bioconjugated with an artificial antenna. <i>MRS Advances</i> , 2016, 1, 3789-3800.	0.5	4
270	TiO ₂ Nanocrystals Decorated CVD Graphene Based Hybrid for UV-Light Active Photoanodes. <i>Procedia Engineering</i> , 2016, 168, 396-402.	1.2	4

#	ARTICLE	IF	CITATIONS
271	Profiling of ornithine lipids in bacterial extracts of <i>Rhodobacter sphaeroides</i> by reversed-phase liquid chromatography with electrospray ionization and multistage mass spectrometry (RPLC-ESI-MSn). <i>Analytica Chimica Acta</i> , 2016, 903, 110-120.	2.6	4
272	Unveiling the compositional variety of cardiolipins in <i>Rhodobacter sphaeroides</i> by liquid chromatography with electrospray ionization and multistage collision-induced dissociation mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5007-5018.	1.9	4
273	Recombination Dynamics of Colloidal Nanocrystals in Functionalized-Poly-Methylmethacrylate Nanocomposites. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 67-73.	0.4	4
274	Calorimetric evaluation of the acetone partition in AOT/water/isooctane microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 244, 179-185.	2.3	3
275	Optical properties of nanocomposites based on (CdSe)ZnS core shell nanocrystals in cyclic olefin copolymer. <i>Synthetic Metals</i> , 2018, 245, 121-126.	2.1	3
276	Hybrid Interfaces for Electron and Energy Transfer Based on Photosynthetic Proteins. <i>Books in Soils, Plants, and the Environment</i> , 2016, , 201-220.	0.1	3
277	Charge recombination kinetics of photosynthetic reaction centres in phospholipid organized systems. <i>Journal of Chemical Sciences</i> , 1998, 110, 251-264.	0.7	3
278	Cyclic voltammetry: A powerful tool to follow redox processes in biologically relevant systems. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 17, 294-297.	1.7	2
279	Water phase transfer of oleic capped semiconductor nanocrystals mediated by β -cyclodextrins. , 2005, , .		2
280	Magnetic Nanocrystals Modified Epoxy Photoresist for Microfabrication of AFM probes. <i>Procedia Chemistry</i> , 2009, 1, 580-584.	0.7	2
281	Radiative exciton recombination dynamics in QD-tagged polystyrene microspheres. <i>Journal of Materials Science</i> , 2012, 47, 374-381.	1.7	2
282	Interactions between cyclodextrins and fluorescent T-2 and HT-2 toxin derivatives: a physico-chemical study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 285-292.	1.6	2
283	Bio-hybrid photoconverter by covalent functionalization of the photosynthetic reaction center of <i>Rhodobacter sphaeroides</i> with fluorescein isothiocyanate. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1722, 39.	0.1	2
284	Photoactive film by covalent immobilization of a bacterial photosynthetic protein on reduced graphene oxide surface. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1717, 12.	0.1	2
285	Reactivity of 4-thiothymidine with Fenton reagent investigated by UV-visible spectroscopy and electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 389-401.	0.7	2
286	PbS Quantum Dots Decorating TiO ₂ Nanocrystals: Synthesis, Topology, and Optical Properties of the Colloidal Hybrid Architecture. <i>Molecules</i> , 2020, 25, 2939.	1.7	2
287	Surface Functionalized Luminescent Nanocrystals Electrostatically Assembled onto a Patterned Substrate. <i>Current Nanoscience</i> , 2016, 12, 386-395.	0.7	2
288	Current-potential curves of photosystems adsorbed on platinized platinum electrodes. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1983, 155, 377-384.	0.3	1

#	ARTICLE	IF	CITATIONS
289	Physico-chemical properties of NH ₄ I-formamide concentrated solutions. <i>Electrochimica Acta</i> , 1984, 29, 29-33.	2.6	1
290	Polarographic and wavelength-selected fluorescence excitation studies of chlorophyll a aggregation in water containing trace amounts of acetone. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 298, 301-310.	0.3	1
291	Structural, Optical and Chemical Properties of Zns and Cds Nanoparticles Obtained by an Improved Colloidal Chemistry Synthetic Route.. <i>Materials Research Society Symposia Proceedings</i> , 2001, 676, 241.	0.1	1
292	Tetrakis-(isopropoxy-carbonyl)-copper-phthalocyanine thin films: deposition, characterization and application. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 741-751.	0.4	1
293	Conjugated Polymer and Luminescent Nanocrystals for Ink-Jet Printing. , 2010, , .		1
294	Au Based Nanocomposites Towards Plasmonic Applications. , 2010, , .		1
295	Plasmonics Meets Biology through Optics. <i>Nanomaterials</i> , 2015, 5, 1022-1033.	1.9	1
296	Micropatterning of Plastic Nanocomposite Films: Effect of Au Nanoparticle Content. <i>Science of Advanced Materials</i> , 2014, 6, 505-512.	0.1	1
297	Streaming diffusion effect on spheres falling in a circular cylinder. <i>Electrochimica Acta</i> , 1980, 25, 1535-1540.	2.6	0
298	Electrochemical study on the interaction between cytochrome c and chlorophyll a. <i>Bioelectrochemistry</i> , 1995, 38, 15-20.	1.0	0
299	Relevance of the Protein-Lipid Interaction on the Functioning of the Bacterial Reaction Center. <i>Annals of the New York Academy of Sciences</i> , 1999, 879, 215-219.	1.8	0
300	ZnO Nanocrystals by a Non-Hydrolytic Route: Synthesis and Characterization.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
301	<title>Collodial TiO<formula><inf><roman>2</roman></inf></formula> rod and dot based thin films for chemical sensors based on surface plasmon resonance</title>. , 2005, 5836, 27.		0
302	Nanoimprinted photonic component for light extraction applications. , 2007, , .		0
303	Investigation of morphology of nanocrystal based nanocomposites. Theoretical and computational analysis. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
304	Surface chemical functionalization of single walled carbon nanotubes by mutated Bacteriorhodopsin towards sensing applications. , 2011, , .		0
305	Assembly of gold nanorods for highly sensitive detection of heavy metals. , 2012, , .		0
306	Surface chemical functionalisation of epoxy photoresist-based microcantilevers with organic-coated TiO ₂ nanocrystals. <i>Micro and Nano Letters</i> , 2012, 7, 337.	0.6	0

#	ARTICLE	IF	CITATIONS
307	Photoconverters with organic semiconductors and photosynthetic bacteria: positioning the bacterial Reaction Center in nanostructures. , 2016, , .		0
308	TiO ₂ nanocrystals decorated CVD graphene for electroanalytical sensing. , 2017, , .		0
309	pH dependence of the charge recombination kinetics in bacterial RC reconstituted in liposomes. MRS Advances, 2019, 4, 1149-1154.	0.5	0
310	Spectral and Kinetic Properties of Semiquinones in Bacterial Photosynthetic Reaction Centres Embedded in Liposomes Obtained by Different Phospholipids. , 2008, , 145-148.		0
311	Coupling between the Light and Dark Reactions of Oxygen Evolution and CO ₂ Fixation in Photosynthesis: Early Experiments in Photosynthesis Revisited. , 1990, , 377-396.		0
312	The Power of Chemistry for Humanity. ChemistryViews, 2018, , .	0.0	0
313	Deposition Strategies of Nano-TiO ₂ Photocatalyst for Wastewater Applications. NATO Science for Peace and Security Series A: Chemistry and Biology, 2020, , 225-226.	0.5	0
314	Luminescent Polymeric Nanovectors Loaded with Darunavir for Treatment of HIV-Associated Neurological Diseases. NATO Science for Peace and Security Series A: Chemistry and Biology, 2020, , 255-256.	0.5	0
315	Signal Transduction Techniques for Photosynthetic Proteins. , 0, , 94-107.		0