Gerardo Palazzo

List of Publications by Year
in descending order

193 papers	6,275 citations	66343 42 h-index	88630 70 g-index
202 all docs	202 docs citations	202 times ranked	7094 citing authors

#	Article	IF	Citations
1	Organic field-effect transistor sensors: a tutorial review. Chemical Society Reviews, 2013, 42, 8612.	38.1	701
2	Capacitance-modulated transistor detects odorant binding protein chiral interactions. Nature Communications, 2015, 6, 6010.	12.8	204
3	Single-molecule detection with a millimetre-sized transistor. Nature Communications, 2018, 9, 3223.	12.8	184
4	Detection Beyond Debye's Length with an Electrolyteâ€Gated Organic Fieldâ€Effect Transistor. Advanced Materials, 2015, 27, 911-916.	21.0	174
5	Microstructure and Dynamics of the Water-in-Oil CTAB/n-Pentanol/n-Hexane/Water Microemulsion:â€‰ A Spectroscopic and Conductivity Study. The Journal of Physical Chemistry, 1996, 100, 3190-3198.	2.9	153
6	Electrolyteâ€Gated Organic Fieldâ€Effect Transistor Sensors Based on Supported Biotinylated Phospholipid Bilayer. Advanced Materials, 2013, 25, 2090-2094.	21.0	150
7	Carbon based materials for electronic bio-sensing. Materials Today, 2011, 14, 424-433.	14.2	138
8	The Pros and Cons of the Use of Laser Ablation Synthesis for the Production of Silver Nano-Antimicrobials. Antibiotics, 2018, 7, 67.	3.7	115
9	Microemulsion Microstructure(s): A Tutorial Review. Nanomaterials, 2020, 10, 1657.	4.1	113
10	Internal dynamics and proteinâ€“matrix coupling in trehalose-coated proteins. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1749, 252-281.	2.3	111
11	Interfacial electronic effects in functional biolayers integrated into organic field-effect transistors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6429-6434.	7.1	109
12	Phase Diagram and Phase Properties of the System Lecithinâˆ'Waterâˆ'Cyclohexane. Langmuir, 2000, 16, 2124-2132.	3.5	97
13	Role of the Cosurfactant in the CTAB/Water/n-Pentanol/n-Hexane Water-in-Oil Microemulsion. 1. Pentanol Effect on the Microstructureâ€. Journal of Physical Chemistry B, 2003, 107, 1924-1931.	2.6	93
14	Proteinâˆ'Matrix Coupling/Uncoupling in â€œDryâ€•Systems of Photosynthetic Reaction Center Embedded in Trehalose/Sucrose: The Origin of Trehalose Peculiarity. Journal of the American Chemical Society, 2008, 130, 10240-10246.	13.7	88
15	Electron Transfer Kinetics in Photosynthetic Reaction Centers Embedded in Trehalose Glasses: Trapping of Conformational Substates at Room Temperature. Biophysical Journal, 2002, 82, 558-568.	0.5	87
16	Printable Bioelectronics To Investigate Functional Biological Interfaces. Angewandte Chemie - International Edition, 2015, 54, 12562-12576.	13.8	86
17	Water Diffusion and Headgroup Mobility in Polymer-like Reverse Micelles:Â Evidence of a Sphere-to-Rod-to-Sphere Transition. Journal of Physical Chemistry B, 1998, 102, 2883-2889.	2.6	82
18	Tailoring Functional Interlayers in Organic Fieldâ€Effect Transistor Biosensors. Advanced Materials, 2015, 27, 7528-7551.	21.0	75

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19	Phase Behavior of the Lecithin/Water/Isooctane and Lecithin/Water/Decane Systems. Langmuir, 2004, 20, 619-631.	3.5	72
20	The double layer capacitance of ionic liquids for electrolyte gating of ZnO thin film transistors and effect of gate electrodes. Journal of Materials Chemistry C, 2017, 5, 3509-3518.	5.5	66
21	Towards highly stable aqueous dispersions of multi-walled carbon nanotubes: the effect of oxygen plasma functionalization. Journal of Colloid and Interface Science, 2017, 491, 255-264.	9.4	66
22	Selective single-molecule analytical detection of C-reactive protein in saliva with an organic transistor. Analytical and Bioanalytical Chemistry, 2019, 411, 4899-4908.	3.7	66
23	Biocompatible Lecithin Organogels:Â Structure and Phase Equilibria. Langmuir, 2005, 21, 140-148.	3.5	64
24	Label-free C-reactive protein electronic detection with an electrolyte-gated organic field-effect transistor-based immunosensor. Analytical and Bioanalytical Chemistry, 2016, 408, 3943-3952.	3.7	63
25	Label-Free and Selective Single-Molecule Bioelectronic Sensing with a Millimeter-Wide Self-Assembled Monolayer of Anti-Immunoglobulins. Chemistry of Materials, 2019, 31, 6476-6483.	6.7	62
26	Removal of chromate from water by a new CTABâ€“silica gelatin composite. Journal of Colloid and Interface Science, 2007, 310, 353-361.	9.4	59
27	Organic Field-Effect Transistor Platform for Label-Free, Single-Molecule Detection of Genomic Biomarkers. ACS Sensors, 2020, 5, 1822-1830.	7.8	59
28	Role of the cosurfactant in water-in-oil microemulsion: interfacial properties tune the enzymatic activity of lipase. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 237, 49-59.	4.7	57
29	Residual Water Modulates QAâ^'-to-QB Electron Transfer in Bacterial Reaction Centers Embedded in Trehalose Amorphous Matrices. Biophysical Journal, 2003, 85, 2760-2775.	0.5	55
30	Part per Trillion Label-Free Electronic Bioanalytical Detection. Analytical Chemistry, 2013, 85, 3849-3857.	6.5	55
31	Phospholipid film in electrolyte-gated organic field-effect transistors. Organic Electronics, 2012, 13, 638-644.	2.6	54
32	Wormlike reverse micelles. Soft Matter, 2013, 9, 10668.	2.7	51
33	Characterization of Covalently Bound Antiâ€Human Immunoglobulins on Selfâ€Assembled Monolayer Modified Gold Electrodes. Advanced Biology, 2017, 1, e1700055.	3.0	51
34	Collinear double pulse laser ablation in water for the production of silver nanoparticles. Physical Chemistry Chemical Physics, 2013, 15, 20868.	2.8	48
35	Surfactant Curvilinear Diffusion in Giant Wormlike Micelles. Physical Review Letters, 1998, 81, 2823-2826.	7.8	47
36	Mushroom tyrosinase in polyelectrolyte multilayers as an optical biosensor for o-diphenols. Biosensors and Bioelectronics, 2010, 25, 2033-2037.	10.1	46

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37	Ullmann Homocoupling Catalysed by Gold Nanoparticles in Water and Ionic Liquid. Advanced Synthesis and Catalysis, 2012, 354, 2777-2788.	4.3	46
38	Colorimetric detection of sugars based on gold nanoparticle formation. Sensors and Actuators B: Chemical, 2012, 161, 366-371.	7.8	46
39	On the stability of gold nanoparticles synthesized by laser ablation in liquids. Journal of Colloid and Interface Science, 2017, 489, 47-56.	9.4	45
40	Light-Harvesting Complex 1 Stabilizes P+QB-Charge Separation in Reaction Centers ofRhodobacter sphaeroidesâ€. Biochemistry, 2004, 43, 14199-14210.	2.5	44
41	Impact of branching on the viscoelasticity of wormlike reverse micelles. Soft Matter, 2012, 8, 10941.	2.7	43
42	New Generation of Ultrasensitive Label-Free Optical Si Nanowire-Based Biosensors. ACS Photonics, 2018, 5, 471-479.	6.6	43
43	A novel approach for determining the droplet size distribution in emulsion systems by generating function. Journal of Chemical Physics, 1997, 107, 10756-10763.	3.0	40
44	Probing light-induced conformational transitions in bacterial photosynthetic reaction centers embedded in trehaloseâ€“water amorphous matrices. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1658, 50-57.	1.0	40
45	Characterization of the SolutolÂ® HS15/water phase diagram and the impact of the Î”9-tetrahydrocannabinol solubilization. Journal of Colloid and Interface Science, 2013, 390, 129-136.	9.4	39
46	Preparation of Nanosize Silica in Reverse Micelles:â€‰ Ethanol Produced during TEOS Hydrolysis Affects the Microemulsion Structure. Langmuir, 2007, 23, 10063-10068.	3.5	38
47	Molecular Diffusion in a Living Network. Langmuir, 2001, 17, 6822-6830.	3.5	37
48	Mesoscopic Structure in Mixtures of Water and 1-Butyl-3-methyl imidazolium tetrafluoborate: A Multinuclear NMR Study. Journal of Solution Chemistry, 2013, 42, 1111-1122.	1.2	34
49	Silicon nanowire luminescent sensor for cardiovascular risk in saliva. Journal of Materials Science: Materials in Electronics, 2020, 31, 10-17.	2.2	34
50	The role of the cosurfactant in the CTAB/water/n-pentanol/n-hexane system: Pentanol effect on the phase equilibria and mesophase structure. Physical Chemistry Chemical Physics, 2004, 6, 1423-1429.	2.8	33
51	Does the Schulman's Titration of Microemulsions Really Provide Meaningful Parameters?. Langmuir, 2004, 20, 7381-7384.	3.5	33
52	Binding of Ubiquinone to Photosynthetic Reaction Centers:Â Determination of Enthalpy and Entropy Changes in Reverse Micelles. Journal of Physical Chemistry B, 1997, 101, 7850-7857.	2.6	32
53	Chlorophyll a auto-aggregation in water rich region. Biophysical Chemistry, 1993, 47, 193-202.	2.8	31
54	Cumulant Analysis of Charge Recombination Kinetics in Bacterial Reaction Centers Reconstituted into Lipid Vesicles. Biophysical Journal, 2000, 79, 1171-1179.	0.5	31

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55	Aerosol-OT Forms Oil-in-Water Spherical Micelles in the Presence of the Ionic Liquid bmimBF₄. Journal of Physical Chemistry B, 2009, 113, 9216-9225.	2.6	31
56	Plain Poly(acrylic acid) Gated Organic Field-Effect Transistors on a Flexible Substrate. ACS Applied Materials & Interfaces, 2013, 5, 10819-10823.	8.0	31
57	Exceptionally stable silver nanoparticles synthesized by laser ablation in alcoholic organic solvent. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 148-158.	4.7	31
58	General methods for determining the droplet size distribution in emulsion systems. Journal of Chemical Physics, 1999, 110, 797-804.	3.0	30
59	Structure of SDS Micelles with Propylene Carbonate as Cosolvent:Â a PGSEâ^'NMR and SAXS Study. Journal of Physical Chemistry B, 2007, 111, 7184-7193.	2.6	30
60	Fluorescence spectroscopy of synthetic melanin in solution. Journal of Luminescence, 2009, 129, 44-49.	3.1	30
61	Water Diffusion in Polymer-like Reverse Micelles. 2. Composition Dependenceâ€. Langmuir, 1999, 15, 1679-1684.	3.5	29
62	Anomalous surfactant diffusion in a living polymer system. Physical Review E, 2006, 74, 031403.	2.1	29
63	Bioactive paper platform for colorimetric phenols detection. Sensors and Actuators B: Chemical, 2013, 186, 557-562.	7.8	29
64	Bio-sorbable, liquid electrolyte gated thin-film transistor based on a solution-processed zinc oxide layer. Faraday Discussions, 2014, 174, 383-398.	3.2	29
65	Application of gold nanoparticles embedded in the amyloids fibrils as enhancers in the laser induced breakdown spectroscopy for the metal quantification in microdroplets. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 155, 115-122.	2.9	29
66	Stabilization of charge separation and cardiolipin confinement in antennaâ€“reaction center complexes purified from Rhodobacter sphaeroides. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 1041-1056.	1.0	28
67	Nanostructured Fluids Based on Propylene Carbonate/Water Mixtures. Langmuir, 2005, 21, 6717-6725.	3.5	27
68	Quenching and Dequenching of Pyrene Fluorescence by Nucleotide Monophosphates in Cationic Micelles. Journal of Physical Chemistry B, 2008, 112, 7338-7344.	2.6	27
69	Quenching efficiency of pyrene fluorescence by nucleotide monophosphates in cationic micelles. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 202, 21-27.	3.9	27
70	Effect of detergent concentration on the thermal stability of a membrane protein: The case study of bacterial reaction center solubilized by N,N-dimethyldodecylamine-N-oxide. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 137-146.	2.3	27
71	Synthesis and biophysical evaluation of arylhydrazono-1H-2-indolinones as Î²-amyloid aggregation inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 275-284.	5.5	27
72	Organic bioelectronics probing conformational changes in surface confined proteins. Scientific Reports, 2016, 6, 28085.	3.3	27

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73	A hydrogel capsule as gate dielectric in flexible organic field-effect transistors. APL Materials, 2015, 3, .	5.1	26
74	â€œNakedâ€•gold nanoparticles as colorimetric reporters for biogenic amine detection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124903.	4.7	26
75	Liquid-Liquid Phase Separation of a Surfactant-Solubilized Membrane Protein. Physical Review Letters, 2003, 90, 208101.	7.8	25
76	Gelatin Microemulsion-Based Gels with the Cationic Surfactant Cetyltrimethylammonium Bromide:Â A Self-Diffusion and Conductivity Study. Langmuir, 2004, 20, 9449-9452.	3.5	25
77	Functionality of Photosynthetic Reaction Centers in Polyelectrolyte Multilayers:â€‰ Toward an Herbicide Biosensor. Journal of Physical Chemistry B, 2007, 111, 3304-3314.	2.6	25
78	The impact of alkanes on the structure of Triton X100 micelles. RSC Advances, 2016, 6, 825-836.	3.6	25
79	Electron transfer kinetics in photosynthetic reaction centers embedded in polyvinyl alcohol films. Bioelectrochemistry, 2004, 63, 73-77.	4.6	24
80	Slow dynamics of wormlike micelles. Soft Matter, 2010, 6, 1769.	2.7	24
81	Three immobilized enzymes acting in series in layer by layer assemblies: Exploiting the trehalase-glucose oxidase-horseradish peroxidase cascade reactions for the optical determination of trehalose. Sensors and Actuators B: Chemical, 2014, 202, 217-223.	7.8	24
82	Direct plasma synthesis of nano-capsules loaded with antibiotics. Polymer Chemistry, 2017, 8, 1746-1749.	3.9	24
83	Lauric Acid-Induced Formation of a Lyotropic Nematic Phase of Disk-Shaped Micelles. Journal of Physical Chemistry B, 2010, 114, 7250-7260.	2.6	23
84	Ordering fluctuations in a shear-banding wormlike micellar system. Physical Chemistry Chemical Physics, 2010, 12, 8856.	2.8	23
85	Enhanced stability of organic field-effect transistor biosensors bearing electrosynthesized ZnO nanoparticles. Sensors and Actuators B: Chemical, 2018, 274, 210-217.	7.8	23
86	Singleâ€Molecule Bioelectronic Labelâ€Free Assay of both Protein and Genomic Markers of Pancreatic Mucinous Cystsâ€™ in Whole Blood Serum. Advanced Electronic Materials, 2021, 7, 2100304.	5.1	23
87	Fluorescence properties of natural eumelanin biopolymer. Journal of Luminescence, 2011, 131, 1584-1588.	3.1	22
88	Ion beam sputtering deposition of silver nanoparticles and TiOx/ZnO nanocomposites for use in surface enhanced vibrational spectroscopy (SERS and SEIRAS). Mikrochimica Acta, 2018, 185, 153.	5.0	22
89	Relaxation of Shear-Aligned Wormlike Micelles. Journal of Physical Chemistry B, 2002, 106, 2426-2428.	2.6	21
90	The role of microemulsions in lipaseâ€catalyzed hydrolysis reactions. Biotechnology Progress, 2014, 30, 360-366.	2.6	21

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91	General Approach to the Immobilization of Glycoenzyme Chains Inside Calcium Alginate Beads for Bioassay. Analytical Chemistry, 2015, 87, 11337-11344.	6.5	21
92	Measurement of the zeta-potential of solid surfaces through Laser Doppler Electrophoresis of colloid tracer in a dip-cell: Survey of the effect of ionic strength, pH, tracer chemical nature and size. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 576, 82-90.	4.7	21
93	The cooling process effect on the bilayer phase state of the CTAC/cetearyl alcohol/water surfactant gel. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 597, 124821.	4.7	21
94	Aerosol-OT in water forms fully-branched cylindrical direct micelles in the presence of the ionic liquid 1-butyl-3-methylimidazolium bromide. Physical Chemistry Chemical Physics, 2011, 13, 9238.	2.8	20
95	Electronic Transduction of Proton Translocations in Nanoassembled Lamellae of Bacteriorhodopsin. ACS Nano, 2014, 8, 7834-7845.	14.6	20
96	Counting of peripheral extracellular vesicles in Multiple Sclerosis patients by an improved nanoplasmonic assay and dynamic light scattering. Colloids and Surfaces B: Biointerfaces, 2018, 168, 134-142.	5.0	20
97	Wormlike reverse micelles in lecithin/bile salt/water mixtures in oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 411-419.	4.7	19
98	First moves towards photoautotrophic synthetic cells: In vitro study of photosynthetic reaction centre and cytochrome bc 1 complex interactions. Biophysical Chemistry, 2017, 229, 46-56.	2.8	19
99	Emulsions:Â A Time-Saving Evaluation of the Droplets' Polydispersity and of the Dispersed Phase Self-Diffusion Coefficientâ€. Langmuir, 1999, 15, 6775-6780.	3.5	18
100	Influence of Cardiolipin on the Functionality of the QASite of the Photosynthetic Bacterial Reaction Center. Journal of Physical Chemistry B, 2005, 109, 21187-21196.	2.6	18
101	Effect of the gate metal work function on water-gated ZnO thin-film transistor performance. Journal Physics D: Applied Physics, 2016, 49, 275101.	2.8	18
102	Water-in-oil macroemulsions sustain long-term viability of microbial cells in organic solvents. Biotechnology and Bioengineering, 2003, 81, 323-328.	3.3	17
103	Quantification of Specific Anion Binding to Non-Ionic Triton X-100 Micelles. Langmuir, 2012, 28, 1283-1289.	3.5	17
104	Volatile general anesthetic sensing with organic field-effect transistors integrating phospholipid membranes. Biosensors and Bioelectronics, 2013, 40, 303-307.	10.1	17
105	Bioremoval of marker pen inks by exploiting lipase hydrolysis. Progress in Organic Coatings, 2017, 110, 162-171.	3.9	17
106	Binding isotherms of surfactants used in detergent formulations to bovine serum albumin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 598, 124801.	4.7	17
107	The self-association equilibria of doxorubicin at high concentration and ionic strength characterized by fluorescence spectroscopy and molecular dynamics simulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 517-522.	4.7	16
108	Water Activity Regulates the QAâ^' to QB Electron Transfer in Photosynthetic Reaction Centers from Rhodobacter sphaeroides. Journal of the American Chemical Society, 2008, 130, 9353-9363.	13.7	15

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109	Diffusion NMR studies of complex liquid formulations. Current Opinion in Colloid and Interface Science, 2020, 48, 109-120.	7.4	15
110	Effect of heterogeneity in the distribution of ligands and proteins among disconnected particles: the binding of ubiquinone to the bacterial reaction center. Physical Chemistry Chemical Physics, 2002, 4, 3071-3077.	2.8	14
111	Multiple Scattering X-Ray Absorption Studies of Zn2+ Binding Sites in Bacterial Photosynthetic Reaction Centers. Biophysical Journal, 2005, 88, 2038-2046.	0.5	14
112	Structural and Morphological Study of a Poly(3-hexylthiophene)/Streptavidin Multilayer Structure Serving as Active Layer in Ultra-Sensitive OFET Biosensors. Journal of Physical Chemistry C, 2014, 118, 15853-15862.	3.1	14
113	Effect of the Surface Chemical Composition and of Added Metal Cation Concentration on the Stability of Metal Nanoparticles Synthesized by Pulsed Laser Ablation in Water. Applied Sciences (Switzerland), 2020, 10, 4169.	2.5	14
114	Deuterium NMR Study of Slow Relaxation Dynamics in a Polymer-like Micelles System after Flow-Induced Orientation. Journal of Physical Chemistry B, 2003, 107, 10325-10328.	2.6	13
115	Spontaneous emulsification of detergent solubilized reaction center: protein conformational changes precede droplet growth. Physical Chemistry Chemical Physics, 2004, 6, 1439-1445.	2.8	13
116	Low-voltage solid electrolyte-gated OFETs for gas sensing applications. Microelectronics Journal, 2014, 45, 1679-1683.	2.0	13
117	ZnO Nanostructures with Antibacterial Properties Prepared by a Green Electrochemical-Thermal Approach. Nanomaterials, 2020, 10, 473.	4.1	13
118	Binding of Ubiquinone to Photosynthetic Reaction Centers. 2. Determination of Enthalpy and Entropy Changes for the Binding to the QASite in Reverse Micelles. Journal of Physical Chemistry B, 1998, 102, 9168-9173.	2.6	12
119	Incorporation of the bacterial reaction centre into dendrimersomes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 413, 38-43.	4.7	12
120	Polymer-photosynthetic protein multilayer architectures for herbicide optical detection. Sensors and Actuators B: Chemical, 2012, 163, 69-75.	7.8	12
121	An analytical model for bio-electronic organic field-effect transistor sensors. Applied Physics Letters, 2013, 103, .	3.3	12
122	Investigation on the influence of (Z)-3-(2-(3-chlorophenyl)hydrazono)-5,6-dihydroxyindolin-2-one (PT2) on Î²-amyloid(1â€“40) aggregation and toxicity. Archives of Biochemistry and Biophysics, 2014, 560, 73-82.	3.0	12
123	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie - International Edition, 2021, 60, 23849-23857.	13.8	12
124	Sequence-dependent DNA curvature: conformational signal present in the main regulatory region of the rat mitochondrial genome. Nucleic Acids Research, 1989, 17, 8803-8819.	14.5	11
125	A New Strategy for Evaluating the Self-Diffusion Coefficient in Restricted Diffusion:â€‰ Case of Polydisperse Emulsions with Small Mean Radii. Journal of Physical Chemistry B, 2000, 104, 786-790.	2.6	11
126	Resolving complex mixtures by means of pulsed gradient spin-echo NMR experiments. Physical Chemistry Chemical Physics, 2002, 4, 3040-3047.	2.8	11

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127	A Stereochemically Driven Supramolecular Polymerisation. Chemistry - A European Journal, 2018, 24, 8195-8204.	3.3	11
128	Towards the comprehension of the cosurfactant role: a NMR self-diffusion and conductivity study of a four-components water-in-oil microemulsion. Progress in Colloid and Polymer Science, 1997, 105, 281-289.	0.5	11
129	Structural investigation of lecithin/cyclohexane solutions. , 1999, , 1-4.		10
130	An HLD framework for cationic ammonium surfactants. Jcis Open, 2021, 4, 100033.	3.2	10
131	Oxidation-proof microemulsions: Microstructure and reactivity in the presence of dioxiranes. Journal of Colloid and Interface Science, 2013, 408, 138-144.	9.4	9
132	Gold nanoparticles obtained by ns-pulsed laser ablation in liquids (ns-PLAL) are arranged in the form of fractal clusters. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	9
133	Charge recombination kinetics of photosynthetic reaction centers. Bioelectrochemistry, 1995, 38, 25-33.	1.0	8
134	Colloidal aspects of photosynthetic membrane proteins. Current Opinion in Colloid and Interface Science, 2006, 11, 65-73.	7.4	8
135	Bio-functionalization of ZnO water gated thin-film transistors. , 2015, , .		8
136	Direct Exposure of Dry Enzymes to Atmospheric Pressure Non-Equilibrium Plasmas: The Case of Tyrosinase. Materials, 2020, 13, 2181.	2.9	8
137	Peripherical thioester functionalization induces J-aggregation in bithiophene-DPP films and nanoparticles. RSC Advances, 2021, 11, 11536-11540.	3.6	8
138	Understanding the self-assembly of the polymeric drug solubilizer SoluplusÂ®. Journal of Colloid and Interface Science, 2022, 611, 224-234.	9.4	8
139	Atmospheric Pressure Cold Plasma: A Friendly Environment for Dry Enzymes. Advanced Materials Interfaces, 2018, 5, 1801373.	3.7	7
140	Combined Use of Streaming Potential and UV/Vis To Assess Surface Modification of Fabrics via Soil Release Polymers. Industrial & Engineering Chemistry Research, 2019, 58, 14839-14847.	3.7	7
141	Surface Plasmon Resonance Assay for Labelâ€Free and Selective Detection of Xylella Fastidiosa. Advanced NanoBiomed Research, 2021, 1, 2100043.	3.6	7
142	Comparison between photoemitting and colloidal properties of nanodiamond particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 493-500.	4.7	6
143	Correlating Ionic Liquid Gated Organic Field-Effect Transistors Electronic Performances to Electrolytes Size and Pairing. Science of Advanced Materials, 2013, 5, 1922-1929.	0.7	6
144	Virucidal activity in vitro of mouthwashes against a feline coronavirus type II. Oral Diseases, 2022, 28, 2492-2499.	3.0	6

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145	Solubilization of ribosomes in reverse micelles. Biochemical and Biophysical Research Communications, 1992, 186, 1546-1552.	2.1	5
146	Photochemical activity of the bacterial reaction center in polymer-like phospholipids reverse micelles. , 1996, , 19-25.		5
147	Interactions of photosynthetic reaction center with 2,3-dimethoxy-5-methyl-1,4-benzoquinone in reverse micelles. Physical Chemistry Chemical Physics, 2000, 2, 4624-4629.	2.8	5
148	Structure and dynamics of polymer-like reverse micelles. , 2000, , 37-41.		5
149	Restricted diffusion: An effective tool to investigate food emulsions. , 2002, , 23-27.		5
150	Effect of ionic strength on intra-protein electron transfer reactions: The case study of charge recombination within the bacterial reaction center. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1541-1549.	1.0	5
151	Surfactant Interactions with Protein-Coated Surfaces: Comparison between Colloidal and Macroscopically Flat Surfaces. Biomimetics, 2020, 5, 31.	3.3	5
152	A Novel Silicon Platform for Selective Isolation, Quantification, and Molecular Analysis of Small Extracellular Vesicles. International Journal of Nanomedicine, 2021, Volume 16, 5153-5165.	6.7	5
153	Studies of cationic and nonionic surfactant mixed microemulsions by small-angle neutron scattering and pulsed field gradient NMR. , 2000, , 25-30.		5
154	Size distribution in emulsions. , 1999, , 86-88.		5
155	Polymer-like lecithin reverse micelles: a multicomponent self-diffusion study. Progress in Colloid and Polymer Science, 1997, 105, 184-191.	0.5	5
156	NMR study of AOT microemulsion with acetone in the presence of Chlorophyll a: Distribution of acetone and role of chlorophyll. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1993, 72, 285-293.	4.7	4
157	Membrane proteins embedded in supported lipid bilayers employed in field effect electronic devices. , 2009, , .		4
158	Morphology of synthetic DOPA-eumelanin deposited on glass and mica substrates: An atomic force microscopy investigation. Micron, 2014, 64, 28-33.	2.2	4
159	Solvent-gated thin-film-transistors. Physical Chemistry Chemical Physics, 2017, 19, 20573-20581.	2.8	4
160	Gold Nanoparticles Synthesis Using Stainless Steel as Solid Reductant: A Critical Overview. Nanomaterials, 2020, 10, 622.	4.1	4
161	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie, 0, , .	2.0	4
162	A selective cellulose/hemicellulose green solvents extraction from buckwheat chaff. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100094.	2.6	4

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163	NMR studies of food emulsions: the dispersed-phase self-diffusion coefficient calculated by the least variance method. , 2000, , 161-165.		4
164	Green Synthesis and Characterization of Antimicrobial Synergistic AgCl/BAC Nanocolloids. ACS Applied Bio Materials, 2022, 5, 3230-3240.	4.6	4
165	Effects of the measuring light on the photochemistry of the bacterial photosynthetic reaction center from Rhodobacter sphaeroides. Photosynthesis Research, 2011, 108, 133-142.	2.9	3
166	Sensing properties of MWCNTs layers electrodecorated with metal nanoparticles for detection of aromatic hydrocarbon compounds. MRS Advances, 2017, 2, 1009-1014.	0.9	3
167	Reaction Center-Phospholipid Reverse Micelles: Kinetics of Charge Recombination. , 1995, , 843-846.		3
168	Diffusion, aggregation and electrokinetics. , 2022, , 201-225.		3
169	Charge recombination kinetics of photosynthetic reaction centres in phospholipid organized systems. Journal of Chemical Sciences, 1998, 110, 251-264.	1.5	3
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