Maria Carmo Pereira

List of Publications by Citations

148 papers	4,344 citations	38 h-index	57 g-index
164 ext. papers	5,088 ext. citations	5.5 avg, IF	5.91 L-index

#	Paper	IF	Citations
148	Multiple linear regression and artificial neural networks based on principal components to predict ozone concentrations. *Environmental Modelling and Software*, **2007**, 22, 97-103	5.2	299
147	Resveratrol and Grape Extract-loaded Solid Lipid Nanoparticles for the Treatment of Alzheimer's Disease. *Molecules*, **2017**, 22,	4.8	144
146	Cellular uptake of PLGA nanoparticles targeted with anti-amyloid and anti-transferrin receptor antibodies for Alzheimer's disease treatment. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 8-13	6	113
145	Children environmental exposure to particulate matter and polycyclic aromatic hydrocarbons and biomonitoring in school environments: A review on indoor and outdoor exposure levels, major sources and health impacts. *Environment International*, **2019**, 124, 180-204	12.9	110
144	Management of air quality monitoring using principal component and cluster analysis—Part I: SO2 and PM10. *Atmospheric Environment*, **2008**, 42, 1249-1260	5.3	105
143	Polycyclic aromatic hydrocarbons in gas and particulate phases of indoor environments influenced by tobacco smoke: Levels, phase distributions, and health risks. *Atmospheric Environment*, **2011**, 45, 1799-1808	5.3	96
142	Influence of fluorinated and hydrogenated nanoparticles on the structure and fibrillogenesis of amyloid beta-peptide. *Biophysical Chemistry*, **2008**, 137, 35-42	3.5	94
141	Physiological changes induced by the quaternary ammonium compound benzyldimethyldodecylammonium chloride on Pseudomonas fluorescens. *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 1036-43	5.1	92
140	Epigallocatechin gallate-loaded polysaccharide nanoparticles for prostate cancer chemoprevention. *Nanomedicine*, **2011**, 6, 79-87	5.6	87
139	Natural Compounds for Alzheimer's Disease Therapy: A Systematic Review of Preclinical and Clinical Studies. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	85
138	Impact of vehicular traffic emissions on particulate-bound PAHs: Levels and associated health risks. *Atmospheric Research*, **2013**, 127, 141-147	5.4	83
137	Alzheimer's disease: Development of a sensitive label-free electrochemical immunosensor for detection of amyloid beta peptide. *Sensors and Actuators B: Chemical*, **2017**, 239, 157-165	8.5	75
136	Receptor-mediated PLGA nanoparticles for glioblastoma multiforme treatment. *International Journal of Pharmaceutics*, **2018**, 545, 84-92	6.5	71
135	PAH air pollution at a Portuguese urban area: carcinogenic risks and sources identification. *Environmental Science and Pollution Research*, **2013**, 20, 3932-45	5.1	71
134	Air pollution from traffic emissions in Oporto, Portugal: Health and environmental implications. *Microchemical Journal*, **2011**, 99, 51-59	4.8	70
133	Management of air quality monitoring using principal component and cluster analysis—Part II: CO, NO2 and O3. *Atmospheric Environment*, **2008**, 42, 1261-1274	5.3	70
132	Preservation of catechin antioxidant properties loaded in carbohydrate nanoparticles. *Carbohydrate Polymers*, **2011**, 86, 147-153	10.3	67

131	Targeting nanoparticles across the blood-brain barrier with monoclonal antibodies. *Nanomedicine*, **2014**, 9, 709-22	5.6	64
130	Resveratrol Brain Delivery for Neurological Disorders Prevention and Treatment. *Frontiers in Pharmacology*, **2018**, 9, 1261	5.6	58
129	Influence of atmospheric ozone, PM10 and meteorological factors on the concentration of airborne pollen and fungal spores. *Atmospheric Environment*, **2008**, 42, 7452-7464	5.3	57
128	Influence of tobacco smoke on the elemental composition of indoor particles of different sizes. *Atmospheric Environment*, **2009**, 43, 486-493	5.3	55
127	Selection and validation of parameters in multiple linear and principal component regressions. *Environmental Modelling and Software*, **2008**, 23, 50-55	5.2	53
126	Assessment of ultrafine particles in Portuguese preschools: levels and exposure doses. *Indoor Air*, **2014**, 24, 618-28	5.4	51
125	Influence of traffic emissions on the composition of atmospheric particles of different sizes Part 1: concentrations and elemental characterization. *Journal of Atmospheric Chemistry*, **2007**, 58, 55-68	3.2	50
124	Polycyclic aromatic hydrocarbons at fire stations: firefighters' exposure monitoring and biomonitoring, and assessment of the contribution to total internal dose. *Journal of Hazardous Materials*, **2017**, 323, 184-194	12.8	48
123	Adsorption and diffusion of plasma proteins on hydrophilic and hydrophobic surfaces: effect of trifluoroethanol on protein structure. *Langmuir*, **2009**, 25, 9879-86	4	47
122	Analysis of polycyclic aromatic hydrocarbons in atmospheric particulate samples by microwave-assisted extraction and liquid chromatography. *Journal of Separation Science*, **2009**, 32, 501-10	3.4	46
121	Transferrin surface-modified PLGA nanoparticles-mediated delivery of a proteasome inhibitor to human pancreatic cancer cells. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 1476-84	5.4	45
120	Evaluation of nickel toxicity on liver, spleen, and kidney of mice after administration of high-dose metal ion. *Journal of Biomedical Materials Research Part B*, **1998**, 40, 40-7		45
119	Dual ligand immunoliposomes for drug delivery to the brain. *Colloids and Surfaces B: Biointerfaces*, **2015**, 134, 213-9	6	41
118	Influence of traffic emissions on the composition of atmospheric particles of different sizes Part 2: SEM EDS characterization. *Journal of Atmospheric Chemistry*, **2008**, 60, 221-236	3.2	41
117	Assessment of indoor air exposure at residential homes: Inhalation dose and lung deposition of PM, PM and ultrafine particles among newborn children and their mothers. *Science of the Total Environment*, **2020**, 717, 137293	10.2	40
116	Prediction of ozone concentrations in Oporto city with statistical approaches. *Chemosphere*, **2006**, 64, 1141-9	8.4	40
115	Design and biological activity of beta-sheet breaker peptide conjugates. *Biochemical and Biophysical Research Communications*, **2009**, 380, 397-401	3.4	39
114	Controlling amyloid-beta peptide(1-42) oligomerization and toxicity by fluorinated nanoparticles. *ChemBioChem*, **2010**, 11, 1905-13	3.8	39

113	Assessment of polycyclic aromatic hydrocarbons in indoor and outdoor air of preschool environments (3-5 years old children). *Environmental Pollution*, **2016**, 208, 382-94	9.3	38
112	Lipid/particle assemblies based on maltodextrin-gum arabic core as bio-carriers. *Colloids and Surfaces B: Biointerfaces*, **2010**, 76, 449-55	6	38
111	Contribution of anthropogenic pollutants to the increase of tropospheric ozone levels in the Oporto Metropolitan Area, Portugal since the 19th century. *Environmental Pollution*, **2006**, 140, 516-24	9.3	38
110	Influence of traffic emissions on the carcinogenic polycyclic aromatic hydrocarbons in outdoor breathable particles. *Journal of the Air and Waste Management Association*, **2010**, 60, 393-401	2.4	37
109	Influence of tobacco smoke on carcinogenic PAH composition in indoor PM10 and PM2.5. *Atmospheric Environment*, **2009**, 43, 6376-6382	5.3	37
108	Adsorption of amyloid beta-peptide at polymer surfaces: a neutron reflectivity study. *ChemPhysChem*, **2005**, 6, 2527-34	3.2	37
107	Fluorinated beta-sheet breaker peptides. *Journal of Materials Chemistry B*, **2014**, 2, 2259-2264	7.3	36
106	Polycyclic aromatic hydrocarbons in primary school environments: Levels and potential risks. *Science of the Total Environment*, **2017**, 575, 1156-1167	10.2	36
105	Assessment of ultrafine particles in primary schools: Emphasis on different indoor microenvironments. *Environmental Pollution*, **2019**, 246, 885-895	9.3	32
104	PLGA nanoparticles as a platform for vitamin D-based cancer therapy. *Beilstein Journal of Nanotechnology*, **2015**, 6, 1306-18	3	32
103	Identification of redundant air quality measurements through the use of principal component analysis. *Atmospheric Environment*, **2009**, 43, 3837-3842	5.3	32
102	Nanomaterials towards Biosensing of Alzheimer's Disease Biomarkers. *Nanomaterials*, **2019**, 9,	5.4	31
101	Potentialities of quantile regression to predict ozone concentrations. *Environmetrics*, **2009**, 20, 147-158	1.3	30
100	Randomization of amyloid-□peptide(1-42) conformation by sulfonated and sulfated nanoparticles reduces aggregation and cytotoxicity. *Macromolecular Bioscience*, **2010**, 10, 1152-63	5.5	29
99	Preparation and Characterization of Polymeric Nanoparticles: An Interdisciplinary Experiment. *Journal of Chemical Education*, **2016**, 93, 1446-1451	2.4	29
98	Levels and risks of particulate-bound PAHs in indoor air influenced by tobacco smoke: a field measurement. *Environmental Science and Pollution Research*, **2014**, 21, 4492-501	5.1	28
97	Nanostructure of polysaccharide complexes. *Journal of Colloid and Interface Science*, **2011**, 363, 450-5	9.3	28
96	Firefighters' exposure biomonitoring: Impact of firefighting activities on levels of urinary monohydroxyl metabolites. *International Journal of Hygiene and Environmental Health*, **2016**, 219, 857-866	6.9	28

95	Air pollution: A public health approach for Portugal. *Science of the Total Environment*, **2018**, 643, 1041-1053	15.2	28
94	Assessment of exposure to polycyclic aromatic hydrocarbons in preschool children: Levels and impact of preschool indoor air on excretion of main urinary monohydroxyl metabolites. *Journal of Hazardous Materials*, **2017**, 322, 357-369	12.8	26
93	Structural characterization of functionalized gold nanoparticles for drug delivery in cancer therapy: a NMR based approach. *Physical Chemistry Chemical Physics*, **2015**, 17, 18971-9	3.6	25
92	Indoor particulate pollution in fitness centres with emphasis on ultrafine particles. *Environmental Pollution*, **2018**, 233, 180-193	9.3	25
91	Gold nanoparticle delivery-enhanced proteasome inhibitor effect in adenocarcinoma cells. *Expert Opinion on Drug Delivery*, **2013**, 10, 1345-52	8	25
90	Functionalized gold nanoparticles improve afatinib delivery into cancer cells. *Expert Opinion on Drug Delivery*, **2016**, 13, 133-41	8	24
89	Nanotechnology to improve the Alzheimer's disease therapy with natural compounds. *Drug Delivery and Translational Research*, **2020**, 10, 380-402	6.2	24
88	Biophysical interaction of temozolomide and its active metabolite with biomembrane models: The relevance of drug-membrane interaction for Glioblastoma Multiforme therapy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2019**, 136, 156-163	5.7	23
87	Elemental characterization of indoor breathable particles at a Portuguese urban hospital. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2012**, 75, 909-19	3.2	23
86	NMR structural analysis of epigallocatechin gallate loaded polysaccharide nanoparticles. *Carbohydrate Polymers*, **2010**, 82, 861-866	10.3	23
85	Supramolecular nanoscale assemblies for cancer diagnosis and therapy. *Journal of Controlled Release*, **2015**, 213, 152-167	11.7	22
84	Air quality improvements using European environment policies: a case study of SO2 in a coastal region in Portugal. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2007**, 70, 347-51	3.2	22
83	Biosensor for direct bioelectrocatalysis detection of nitric oxide using nitric oxide reductase incorporated in carboxylated single-walled carbon nanotubes/lipidic 3 bilayer nanocomposite. *Bioelectrochemistry*, **2019**, 127, 76-86	5.6	21
82	Firefighters exposure to fire emissions: Impact on levels of biomarkers of exposure to polycyclic aromatic hydrocarbons and genotoxic/oxidative-effects. *Journal of Hazardous Materials*, **2020**, 383, 121179	12.8	21
81	Interaction of natural compounds with biomembrane models: A biophysical approach for the Alzheimer's disease therapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 180, 83-92	6	20
80	Assessment of air quality in preschool environments (3-5 years old children) with emphasis on elemental composition of PM10 and PM2.5. *Environmental Pollution*, **2016**, 214, 430-439	9.3	20
79	Adsorptive stripping voltammetric measurements of chromium accumulation in mice organs using mercury film microelectrodes. *Electroanalysis*, **1997**, 9, 941-944	3	20
78	Occupational exposure of firefighters to polycyclic aromatic hydrocarbons in non-fire work environments. *Science of the Total Environment*, **2017**, 592, 277-287	10.2	19

77	Polycyclic aromatic hydrocarbons: levels and phase distributions in preschool microenvironment. *Indoor Air*, **2015**, 25, 557-68	5.4	19
76	Peptide-surfactant interactions: consequences for the amyloid-beta structure. *Biochemical and Biophysical Research Communications*, **2012**, 420, 136-40	3.4	19
75	Identification of tobacco smoke components in indoor breathable particles by SEM□EDS. *Atmospheric Environment*, **2011**, 45, 863-872	5.3	19
74	Relevant aspects of air quality in Oporto (Portugal): PM10 and O3. *Environmental Monitoring and Assessment*, **2005**, 101, 203-21	3.1	19
73	Histological effects of iron accumulation on mice liver and spleen after administration of a metallic solution. *Biomaterials*, **1999**, 20, 2193-8	15.6	19
72	Biosensors on the road to early diagnostic and surveillance of Alzheimer's disease. *Talanta*, **2020**, 211, 120700	6.2	19
71	Factorial Design as a Tool for the Optimization of PLGA Nanoparticles for the Co-Delivery of Temozolomide and O6-Benzylguanine. *Pharmaceutics*, **2019**, 11,	6.4	17
70	Trace metals in size-fractionated particulate matter in a Portuguese hospital: exposure risks assessment and comparisons with other countries. *Environmental Science and Pollution Research*, **2014**, 21, 3604-20	5.1	17
69	Charged surfactants induce a non-fibrillar aggregation pathway of amyloid-beta peptide. *Journal of Peptide Science*, **2013**, 19, 581-7	2.1	17
68	Ozone exposure and its influence on the worsening of childhood asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 1046-55	9.3	17
67	Assessment of indoor air exposure among newborns and their mothers: Levels and sources of PM, PM and ultrafine particles at 65 home environments. *Environmental Pollution*, **2020**, 264, 114746	9.3	17
66	In vivo Bio-Distribution and Toxicity Evaluation of Polymeric and Lipid-Based Nanoparticles: A Potential Approach for Chronic Diseases Treatment. *International Journal of Nanomedicine*, **2020**, 15, 8609-8621	7.3	17
65	Ultrafine particles: Levels in ambient air during outdoor sport activities. *Environmental Pollution*, **2020**, 258, 113648	9.3	15
64	Children exposure to indoor ultrafine particles in urban and rural school environments. *Environmental Science and Pollution Research*, **2016**, 23, 13877-85	5.1	15
63	Individual and cumulative impacts of fire emissions and tobacco consumption on wildland firefighters' total exposure to polycyclic aromatic hydrocarbons. *Journal of Hazardous Materials*, **2017**, 334, 10-20	12.8	14
62	Exposure of Children to Ultrafine Particles in Primary Schools in Portugal. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 904-14	3.2	14
61	Environmental Particulate Matter Levels during 2017 Large Forest Fires and Megafires in the Center Region of Portugal: A Public Health Concern?. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	14
60	Indoor air quality in health clubs: Impact of occupancy and type of performed activities on exposure levels. *Journal of Hazardous Materials*, **2018**, 359, 56-66	12.8	14

59	The effect of a fluorinated cholesterol derivative on the stability and physical properties of cationic DNA vectors. *Soft Matter*, **2013**, 9, 401-409	3.6	14
58	Spirometric tests to assess the prevalence of childhood asthma at Portuguese rural areas: influence of exposure to high ozone levels. *Environment International*, **2011**, 37, 474-8	12.9	14
57	Children's Indoor Exposures to (Ultra)Fine Particles in an Urban Area: Comparison Between School and Home Environments. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 886-96	3.2	13
56	Biofilm Control With New Microparticles With Immobilized Biocide. *Heat Transfer Engineering*, **2013** , 34, 712-718	1.7	13
55	European Directives for Air Quality: Analysis of the New Limits in Comparison with Asthmatic Symptoms in Children Living in the Oporto Metropolitan Area, Portugal. *Human and Ecological Risk Assessment (HERA)*, **2005**, 11, 607-616	4.9	13
54	Enhancing the efficiency of bortezomib conjugated to pegylated gold nanoparticles: an in vitro study on human pancreatic cancer cells and adenocarcinoma human lung alveolar basal epithelial cells. *Expert Opinion on Drug Delivery*, **2016**, 13, 1075-81	8	13
53	Immunoliposomes doubly targeted to transferrin receptor and to □synuclein. *Future Science OA*, **2015**, 1, FSO71	2.7	12
52	Enhancing proteasome-Inhibitor effect by functionalized gold nanoparticles. *Journal of Biomedical Nanotechnology*, **2014**, 10, 717-23	4	12
51	Chitosan conjugates for DNA delivery. *Physical Chemistry Chemical Physics*, **2013**, 15, 11893-9	3.6	12
50	Langmuir monolayers of monocationic lipid mixed with cholesterol or fluorocholesterol: DNA adsorption studies. *Langmuir*, **2013**, 29, 1920-5	4	12
49	Is the viscoelasticity of Alzheimer's Abeta42 peptide oligomers a general property of protein oligomers related to their toxicity?. *Langmuir*, **2010**, 26, 12060-7	4	11
48	The conformation of B18 peptide in the presence of fluorinated and alkylated nanoparticles. *ChemBioChem*, **2005**, 6, 280-3	3.8	11
47	Green tea extract-biomembrane interaction study: The role of its two major components, (-)-epigallocatechin gallate and (-)-epigallocatechin. *Biochimica Et Biophysica Acta - Biomembranes*, **2021**, 1863, 183476	3.8	11
46	Forest fires in Northern region of Portugal: Impact on PM levels. *Atmospheric Research*, **2013**, 127, 148-153	3.4	10
45	Polymeric Nanoparticles-Loaded Hydrogels for Biomedical Applications: A Systematic Review on In Vivo Findings.. *Polymers*, **2022**, 14,	4.5	10
44	Wood smoke exposure of Portuguese wildland firefighters: DNA and oxidative damage evaluation. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 596-604	3.2	9
43	Indoor air quality in preschools (3- to 5-year-old children) in the Northeast of Portugal during spring-summer season: pollutants and comfort parameters. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 740-755	3.2	9
42	Doxorubicin and Varlitinib Delivery by Functionalized Gold Nanoparticles Against Human Pancreatic Adenocarcinoma. *Pharmaceutics*, **2019**, 11,	6.4	9

41	Molecular interactions between Vitamin B12 and membrane models: A biophysical study for new insights into the bioavailability of Vitamin. *Colloids and Surfaces B: Biointerfaces*, **2020**, 194, 111187	6	9
40	Prediction of tropospheric ozone concentrations: Application of a methodology based on the Darwin Theory of Evolution. *Expert Systems With Applications*, **2011**, 38, 1903-1908	7.8	9
39	Adsorption of the fusogenic peptide B18 onto solid surfaces: insights into the mechanism of peptide assembly. *Langmuir*, **2007**, 23, 5022-8	4	9
38	Liposomes as biomembrane models: Biophysical techniques for drug-membrane interaction studies. *Journal of Molecular Liquids*, **2021**, 334, 116141	6	9
37	Gold Nanoparticles for Targeting Varlitinib to Human Pancreatic Cancer Cells. *Pharmaceutics*, **2018**, 10,	6.4	8
36	(Ultra) Fine particle concentrations and exposure in different indoor and outdoor microenvironments during physical exercising. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2019**, 82, 591-602	3.2	8
35	Comparison of several linear statistical models to predict tropospheric ozone concentrations. *Journal of Statistical Computation and Simulation*, **2012**, 82, 183-192	0.9	8
34	Evolutionary procedure based model to predict ground level ozone concentrations. *Atmospheric Pollution Research*, **2010**, 1, 215-219	4.5	8
33	The conformation of fusogenic B18 peptide in surfactant solutions. *Journal of Peptide Science*, **2008** , 14, 436-41	2.1	8
32	Transferrin Receptor-Targeted Nanocarriers: Overcoming Barriers to Treat Glioblastoma.. *Pharmaceutics*, **2022**, 14,	6.4	8
31	Exposure to polycyclic aromatic hydrocarbons and assessment of potential risks in preschool children. *Environmental Science and Pollution Research*, **2015**, 22, 13892-902	5.1	7
30	Polycyclic aromatic hydrocarbons (PAH) in Portuguese educational settings: a comparison between preschools and elementary schools. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 630-640	3.2	7
29	PLGA nanoparticles for calcitriol delivery **2015**,		7
28	Individual study of chromium in the stainless steel implants degradation: an experimental study in mice. *BioMetals*, **1999**, 12, 275-80	3.4	7
27	Transferrin-modified nanoparticles for targeted delivery of Asiatic acid to glioblastoma cells.. *Life Sciences*, **2022**, 120435	6.8	7
26	Synthesis and study of the complex formation of a cationic alkyl-chain bola amino alcohol with DNA: in vitro transfection efficiency. *Colloid and Polymer Science*, **2015**, 293, 3167-3175	2.4	6
25	Nanocarriers for the delivery of temozolomide in the treatment of glioblastoma **2018**, 687-722		6
24	Carbohydrate particles as protein carriers and scaffolds: physico-chemical characterization and collagen stability. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	6

23	Prediction of PM10 concentrations through multi-gene genetic programming. *Atmospheric Pollution Research*, **2010**, 1, 305-310	4.5	6
22	Nickel quantification in mice organs by adsorptive cathodic stripping voltammetry using mercury microelectrodes. *Electroanalysis*, **1997**, 9, 150-154	3	6
21	Lipid Nanoparticles Containing Mixtures of Antioxidants to Improve Skin Care and Cancer Prevention.. *Pharmaceutics*, **2021**, 13,	6.4	6
20	The Potential Effect of Fluorinated Compounds in the Treatment of Alzheimer's Disease. *Current Pharmaceutical Design*, **2015**, 21, 5725-35	3.3	6
19	Fluorinated Molecules and Nanotechnology: Future 'Avengers' against the Alzheimer's Disease?. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
18	Oleogel-Based Systems for the Delivery of Bioactive Compounds in Foods. *Gels*, **2021**, 7,	4.2	5
17	Interaction studies of amyloid beta-peptide with the natural compound resveratrol **2015**,		4
16	Ultrafine particles in ambient air of an urban area: dose implications for elderly. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2014**, 77, 827-36	3.2	4
15	Polysaccharide-Based Nanoparticles for Cancer Therapy. *Journal of Nanopharmaceutics and Drug Delivery*, **2013**, 1, 335-354		4
14	Poly(lactic-co-glycolic acid) Nanoparticles for the Encapsulation and Gastrointestinal Release of Vitamin B9 and Vitamin B12. *ACS Applied Nano Materials*, **2021**, 4, 6881-6892	5.6	4
13	Vitamin B12 Inhibits A-Fibrillation and Disaggregates Preformed Fibrils in the Presence of Synthetic Neuronal Membranes. *ACS Chemical Neuroscience*, **2021**, 12, 2491-2502	5.7	4
12	The biophysical interaction of ferulic acid with liposomes as biological membrane model: The effect of the lipid bilayer composition. *Journal of Molecular Liquids*, **2021**, 324, 114689	6	4
11	Design of potential therapeutic peptides and carriers to inhibit amyloid -peptide aggregation **2012**,		3
10	Application of Adsorptive Stripping Voltammetry to the Determination of Trace Levels of Titanium in Mice Organs. *Electroanalysis*, **1999**, 11, 1207-1210	3	3
9	Influence of in vitro neuronal membranes on the anti-amyloidogenic activity of gallic acid: Implication for the therapy of Alzheimer's disease. *Archives of Biochemistry and Biophysics*, **2021**, 711, 109022	4.1	3
8	Caffeic acid for the prevention and treatment of Alzheimer's disease: The effect of lipid membranes on the inhibition of aggregation and disruption of A-fibrils. *International Journal of Biological Macromolecules*, **2021**, 190, 853-861	7.9	3
7	Encapsulation of a proteasome inhibitor with gold-polysaccharide nanocarriers. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	2
6	Evaluation of atmospheric deposition and patterns of polycyclic aromatic hydrocarbons in fa-des of historic monuments of Oporto (Portugal). *International Journal of Environmental Analytical Chemistry*, **2013**, 93, 1052-1064	1.8	2

5	The Role of Amyloid Biomembrane Interactions in the Pathogenesis of Alzheimer's Disease: Insights from Liposomes as Membrane Models. *ChemPhysChem*, **2021**, 22, 1547-1565	3.2	2
4	The interaction of a 2 adrenoceptor agonist drug with biomimetic cell membrane models: The case of terbutaline sulphate. *Life Sciences*, **2021**, 285, 119992	6.8	2
3	Immunoliposomes for Alzheimer's disease therapy **2013**,		1
2	Indoor Air Quality Under Restricted Ventilation and Occupancy Scenarios with Focus on Particulate Matter: A Case Study of Fitness Centre. *Studies in Systems, Decision and Control*, **2022**, 345-354	0.8	
1	Exploration of a Simplified Protocol for Solid Lipid Nanoparticle Production and Characterization. *Journal of Chemical Education*, **2021**, 98, 2693-2698	2.4	