

Armando Silvestre

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

362 papers	14,417 citations	62 h-index	99 g-index
380 ext. papers	16,422 ext. citations	5.8 avg, IF	6.8 L-index

#	Paper	IF	Citations
362	Farnesene Exogenous Application as a Novel Damage Induction Model to Fast Explore the Effectiveness of Postharvest Strategies: The Case Study of the Rocha Pear DOP. <i>Horticulturae</i> , 2022 , 8, 93	2.5	0
361	Chemical Characterisation, Antioxidant and Antibacterial Activities of Pinus pinaster Ait. and Pinus pinea L. Bark Polar Extracts: Prospecting Forestry By-Products as Renewable Sources of Bioactive Compounds. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 784	2.6	1
360	Improved Production of 5-Hydroxymethylfurfural in Acidic Deep Eutectic Solvents Using Microwave-Assisted Reactions.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
359	Deep Eutectic Solvents for Sustainable Separation Processes 2022 , 605-652		
358	Elderberry Stalks as a Source of High-Value Phytochemical: Essential Minerals and Lipophilic Compounds. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 382	2.6	1
357	Natural Polymers-Based Materials: A Contribution to a Greener Future.. <i>Molecules</i> , 2021 , 27,	4.8	5
356	Spherical Cellulose Micro and Nanoparticles: A Review of Recent Developments and Applications. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
355	Plastics from renewable sources as green and sustainable alternative. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 100557	7.9	6
354	Ionic Liquids in Drug Delivery. <i>Encyclopedia</i> , 2021 , 1, 324-339		6
353	Unravelling the para- and ortho-benzene substituent effect on the glass transition of renewable wholly (hetero-)aromatic polyesters bearing 2,5-furandicarboxylic moieties. <i>European Polymer Journal</i> , 2021 , 150, 110413	5.2	3
352	Deep desulfurization of fuels: Are deep eutectic solvents the alternative for ionic liquids?. <i>Fuel</i> , 2021 , 293, 120297	7.1	12
351	Bacterial nanocellulose-hyaluronic acid microneedle patches for skin applications: In vitro and in vivo evaluation. <i>Materials Science and Engineering C</i> , 2021 , 118, 111350	8.3	25
350	Wood delignification with aqueous solutions of deep eutectic solvents. <i>Industrial Crops and Products</i> , 2021 , 160, 113128	5.9	11
349	Unveiling Modifications of Biomass Polysaccharides during Thermal Treatment in Cholinium Chloride : Lactic Acid Deep Eutectic Solvent. <i>ChemSusChem</i> , 2021 , 14, 686-698	8.3	5
348	Metabolic Effects of a Bark Lipophilic Extract on Triple Negative Breast Cancer and Nontumor Breast Epithelial Cells. <i>Journal of Proteome Research</i> , 2021 , 20, 565-575	5.6	2
347	Bio-based sustainable films from the Algerian Opuntia ficus-indica cladodes powder: Effect of plasticizer content. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50450	2.9	4
346	Green Separation Techniques for Omics Platforms Liquid Chromatography and Capillary Electrophoresis 2021 , 627-644		

345	Bacterial Nanocellulose toward Green Cosmetics: Recent Progresses and Challenges. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
344	Chemical Characterization of L. Flowers Aqueous Extract and Its Biological Implications. <i>Biomolecules</i> , 2021 , 11,	5.9	4
343	Integrated Production and Separation of Furfural Using an Acidic-Based Aqueous Biphasic System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 12205-12212	8.3	1
342	Effect of the Micronization of Pulp Fibers on the Properties of Green Composites. <i>Molecules</i> , 2021 , 26,	4.8	4
341	Deep Eutectic Solvents and Pharmaceuticals. <i>Encyclopedia</i> , 2021 , 1, 942-963		5
340	Synthesis and characterization of analogues of glycine-betaine surface-active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117440	6	3
339	Functionalization of Betulinic Acid with Polyphenolic Fragments for the Development of New Amphiphilic Antioxidants. <i>Antioxidants</i> , 2021 , 10,	7.1	3
338	Enhanced Furfural Production in Deep Eutectic Solvents Comprising Alkali Metal Halides as Additives. <i>Molecules</i> , 2021 , 26,	4.8	1
337	The Role of Ionic Liquids in the Pharmaceutical Field: An Overview of Relevant Applications. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	39
336	Biorefinery of high polymerization degree proanthocyanidins in the context of circular economy. <i>Industrial Crops and Products</i> , 2020 , 151, 112450	5.9	12
335	Valorisation of chestnut spiny burs and roasted hazelnut skins extracts as bioactive additives for packaging films. <i>Industrial Crops and Products</i> , 2020 , 151, 112491	5.9	14
334	Strategies to Preserve Postharvest Quality of Horticultural Crops and Superficial Scald Control: From Diphenylamine Antioxidant Usage to More Recent Approaches. <i>Antioxidants</i> , 2020 , 9,	7.1	7
333	Unveiling the bioactivity of Allium triquetrum L. lipophilic fractions: chemical characterization and in vitro antibacterial activity against methicillin-resistant Staphylococcus aureus. <i>Food and Function</i> , 2020 , 11, 5257-5265	6.1	6
332	Aqueous solutions of deep eutectic systems as reaction media for the saccharification and fermentation of hardwood xylan into xylitol. <i>Bioresource Technology</i> , 2020 , 311, 123524	11	18
331	Enzymatic Synthesis of Poly(caprolactone): A QM/MM Study. <i>ChemCatChem</i> , 2020 , 12, 4845-4852	5.2	4
330	Antioxidant and antimicrobial films based on brewers spent grain arabinoxylans, nanocellulose and feruloylated compounds for active packaging. <i>Food Hydrocolloids</i> , 2020 , 108, 105836	10.6	37
329	Characterization and Cytotoxicity Assessment of the Lipophilic Fractions of Different Morphological Parts of. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
328	Novel insights into biomass delignification with acidic deep eutectic solvents: a mechanistic study of EO-4 ether bond cleavage and the role of the halide counterion in the catalytic performance. <i>Green Chemistry</i> , 2020 , 22, 2474-2487	10	34

327	Topical Drug Delivery Systems Based on Bacterial Nanocellulose: Accelerated Stability Testing. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
326	Asymmetric Monomer, Amorphous Polymer? StructureProperty Relationships in 2,4-FDCA and 2,4-PEF. <i>Macromolecules</i> , 2020 , 53, 1380-1387	5.5	14
325	Pullulan microneedle patches for the efficient transdermal administration of insulin envisioning diabetes treatment. <i>Carbohydrate Polymers</i> , 2020 , 241, 116314	10.3	24
324	Understanding the Structure and Dynamics of Nanocellulose-Based Composites with Neutral and ionic Poly(methacrylate) Derivatives using Inelastic Neutron Scattering and DFT Calculations. <i>Molecules</i> , 2020 , 25,	4.8	6
323	Dual nanofibrillar-based bio-sorbent films composed of nanocellulose and lysozyme nanofibrils for mercury removal from spring waters. <i>Carbohydrate Polymers</i> , 2020 , 238, 116210	10.3	16
322	Extraction of High Value Triterpenic Acids from Biomass Using Hydrophobic Deep Eutectic Solvents. <i>Molecules</i> , 2020 , 25,	4.8	13
321	Uncovering the potentialities of protic ionic liquids based on alkanolammonium and carboxylate ions and their aqueous solutions as non-derivatizing solvents of Kraft lignin. <i>Industrial Crops and Products</i> , 2020 , 143, 111866	5.9	11
320	Enhanced Conversion of Xylan into Furfural using Acidic Deep Eutectic Solvents with Dual Solvent and Catalyst Behavior. <i>ChemSusChem</i> , 2020 , 13, 784-790	8.3	39
319	Poly(4-styrene sulfonic acid)/bacterial cellulose membranes: Electrochemical performance in a single-chamber microbial fuel cell. <i>Bioresource Technology Reports</i> , 2020 , 9, 100376	4.1	13
318	The Impact of Plant-Based Coatings in "ROCHA" Pear Preservation during Cold Storage: A Metabolomic Approach. <i>Foods</i> , 2020 , 9,	4.9	4
317	Vapor Pressure Assessment of Sulfolane-Based Eutectic Solvents: Experimental, PC-SAFT, and Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 10386-10397	3.4	5
316	Tuning of Proanthocyanidin Extract's Composition through Quaternary Eutectic Solvents Extraction. <i>Antioxidants</i> , 2020 , 9,	7.1	2
315	A Perspective on PEF Synthesis, Properties, and End-Life. <i>Frontiers in Chemistry</i> , 2020 , 8, 585	5	48
314	Flexible Nanocellulose/Lignosulfonates Ion-Conducting Separators for Polymer Electrolyte Fuel Cells. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
313	Thin Porous Poly(ionic liquid) Coatings for Enhanced Headspace Solid Phase Microextraction. <i>Polymers</i> , 2020 , 12,	4.5	5
312	Natural-Based Antioxidant Extracts as Potential Mitigators of Fruit Browning. <i>Antioxidants</i> , 2020 , 9,	7.1	11
311	Use of Ionic Liquids and Deep Eutectic Solvents in Polysaccharides Dissolution and Extraction Processes towards Sustainable Biomass Valorization. <i>Molecules</i> , 2020 , 25,	4.8	38
310	Swellable Gelatin Methacryloyl Microneedles for Extraction of Interstitial Skin Fluid toward Minimally Invasive Monitoring of Urea. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000195	5.5	12

309	Grafting Poly(Methyl Methacrylate) (PMMA) from Cork via Atom Transfer Radical Polymerization (ATRP) towards Higher Quality of Three-Dimensional (3D) Printed PMMA/Cork-PMMA Materials. <i>Polymers</i> , 2020 , 12,	4.5	7
308	Antibacterial Multi-Layered Nanocellulose-Based Patches Loaded with Dexpanthenol for Wound Healing Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
307	Recent trends on the development of systems for cancer diagnosis and treatment by microfluidic technology. <i>Applied Materials Today</i> , 2020 , 18, 100450	6.6	12
306	Nanocellulose-Based Patches Loaded with Hyaluronic Acid and Diclofenac towards Aphthous Stomatitis Treatment. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
305	Vine Waste Valorisation: Integrated Approach for the Prospection of Bioactive Lipophilic Phytochemicals. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
304	Highly transparent films of new copolyesters derived from terephthalic and 2,4-furandicarboxylic acids. <i>Polymer Chemistry</i> , 2019 , 10, 5324-5332	4.9	14
303	Current Research on the Bioprospection of Linear Diterpenes from : From Extraction Methodologies to Possible Applications. <i>Marine Drugs</i> , 2019 , 17,	6	4
302	Poly(ionic liquids) in solid phase microextraction: Recent advances and perspectives. <i>Progress in Polymer Science</i> , 2019 , 98, 101148	29.6	22
301	Sambucus nigra Berries and Flowers Health Benefits: From Lab Testing to Human Consumption. <i>Reference Series in Phytochemistry</i> , 2019 , 2261-2295	0.7	1
300	Poly(ionic liquid) embedded particles as efficient solid phase microextraction phases of polar and aromatic analytes. <i>Talanta</i> , 2019 , 198, 193-199	6.2	11
299	Co-Polymers based on Poly(1,4-butylene 2,5-furandicarboxylate) and Poly(propylene oxide) with Tuneable Thermal Properties: Synthesis and Characterization. <i>Materials</i> , 2019 , 12,	3.5	5
298	Poly(glycidyl methacrylate)/bacterial cellulose nanocomposites: Preparation, characterization and post-modification. <i>International Journal of Biological Macromolecules</i> , 2019 , 127, 618-627	7.9	10
297	Chromatographic Separation of Phenolic Compounds from Extra Virgin Olive Oil: Development and Validation of a New Method Based on a Biphenyl HPLC Column. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
296	Zwitterionic Nanocellulose-Based Membranes for Organic Dye Removal. <i>Materials</i> , 2019 , 12,	3.5	28
295	Hydrotropy and Cosolvency in Lignin Solubilization with Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 ,	8.3	9
294	New Materials Based on Cationic Porphyrins Conjugated to Chitosan or Titanium Dioxide: Synthesis, Characterization and Antimicrobial Efficacy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
293	Concurrent Desulfurization and Denitrogenation of Fuels Using Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11341-11349	8.3	37
292	Silylation of bacterial cellulose to design membranes with intrinsic anti-bacterial properties. <i>Carbohydrate Polymers</i> , 2019 , 220, 71-78	10.3	15

291	Biosynthesis and bioactivity of <i>Cynara cardunculus</i> L. guaianolides and hydroxycinnamic acids: a genomic, biochemical and health-promoting perspective. <i>Phytochemistry Reviews</i> , 2019 , 18, 495-526	7.7	6
290	Nanocellulose-based antifungal nanocomposites against the polymorphic fungus <i>Candida albicans</i> . <i>Carbohydrate Polymers</i> , 2019 , 217, 207-216	10.3	23
289	A compendium of current developments on polysaccharide and protein-based microneedles. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 704-728	7.9	22
288	Valorisation of bark lipophilic fractions from three Portuguese <i>Salix</i> species: A systematic study of the chemical composition and inhibitory activity on <i>Escherichia coli</i> . <i>Industrial Crops and Products</i> , 2019 , 132, 245-252	5.9	10
287	Deep eutectic solvents comprising active pharmaceutical ingredients in the development of drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 497-506	8	45
286	Current Challenges and Perspectives for the Use of Aqueous Plant Extracts in the Management of Bacterial Infections: The Case-Study of Serovars. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
285	Recent Developments in the Functionalization of Betulinic Acid and Its Natural Analogues: A Route to New Bioactive Compounds. <i>Molecules</i> , 2019 , 24,	4.8	45
284	Antimicrobial activity of pomegranate peel extracts performed by high pressure and enzymatic assisted extraction. <i>Food Research International</i> , 2019 , 115, 167-176	7	81
283	Nanocellulose-based materials as components of polymer electrolyte fuel cells. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 20045-20074	13	44
282	Design of Nonsteroidal Anti-Inflammatory Drug-Based Ionic Liquids with Improved Water Solubility and Drug Delivery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14126-14134	8.3	32
281	Recovery of Syringic Acid from Industrial Food Waste with Aqueous Solutions of Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14143-14152	8.3	11
280	Synthesis and characterization of photoactive porphyrin and poly(2-hydroxyethyl methacrylate) based materials with bactericidal properties. <i>Applied Materials Today</i> , 2019 , 16, 332-341	6.6	17
279	Replacing Di(2-ethylhexyl) Terephthalate by Di(2-ethylhexyl) 2,5-Furandicarboxylate for PVC Plasticization: Synthesis, Materials Preparation and Characterization. <i>Materials</i> , 2019 , 12,	3.5	16
278	Cinnamic acid derivatives as promising building blocks for advanced polymers: synthesis, properties and applications. <i>Polymer Chemistry</i> , 2019 , 10, 1696-1723	4.9	40
277	The Health-Promoting Potential of spp. Bark Polar Extracts: Key Insights on Phenolic Composition and In Vitro Bioactivity and Biocompatibility. <i>Antioxidants</i> , 2019 , 8,	7.1	14
276	The Quest for Phenolic Compounds from Macroalgae: A Review of Extraction and Identification Methodologies. <i>Biomolecules</i> , 2019 , 9,	5.9	39
275	High pressure extraction of bioactive diterpenes from the macroalgae : an efficient and environmentally friendly approach.. <i>RSC Advances</i> , 2019 , 9, 39893-39903	3.7	1
274	Photodegradation of metoprolol using a porphyrin as photosensitizer under homogeneous and heterogeneous conditions. <i>Journal of Hazardous Materials</i> , 2019 , 370, 13-23	12.8	42

273	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. <i>Carbohydrate Polymers</i> , 2019 , 206, 187-197	10.3	41
272	Physicochemical surface properties of bacterial cellulose/polymethacrylate nanocomposites: an approach by inverse gas chromatography. <i>Carbohydrate Polymers</i> , 2019 , 206, 86-93	10.3	16
271	Valorization of olive tree leaves: Extraction of oleanolic acid using aqueous solutions of surface-active ionic liquids. <i>Separation and Purification Technology</i> , 2018 , 204, 30-37	8.3	23
270	Deep Eutectic Solvent Aqueous Solutions as Efficient Media for the Solubilization of Hardwood Xylans. <i>ChemSusChem</i> , 2018 , 11, 753-762	8.3	53
269	Extraction and recovery processes for cynaropicrin from <i>Cynara cardunculus</i> L. using aqueous solutions of surface-active ionic liquids. <i>Biophysical Reviews</i> , 2018 , 10, 915-925	3.7	14
268	Tailored design of renewable copolymers based on poly(1,4-butylene 2,5-furandicarboxylate) and poly(ethylene glycol) with refined thermal properties. <i>Polymer Chemistry</i> , 2018 , 9, 722-731	4.9	38
267	Inside PEF: Chain Conformation and Dynamics in Crystalline and Amorphous Domains. <i>Macromolecules</i> , 2018 , 51, 3515-3526	5.5	71
266	Hydrogen Bond Dynamics of Cellulose through Inelastic Neutron Scattering Spectroscopy. <i>Biomacromolecules</i> , 2018 , 19, 1305-1313	6.9	16
265	Layer-by-layer coated imidazolium Styrene copolymers fibers for improved headspace-solid phase microextraction analysis of aromatic compounds. <i>Reactive and Functional Polymers</i> , 2018 , 125, 93-100	4.6	6
264	Poly(bis[2-(methacryloyloxy)ethyl] phosphate)/Bacterial Cellulose Nanocomposites: Preparation, Characterization and Application as Polymer Electrolyte Membranes. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1145	2.6	26
263	Furanoate-Based Nanocomposites: A Case Study Using Poly(Butylene 2,5-Furanoate) and Poly(Butylene 2,5-Furanoate)-(Butylene Diglycolate) and Bacterial Cellulose. <i>Polymers</i> , 2018 , 10,	4.5	13
262	Towards a sulfur clean fuel: Deep extraction of thiophene and dibenzothiophene using polyethylene glycol-based deep eutectic solvents. <i>Fuel</i> , 2018 , 234, 414-421	7.1	66
261	Sambucus nigra Berries and Flowers Health Benefits: From Lab Testing to Human Consumption. <i>Reference Series in Phytochemistry</i> , 2018 , 1-35	0.7	1
260	Chemical Composition of Lipophilic Bark Extracts from <i>Pinus pinaster</i> and <i>Pinus pinea</i> Cultivated in Portugal. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2575	2.6	6
259	Polysaccharide Based Hybrid Materials. <i>Springer Briefs in Molecular Science</i> , 2018 ,	0.6	5
258	Polysaccharides-Based Hybrids with Metal Oxide Nanoparticles. <i>Springer Briefs in Molecular Science</i> , 2018 , 31-68	0.6	1
257	Long-Term Effect on Bioactive Components and Antioxidant Activity of Thermal and High-Pressure Pasteurization of Orange Juice. <i>Molecules</i> , 2018 , 23,	4.8	15
256	Comprehensive Insight into the Elderflowers and Elderberries (<i>Sambucus nigra</i> L.) Mono and Sesquiterpenic Metabolites: Factors that Modulate Their Composition 2018 ,		1

255	Identification and characterization of photodegradation products of metoprolol in the presence of natural fulvic acid by HPLC-UV-MS. <i>Journal of Hazardous Materials</i> , 2017 , 323, 250-263	12.8	18
254	Improving the Thermal Properties of Poly(2,5-furandicarboxylate)s Using Cyclohexylene Moieties: A Comparative Study. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600492	2.6	21
253	Quinones as Strecker degradation reagents in wine oxidation processes. <i>Food Chemistry</i> , 2017 , 228, 618-624	8.34	11
252	Environmentally Benign Supercritical Fluid Extraction 2017 , 325-348		2
251	Protonic conductivity and fuel cell tests of nanocomposite membranes based on bacterial cellulose. <i>Electrochimica Acta</i> , 2017 , 233, 52-61	6.7	35
250	Unveiling elderflowers (<i>Sambucus nigra</i> L.) volatile terpenic and norisoprenoids profile: Effects of different postharvest conditions. <i>Food Chemistry</i> , 2017 , 229, 276-285	8.5	12
249	Enhanced extraction and biological activity of 7-hydroxymatairesinol obtained from Norway spruce knots using aqueous solutions of ionic liquids. <i>Green Chemistry</i> , 2017 , 19, 2626-2635	10	23
248	Switchable (pH-Driven) Aqueous Biphasic Systems Formed by Ionic Liquids as Integrated Production-Separation Platforms. <i>Green Chemistry</i> , 2017 , 19, 2768-2773	10	22
247	Poly(N-methacryloyl glycine)/nanocellulose composites as pH-sensitive systems for controlled release of diclofenac. <i>Carbohydrate Polymers</i> , 2017 , 169, 357-365	10.3	46
246	Demystifying the morphology and size control on the biosynthesis of gold nanoparticles using Eucalyptus globulus bark extract. <i>Industrial Crops and Products</i> , 2017 , 105, 83-92	5.9	23
245	Thermosetting AESO-bacterial cellulose nanocomposite foams with tailored mechanical properties obtained by Pickering emulsion templating. <i>Polymer</i> , 2017 , 118, 127-134	3.9	21
244	Solvatochromic parameters of deep eutectic solvents formed by ammonium-based salts and carboxylic acids. <i>Fluid Phase Equilibria</i> , 2017 , 448, 15-21	2.5	71
243	Experimental and modeling study of supercritical CO ₂ extraction of <i>Quercus cerris</i> cork: Influence of ethanol and particle size on extraction kinetics and selectivity to friedelin. <i>Separation and Purification Technology</i> , 2017 , 187, 34-45	8.3	18
242	Eucalyptus spp. outer bark extracts inhibit <i>Helicobacter pylori</i> growth: in vitro studies. <i>Industrial Crops and Products</i> , 2017 , 105, 207-214	5.9	12
241	Exploiting poly(ionic liquids) and nanocellulose for the development of bio-based anion-exchange membranes. <i>Biomass and Bioenergy</i> , 2017 , 100, 116-125	5.3	29
240	Enhanced Solubility of Lignin Monomeric Model Compounds and Technical Lignins in Aqueous Solutions of Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4056-4065	8.3	94
239	Lipophilic Fraction of Cultivated <i>Bifurcaria bifurcata</i> R. Ross: Detailed Composition and In Vitro Prospection of Current Challenging Bioactive Properties. <i>Marine Drugs</i> , 2017 , 15,	6	19
238	Aqueous solutions of surface-active ionic liquids: remarkable alternative solvents to improve the solubility of triterpenic acids and their extraction from biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7344-7351	8.3	40

237	Secondary metabolites from Eucalyptus grandis wood cultivated in Portugal, Brazil and South Africa. <i>Industrial Crops and Products</i> , 2017 , 95, 357-364	5.9	21
236	Phenolic composition and biological prospecting of grains and stems of Retama sphaerocarpa. <i>Industrial Crops and Products</i> , 2017 , 95, 244-255	5.9	11
235	Multilayered materials based on biopolymers as drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 189-200	8	21
234	Control of Listeria innocua biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017 , 137, 265-276	4.6	35
233	1 Development and applications of cellulose nanofibres based polymer nanocomposites 2017 , 1-65		2
232	Emerging technologies for the recovery of valuable compounds from coffee processing by-products 2017 , 141-169		1
231	Deep Eutectic Solvents as Efficient Media for the Extraction and Recovery of Cynaropicrin from Cynara cardunculus L. Leaves. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	24
230	Expanding the Applicability of Poly(Ionic Liquids) in Solid Phase Microextraction: Pyrrolidinium Coatings. <i>Materials</i> , 2017 , 10,	3.5	11
229	Nanocellulose/poly(methacryloyloxyethyl phosphate) composites as proton separator materials. <i>Cellulose</i> , 2016 , 23, 3677-3689	5.5	22
228	Fractionation of phenolic compounds from lignin depolymerisation using polymeric aqueous biphasic systems with ionic surfactants as electrolytes. <i>Green Chemistry</i> , 2016 , 18, 5569-5579	10	20
227	Quantification of 3-deoxyglucosone (3DG) as an aging marker in natural and forced aged wines. <i>Journal of Food Composition and Analysis</i> , 2016 , 50, 70-76	4.1	16
226	Renewable-based poly((ether)ester)s from 2,5-furandicarboxylic acid. <i>Polymer</i> , 2016 , 98, 129-135	3.9	47
225	Profiling of lipophilic and phenolic phytochemicals of four cultivars from cherimoya (Annona cherimola Mill.). <i>Food Chemistry</i> , 2016 , 211, 845-52	8.5	17
224	Metabolomic-Based Strategy for Fingerprinting of Sambucus nigra L. Berry Volatile Terpenoids and Norisoprenoids: Influence of Ripening and Cultivar. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5428-38	5.7	14
223	Industrial potential of lipoxygenases. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 665-74	9.4	18
222	Valorization of water hyacinth through supercritical CO ₂ extraction of stigmasterol. <i>Industrial Crops and Products</i> , 2016 , 80, 177-185	5.9	10
221	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , 2016 , 17, 1395-403	6.9	42
220	Nafion [®] and nanocellulose: A partnership for greener polymer electrolyte membranes. <i>Industrial Crops and Products</i> , 2016 , 93, 212-218	5.9	49

219	Measurement and modeling of supercritical fluid extraction curves of <i>Eichhornia crassipes</i> for enhanced stigmasterol production: Mechanistic insights of the process. <i>Separation and Purification Technology</i> , 2016 , 163, 189-198	8.3	5
218	New unsaturated copolyesters based on 2,5-furandicarboxylic acid and their crosslinked derivatives. <i>Polymer Chemistry</i> , 2016 , 7, 1049-1058	4.9	48
217	Effect of Elderberry (<i>Sambucus nigra</i> L.) Extract Supplementation in STZ-Induced Diabetic Rats Fed with a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	19
216	Antiproliferative Effects of <i>Cynara cardunculus</i> L. var. <i>atilis</i> (DC) Lipophilic Extracts. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	24
215	<i>Sambucus nigra</i> L.: A Potential Source of Healthpromoting Components 2016 , 343-392		4
214	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 225-231	7.9	5
213	Ionic liquids in chromatographic and electrophoretic techniques: toward additional improvements in the separation of natural compounds. <i>Green Chemistry</i> , 2016 , 18, 4582-4604	10	42
212	Bioprospecting for lipophilic-like components of five Phaeophyta macroalgae from the Portuguese coast. <i>Journal of Applied Phycology</i> , 2016 , 28, 3151-3158	3.2	17
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