

Ferno D Magalhes

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148
papers

3,541
citations

29
h-index

53
g-index

157
ext. papers

4,071
ext. citations

4.4
avg, IF

5.58
L-index

#	Paper	IF	Citations
148	Graphene-based materials biocompatibility: a review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 188-202	6	396
147	Effect of incorporation of graphene oxide and graphene nanoplatelets on mechanical and gas permeability properties of poly(lactic acid) films. <i>Polymer International</i> , 2013 , 62, 33-40	3.3	214
146	Mechanical study of PLA-PCL fibers during in vitro degradation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011 , 4, 451-60	4.1	163
145	Solubility of carbon dioxide in aqueous solutions of amino acid salts. <i>Chemical Engineering Science</i> , 2009 , 64, 1993-2002	4.4	141
144	Characterization of potassium glycinate for carbon dioxide absorption purposes. <i>Chemical Engineering Science</i> , 2007 , 62, 6534-6547	4.4	134
143	Biocompatibility of poly(lactic acid) with incorporated graphene-based materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 104, 229-38	6	112
142	Poly(lactic acid) Composites Containing Carbon-Based Nanomaterials: A Review. <i>Polymers</i> , 2017 , 9,	4.5	84
141	Carbon molecular sieve membranes Sorption, kinetic and structural characterization. <i>Journal of Membrane Science</i> , 2004 , 241, 275-287	9.6	83
140	From mechanical stimulus to bone formation: A review. <i>Medical Engineering and Physics</i> , 2015 , 37, 719-28	4	72
139	Scavengers for achieving zero formaldehyde emission of wood-based panels. <i>Wood Science and Technology</i> , 2013 , 47, 1261-1272	2.5	72
138	High-Purity Oxygen Production by Pressure Swing Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 591-599	3.9	61
137	New Knudsen effusion apparatus with simultaneous gravimetric and quartz crystal microbalance mass loss detection. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 834-843	2.9	57
136	Water adsorption on carbon molecular sieve membranes: Experimental data and isotherm model. <i>Carbon</i> , 2005 , 43, 2769-2779	10.4	56
135	Fabrication and antimicrobial performance of surfaces integrating graphene-based materials. <i>Carbon</i> , 2018 , 132, 709-732	10.4	52
134	Smaller particle size and higher oxidation improves biocompatibility of graphene-based materials. <i>Carbon</i> , 2016 , 99, 318-329	10.4	50
133	Alternative to latent catalysts for curing UF resins used in the production of low formaldehyde emission wood-based panels. <i>International Journal of Adhesion and Adhesives</i> , 2012 , 33, 56-60	3.4	50
132	Aging study of carbon molecular sieve membranes. <i>Journal of Membrane Science</i> , 2008 , 310, 494-502	9.6	48

131	Cyclic adsorption separation processes: analysis strategy and optimization procedure. <i>Chemical Engineering Science</i> , 2003 , 58, 3143-3158	4.4	48
130	Carbon molecular sieve membranes from cellophane paper. <i>Journal of Membrane Science</i> , 2010 , 350, 180-188	9.6	45
129	Carbon dioxide absorption kinetics in potassium threonate. <i>Chemical Engineering Science</i> , 2008 , 63, 3493-3503	4.4	45
128	Production of melamine fortified urea-formaldehyde resins with low formaldehyde emission. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 2311-2317	2.9	42
127	Simulation of separation processes using finite volume method. <i>Computers and Chemical Engineering</i> , 2005 , 30, 83-98	4	42
126	Diffusion of Cyclohexane and Alkylcyclohexanes in Silicalite. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 2317-2324	3.4	40
125	On the optimization of cyclic adsorption separation processes. <i>AIChE Journal</i> , 2005 , 51, 1377-1395	3.6	39
124	Comparative study between a CMS membrane and a CMS adsorbent: Part I Morphology, adsorption equilibrium and kinetics. <i>Journal of Membrane Science</i> , 2010 , 346, 15-25	9.6	34
123	Effect of biodegradation on thermo-mechanical properties and biocompatibility of poly(lactic acid)/graphene nanoplatelets composites. <i>European Polymer Journal</i> , 2016 , 85, 431-444	5.2	33
122	Antimicrobial graphene nanoplatelets coatings for silicone catheters. <i>Carbon</i> , 2018 , 139, 635-647	10.4	33
121	Tribological Performance of PTFE-based Coating Modified with Microencapsulated [HMIM][NTf2] Ionic Liquid. <i>Tribology Letters</i> , 2015 , 59, 1	2.8	32
120	Polymer surface adsorption as a strategy to improve the biocompatibility of graphene nanoplatelets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 818-24	6	32
119	Evaluation of urea-formaldehyde adhesives performance by recently developed mechanical tests. <i>International Journal of Adhesion and Adhesives</i> , 2011 , 31, 127-134	3.4	29
118	Contamination of Zeolites Used in Oxygen Production by PSA: Effects of Water and Carbon Dioxide. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 6197-6203	3.9	29
117	Using wavelets for solving PDEs: an adaptive collocation method. <i>Chemical Engineering Science</i> , 2001 , 56, 3305-3309	4.4	29
116	The effect of traditional flame retardants, nanoclays and carbon nanotubes in the fire performance of epoxy resin composites. <i>Fire and Materials</i> , 2017 , 41, 111-130	1.8	28
115	Biocompatible reinforcement of poly(Lactic acid) with graphene nanoplatelets. <i>Polymer Composites</i> , 2018 , 39, E308-E320	3	28
114	Generalized linear driving force approximation for adsorption of multicomponent mixtures. <i>Chemical Engineering Science</i> , 2006 , 61, 3519-3531	4.4	28

113	Adaptive multiresolution approach for solution of hyperbolic PDEs. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2002 , 191, 3909-3928	5.7	28
112	Transport of n-paraffins in zeolite T. <i>AICHE Journal</i> , 1996 , 42, 68-86	3.6	28
111	Comparison of UF synthesis by alkaline-acid and strongly acid processes. <i>Journal of Applied Polymer Science</i> , 2012 , 123, 1764-1772	2.9	23
110	LABVIRTUALA virtual platform to teach chemical processes. <i>Education for Chemical Engineers</i> , 2009 , 4, e9-e19	2.4	23
109	Novel carbon molecular sieve honeycomb membrane module: configuration and membrane characterization. <i>Carbon</i> , 2005 , 43, 809-819	10.4	23
108	Influence of oxidized graphene nanoplatelets and [DMIM][NTf2] ionic liquid on the tribological performance of an epoxy-PTFE coating. <i>Tribology International</i> , 2016 , 97, 478-489	4.9	22
107	Wavelet-based adaptive grid method for the resolution of nonlinear PDEs. <i>AICHE Journal</i> , 2002 , 48, 774-785	3.85	21
106	Preparation of carbon molecular sieve membranes from an optimized ionic liquid-regenerated cellulose precursor. <i>Journal of Membrane Science</i> , 2019 , 572, 390-400	9.6	21
105	Graphene Surfaces Interaction with Proteins, Bacteria, Mammalian Cells, and Blood Constituents: The Impact of Graphene Platelet Oxidation and Thickness. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21020-21035	9.5	20
104	Dispersion of graphene nanoplatelets in poly(vinyl acetate) latex and effect on adhesive bond strength. <i>Polymer International</i> , 2013 , 62, 928-935	3.3	20
103	Study of influence of synthesis conditions on properties of melamine-urea formaldehyde resins. <i>International Wood Products Journal</i> , 2012 , 3, 51-57	0.9	20
102	Characterization of Urea-Formaldehyde Resins by GPC/SEC and HPLC Techniques: Effect of Ageing. <i>Journal of Adhesion Science and Technology</i> , 2010 , 24, 1535-1551	2	20
101	Oxidized Xanthan Gum and Chitosan as Natural Adhesives for Cork. <i>Polymers</i> , 2016 , 8,	4.5	20
100	Solution of hyperbolic PDEs using a stable adaptive multiresolution method. <i>Chemical Engineering Science</i> , 2003 , 58, 1777-1792	4.4	19
99	Low Density Wood-Based Particleboards Bonded with Foamable Sour Cassava Starch: Preliminary Studies. <i>Polymers</i> , 2016 , 8,	4.5	19
98	Intramedullary nailing biomechanics: Evolution and challenges. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2019 , 233, 295-308	1.7	18
97	Xenon recycling in an anaesthetic closed-system using carbon molecular sieve membranes. <i>Journal of Membrane Science</i> , 2007 , 301, 29-38	9.6	18
96	Optimization of Medical PSA Units for Oxygen Production. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 1085-1096	3.9	18

95	Determination of formaldehyde/urea molar ratio in amino resins by near-infrared spectroscopy. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 2441-2448	2.9	17
94	Nanocomposite acrylic paint with self-cleaning action 2012 , 9, 687-693		17
93	Optimization of the Synthesis of Urea-Formaldehyde Resins using Response Surface Methodology. <i>Journal of Adhesion Science and Technology</i> , 2010 , 24, 1454-1471	2	17
92	Adaptive multiresolution approach for two-dimensional PDEs. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2004 , 193, 405-425	5.7	17
91	Incorporation of graphene oxide into poly(ϵ -caprolactone) 3D printed fibrous scaffolds improves their antimicrobial properties. <i>Materials Science and Engineering C</i> , 2020 , 109, 110537	8.3	17
90	Sodium metabisulphite as a scavenger of air pollutants for wood-based building materials. <i>International Wood Products Journal</i> , 2013 , 4, 242-247	0.9	16
89	Carbon dioxide removal from anaesthetic gas circuits using hollow fiber membrane contactors with amino acid salt solutions. <i>Journal of Membrane Science</i> , 2009 , 339, 275-286	9.6	16
88	Utilization and characterization of amino resins for the production of wood-based panels with emphasis on particleboards (PB) and medium density fibreboards (MDF). A review. <i>Holzforschung</i> , 2018 , 72, 653-671	2	15
87	Graphene oxide-reinforced poly(2-hydroxyethyl methacrylate) hydrogels with extreme stiffness and high-strength. <i>Composites Science and Technology</i> , 2019 , 184, 107819	8.6	15
86	Low VOC self-crosslinking waterborne acrylic coatings incorporating fatty acid derivatives. <i>Progress in Organic Coatings</i> , 2013 , 76, 1691-1696	4.8	15
85	Reinforcement of Thermoplastic Corn Starch with Crosslinked Starch/Chitosan Microparticles. <i>Polymers</i> , 2018 , 10,	4.5	15
84	Stabilization of nano-TiO ₂ aqueous dispersions with poly(ethylene glycol)-b-poly(4-vinyl pyridine) block copolymer and their incorporation in photocatalytic acrylic varnishes. <i>Progress in Organic Coatings</i> , 2014 , 77, 1741-1749	4.8	14
83	Recent developments on intramedullary nailing: a biomechanical perspective. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1408, 20-31	6.5	13
82	Dynamic mechanical analysis and creep-recovery behavior of agglomerated cork. <i>European Journal of Wood and Wood Products</i> , 2018 , 76, 133-141	2.1	13
81	Separation of nitrogen from air by carbon molecular sieve membranes. <i>Journal of Membrane Science</i> , 2010 , 350, 139-147	9.6	13
80	Effect of peroxide oxidation on the expansion of potato starch foam. <i>Industrial Crops and Products</i> , 2019 , 137, 428-435	5.9	12
79	Adhesive bond strength development evaluation using ABES in different lignocellulosic materials. <i>International Journal of Adhesion and Adhesives</i> , 2013 , 47, 105-109	3.4	12
78	Production of monodisperse multivesiculated polyester particles with a T-junction microfluidic device. <i>Chemical Engineering Journal</i> , 2013 , 233, 323-330	14.7	12

77	Effect of binder on performance of intumescent coatings 2016 , 13, 227-238		11
76	The role of sucrose in amino polymers synthesized by the strongly acid process. <i>Journal of Adhesion Science and Technology</i> , 2013 , 27, 763-774	2	11
75	Near-Infrared Radiation-Based Mild Photohyperthermia Therapy of Non-Melanoma Skin Cancer with PEGylated Reduced Nanographene Oxide. <i>Polymers</i> , 2020 , 12,	4.5	11
74	Improvement of storage stability and physicochemical properties by addition of benzoguanamine in melamine-formaldehyde resin synthesis. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45185	2.9	10
73	Biosourced Disposable Trays Made of Brewer's Spent Grain and Potato Starch. <i>Polymers</i> , 2019 , 11,	4.5	10
72	Low Density Wood Particleboards Bonded with Starch Foam-Study of Production Process Conditions. <i>Materials</i> , 2019 , 12,	3.5	10
71	Evaluation of Bonding Performance of Amino Polymers Using ABES 2014 , 90, 80-88		10
70	Synthesis and characterization of acrylic fatty acid derivative and use as reactive coalescing agent. <i>European Journal of Lipid Science and Technology</i> , 2012 , 114, 1175-1182	3	10
69	Comparative study between a CMS membrane and a CMS adsorbent: Part II. Water vapor adsorption and surface chemistry. <i>Journal of Membrane Science</i> , 2010 , 346, 26-36	9.6	10
68	Study of Molecular Transport in Beds of Zeolite Crystallites: Semiquantitative Modeling of ^{129}Xe NMR Experiments. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 2277-2284	3.4	10
67	Exposure of Smaller and Oxidized Graphene on Polyurethane Surface Improves its Antimicrobial Performance. <i>Nanomaterials</i> , 2020 , 10,	5.4	8
66	Copolymerization of UF Resins with Dimethylurea for Improving Storage Stability without Impairing Adhesive Performance. <i>Materials</i> , 2018 , 11,	3.5	8
65	Synthesis and Characterization of Allyl Fatty Acid Derivatives as Reactive Coalescing Agents for Latexes. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2012 , 89, 2215-2226	1.8	8
64	Natural Additive for Reducing Formaldehyde Emissions in Urea-Formaldehyde Resins. <i>Journal of Renewable Materials</i> , 2016 , 4, 41-46	2.4	8
63	Effect of filler type on properties of PBAT/organoclay nanocomposites. <i>Polymer Bulletin</i> , 2020 , 77, 901-917	2.1	8
62	Use of master curves based on time-temperature superposition to predict creep failure of aluminium-glass adhesive joints. <i>International Journal of Adhesion and Adhesives</i> , 2017 , 74, 144-154	3.4	7
61	Postformable and Self-Healing Finish Foil Based on Polyurethane-Impregnated Paper. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 12376-12386	3.9	7
60	Highly flexible glycol-urea-formaldehyde resins. <i>European Polymer Journal</i> , 2018 , 105, 167-176	5.2	7

59	Formaldehyde emission in wood based panels: effect of curing reactions. <i>International Wood Products Journal</i> , 2014 , 5, 146-150	0.9	7
58	The influence of scavengers on VOC emissions in particleboards made from pine and poplar. <i>European Journal of Wood and Wood Products</i> , 2014 , 72, 117-121	2.1	7
57	Viscosity determination of amino resins during synthesis using near-infrared spectroscopy. <i>International Wood Products Journal</i> , 2012 , 3, 64-66	0.9	7
56	Use of fluoropolymer permanent release coatings for molded polyurethane foam production 2012 , 9, 757-764		7
55	A study on the colloidal nature of urea-formaldehyde resins and its relation with adhesive performance. <i>Journal of Applied Polymer Science</i> , 2010 , 118, n/a-n/a	2.9	7
54	Light-Activated Antimicrobial Surfaces Using Industrial Varnish Formulations to Mitigate the Incidence of Nosocomial Infections. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7567-7579	9.5	7
53	Determination of resin and moisture content in melamine-formaldehyde paper using near infrared spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2017 , 25, 311-323	1.5	6
52	Carbon Membranes with Extremely High Separation Factors and Stability. <i>Energy Technology</i> , 2019 , 7, 1801089	3.5	6
51	Production of water tolerant melamine-urea-formaldehyde resin by incorporation of sodium metabisulphite. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 70, 160-166	3.4	6
50	Blocked melamine-urea-formaldehyde resins and their usage in agglomerated cork panels. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46663	2.9	6
49	Determination of melamine content in amino resins by near-infrared spectroscopy. <i>Wood Science and Technology</i> , 2013 , 47, 939-948	2.5	6
48	Release of Volatile Compounds from Polymeric Microcapsules Mediated by Photocatalytic Nanoparticles. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-9	2.1	6
47	High-order approximations for intra-particle mass transfer. <i>Chemical Engineering Science</i> , 2004 , 59, 4393-4399	4.4	6
46	Modeling catalytic membrane reactors using an adaptive wavelet-based collocation method. <i>Journal of Membrane Science</i> , 2002 , 208, 57-68	9.6	6
45	Effect of spent sulfite liquor on urea-formaldehyde resin performance. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47389	2.9	6
44	Biosourced Binder for Wood Particleboards Based on Spent Sulfite Liquor and Wheat Flour. <i>Polymers</i> , 2018 , 10,	4.5	6
43	Partial replacement of melamine by benzoguanamine in MUF resins towards improved flexibility of agglomerated cork panels. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 87, 142-150	3.4	6
42	Preparation and characterization of acrylic polymer nanocomposite films obtained from aqueous dispersions. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2536-2543	2.9	5

41	Study of multivesiculated polyester particles synthesis by double emulsion process. <i>European Polymer Journal</i> , 2013 , 49, 664-674	5.2	5
40	Treatment of Waters Containing the Thiocarbamate Herbicide Molinate through an Adsorption/Bio-Regeneration System using a Low-Cost Adsorbent. <i>Water, Air, and Soil Pollution</i> , 2010 , 207, 289-298	2.6	5
39	2-D wavelet-based adaptive-grid method for the resolution of PDEs. <i>AIChE Journal</i> , 2003 , 49, 706-717	3.6	5
38	Effect of Panel Moisture Content on Internal Bond Strength and Thickness Swelling of Medium Density Fiberboard. <i>Polymers</i> , 2020 , 13,	4.5	5
37	Graphene Oxide Topical Administration: Skin Permeability Studies. <i>Materials</i> , 2021 , 14,	3.5	5
36	Impact of the Synthesis Procedure on Urea-Formaldehyde Resins Prepared by Alkaline Acid Process. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 5665-5676	3.9	4
35	Use of Multi-Hollow Polyester Particles as Opacifying Agent for Injection-Molded Polyethylene. <i>Polymers</i> , 2020 , 12,	4.5	4
34	Physicomechanical characterization of monodisperse multivesiculated polyester particles. <i>European Polymer Journal</i> , 2014 , 58, 173-179	5.2	4
33	Incorporation of an acrylic fatty acid derivative as comonomer for oxidative cure in acrylic latex 2014 , 11, 765-773		4
32	Lignosulphonates as an Alternative to Non-Renewable Binders in Wood-Based Materials. <i>Polymers</i> , 2021 , 13,	4.5	4
31	Low-Density Cardoon (L.) Particleboards Bound with Potato Starch-Based Adhesive. <i>Polymers</i> , 2020 , 12,	4.5	4
30	Graphene-based materials: the key for the successful application of pHEMA as a blood-contacting device. <i>Biomaterials Science</i> , 2021 , 9, 3362-3377	7.4	4
29	Grape Canes (L.) Applications on Packaging and Particleboard Industry: New Bioadhesive Based on Grape Extracts and Citric Acid.. <i>Polymers</i> , 2022 , 14,	4.5	4
28	Improvement of storage stability of UF resins by adding caprolactam. <i>International Journal of Adhesion and Adhesives</i> , 2019 , 92, 105-110	3.4	3
27	Study of the synthesis parameters of a urea-formaldehyde resin synthesized according to alkaline-acid process. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 102, 102646	3.4	3
26	Effect of added amines on the morphology of multivesiculated polyester particles. <i>Polymer Engineering and Science</i> , 2013 , 53, 2261-2269	2.3	3
25	Coke combustion in fluidized bed: A multi-disciplinary lab experiment. <i>Education for Chemical Engineers</i> , 2017 , 19, 13-22	2.4	3
24	Viscoplastic model analysis about the influence of graphene reinforcement in poly (lactic acid) time-dependent mechanical behaviour. <i>International Journal of Automotive Composites</i> , 2015 , 1, 244	0.3	3

23	Effect of curing conditions on the properties of multivesiculated polyester particle dispersions. <i>Polymer Engineering and Science</i> , 2014 , 54, 396-403	2.3	3
22	Introducing flexibility in urea-formaldehyde resins: Copolymerization with polyetheramines. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1834-1843	2.5	3
21	New Cardoon (<i>Cynara cardunculus</i> L.) Particleboards Using Cardoon Leaf Extract and Citric Acid as Bio-adhesive. <i>Materials Circular Economy</i> , 2021 , 3, 1	4.3	3
20	Graphene films irradiated with safe low-power NIR-emitting diodes kill multidrug resistant bacteria. <i>Carbon</i> , 2021 , 180, 10-21	10.4	3
19	Effects of resin content on mechanical properties of cork-based panels bound with melamine-urea-formaldehyde and polyurethane binders. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 101, 102632	3.4	2
18	Experiment and modelling of the strain-rate-dependent response during in vitro degradation of PLA fibres. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	2
17	¹³ C NMR study of presence of uron structures in amino adhesives and relation with wood-based panels performance. <i>Journal of Applied Polymer Science</i> , 2013 , 130, n/a-n/a	2.9	2
16	Impact of thermal treatment on bonding performance of UF/PVAc formulations. <i>International Wood Products Journal</i> , 2014 , 5, 212-216	0.9	2
15	Influence of Pyrolysis Parameters on the Performance of CMSM. <i>International Journal of Chemical Engineering</i> , 2009 , 2009, 1-7	2.2	2
14	Comparison of finite difference and control volume methods for solving differential equations. By G.G. Botte, J.A. Ritter, R.E. White, 24 (2000) 2633-2654. <i>Computers and Chemical Engineering</i> , 2005 , 29, 2256-2258	4	2
13	Considerations on the performance of hollow-fiber modules with glassy polymeric membranes. <i>Journal of Membrane Science</i> , 2001 , 188, 263-277	9.6	2
12	An approach for the optimization of transient diffusion cell measurements. <i>Canadian Journal of Chemical Engineering</i> , 2001 , 79, 840-845	2.3	2
11	Advances in carbon nanomaterials for immunotherapy. <i>Applied Materials Today</i> , 2022 , 27, 101397	6.6	2
10	Using Graphene-Based Materials for Stiff and Strong Poly(ethylene glycol) Hydrogels.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
9	Preparation of robust polyamide microcapsules by interfacial polycondensation of p-phenylenediamine and sebacoyl chloride and plasticization with oleic acid. <i>Journal of Microencapsulation</i> , 2015 , 32, 349-57	3.4	1
8	Synthesis of multihollow polyester particles in supra- and infra-millimeter size ranges by double emulsion process. <i>Polymer Engineering and Science</i> , 2016 , 56, 590-597	2.3	1
7	Development of phenol-formaldehyde resin with low formaldehyde emissions that respects LEED certification. <i>International Wood Products Journal</i> , 2014 , 5, 161-167	0.9	1
6	Kinetics of the Carbon Dioxide Absorption and Desorption with Amino Acid Salt Solutions using Hollow Fiber Membrane Contactors. <i>Procedia Engineering</i> , 2012 , 44, 1223-1224		1

5	Improving hydrophobic and oleophobic performances of high-pressure laminates. <i>European Journal of Wood and Wood Products</i> , 2018 , 76, 1685-1695	2.1	1
4	Bone: An Outstanding Composite Material. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3381	2.6	1
3	Prediction of formaldehyde and residual methanol concentration in formalin using near infrared spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 096703352210783	1.5	1
2	Carbon nanomaterials for phototherapy of cancer and microbial infections. <i>Carbon</i> , 2022 , 190, 194-244	10.4	0
1	Formulation and Characterization of a Composite Coating Formulation Based on Acrylic Foam and Cork Granules. <i>Coatings</i> , 2022 , 12, 732	2.9	