

Gary Ellis

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129
papers

3,674
citations

32
h-index

54
g-index

132
ext. papers

4,051
ext. citations

5.2
avg. IF

5.21
L-index

#	Paper	IF	Citations
129	Recent advances in the covalent modification of graphene with polymers. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1771-89	4.8	252
128	High-performance nanocomposites based on polyetherketones. <i>Progress in Materials Science</i> , 2012 , 57, 1106-1190	42.2	187
127	Development and characterization of PEEK/carbon nanotube composites. <i>Carbon</i> , 2009 , 47, 3079-3090	10.4	145
126	Opportunities and challenges in the use of inorganic fullerene-like nanoparticles to produce advanced polymer nanocomposites. <i>Progress in Polymer Science</i> , 2013 , 38, 1163-1231	29.6	136
125	High-quality few layer graphene produced by electrochemical intercalation and microwave-assisted expansion of graphite. <i>Carbon</i> , 2011 , 49, 2809-2816	10.4	104
124	Comparative study of the nucleation activity of third-generation sorbitol-based nucleating agents for isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 2440-2450	2.9	101
123	Identification of high performance solvents for the sustainable processing of graphene. <i>Green Chemistry</i> , 2017 , 19, 2550-2560	10	94
122	Activity of a nucleating agent for isotactic polypropylene and its influence on polymorphic transitions. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 531-539	2.9	90
121	Effect of Click-Chemistry Approaches for Graphene Modification on the Electrical, Thermal, and Mechanical Properties of Polyethylene/Graphene Nanocomposites. <i>Macromolecules</i> , 2013 , 46, 8980-8987	5.5	81
120	The influence of a compatibilizer on the thermal and dynamic mechanical properties of PEEK/carbon nanotube composites. <i>Nanotechnology</i> , 2009 , 20, 315707	3.4	73
119	Graphene functionalisation with a conjugated poly(fluorene) by click coupling: striking electronic properties in solution. <i>Chemistry - A European Journal</i> , 2012 , 18, 4965-73	4.8	72
118	Multiscale fiber-reinforced thermoplastic composites incorporating carbon nanotubes: A review. <i>Current Opinion in Solid State and Materials Science</i> , 2014 , 18, 62-80	12	70
117	The application of fourier transform raman spectroscopy to the study of paint systems. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1990 , 46, 227-241		69
116	Polymorphic Transformation in Isotactic 1-Butene/Ethylene Copolymers. <i>Macromolecules</i> , 2004 , 37, 3755-3762	5.3	68
115	Highly efficient nucleating additive for isotactic polypropylene studied by differential scanning calorimetry. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 1669-1679	2.9	66
114	Mechanical and electrical properties of carbon nanotube/poly(phenylene sulphide) composites incorporating polyetherimide and inorganic fullerene-like nanoparticles. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012 , 43, 603-612	8.4	65
113	Carbohydrate Hydrogen-Bonding Cooperativity [Intramolecular Hydrogen Bonds and Their Cooperative Effect on Intermolecular Processes] Binding to a Hydrogen-Bond Acceptor Molecule. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 840-855	3.2	62

112	Applications of Fourier Transform Raman spectroscopy in the synthetic polymer field. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1990 , 46, 197-216		61
111	Influence of a nucleating agent on the crystallization behaviour of isotactic polypropylene and elastomer blends. <i>Polymer</i> , 2007 , 48, 5324-5331	3.9	53
110	A study of the autoxidation of some unsaturated fatty acid methyl esters using Fourier transform Raman spectroscopy. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991 , 47, 1375-1388		50
109	Rheological and tribological properties of carbon nanotube/thermoplastic nanocomposites incorporating inorganic fullerene-like WS ₂ nanoparticles. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7959-7969	3.4	48
108	Analysis of the isothermal crystallization of isotactic polypropylene nucleated with sorbitol derivatives. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 2261-2274	2.9	47
107	Routine analytical Fourier transform Raman spectroscopy. <i>Analyst, The</i> , 1989 , 114, 1061-1066	5	47
106	Thermal decomposition of technological polymer blends 1. Poly(aryl ether ether ketone) with a thermotropic liquid crystalline polymer. <i>Polymer Degradation and Stability</i> , 1999 , 66, 405-413	4.7	44
105	Use of optical fibres in Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 1988 , 19, 413-418	2.3	44
104	Starch-derived carbonaceous mesoporous materials (Starbon [®]) for the selective adsorption and recovery of critical metals. <i>Green Chemistry</i> , 2015 , 17, 2146-2149	10	40
103	Morphology and thermal properties of novel poly(phenylene sulfide) hybrid nanocomposites based on single-walled carbon nanotubes and inorganic fullerene-like WS ₂ nanoparticles. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1418-1425		39
102	Fourier transform raman spectroscopy of elastomers: An overview. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1990 , 46, 217-226		38
101	Optimizing the balance between impact strength and stiffness in polypropylene/elastomer blends by incorporation of a nucleating agent. <i>Polymer Engineering and Science</i> , 2008 , 48, 80-87	2.3	36
100	Synchrotron Infrared Microscopy Study of the Crystalline Morphology of the Interphase in Polypropylene/LCP-Fiber Model Composites. <i>Journal of Macromolecular Science - Physics</i> , 2004 , 43, 191-206	1.4	36
99	Electromagnetic and Dynamic Mechanical Properties of Epoxy and Vinylester-Based Composites Filled with Graphene Nanoplatelets. <i>Polymers</i> , 2016 , 8,	4.5	35
98	The crystallization of polypropylene in multiwall carbon nanotube-based composites. <i>Polymer Composites</i> , 2011 , 32, 324-333	3	33
97	Flammability properties of PEEK and carbon nanotube composites. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2492-2502	4.7	32
96	Novel poly(3-hydroxybutyrate) nanocomposites containing WS ₂ inorganic nanotubes with improved thermal, mechanical and tribological properties. <i>Materials Chemistry and Physics</i> , 2014 , 147, 273-284	4.4	31
95	Development of novel melt-processable biopolymer nanocomposites based on poly(L-lactic acid) and WS ₂ inorganic nanotubes. <i>CrystEngComm</i> , 2014 , 16, 5062	3.3	30

94	A versatile chemical tool for the preparation of conductive graphene-based polymer nanocomposites. <i>Chemical Communications</i> , 2013 , 49, 8967-9	5.8	30
93	Isothermal crystallisation of iPP/Vectra blends by DSC and simultaneous SAXS and WAXS measurements employing synchrotron radiation. <i>Polymer</i> , 2003 , 44, 5209-5217	3.9	28
92	Chemistry below graphene: decoupling epitaxial graphene from metals by potential-controlled electrochemical oxidation. <i>Carbon</i> , 2018 , 129, 837-846	10.4	25
91	Fungal biodeterioration of color cinematographic films of the cultural heritage of Cuba. <i>International Biodeterioration and Biodegradation</i> , 2013 , 84, 372-380	4.8	25
90	Time-Resolved SAXS/WAXS Studies of the Polymorphic Transformation of 1-Butene/Ethylene Copolymers. <i>Journal of Macromolecular Science - Physics</i> , 2004 , 43, 177-189	1.4	25
89	Prevalence of non-aromatic carbonaceous molecules in the inner regions of circumstellar envelopes. <i>Nature Astronomy</i> , 2020 , 4, 97-105	12.1	25
88	Thermal properties, structure and morphology of PEEK/thermotropic liquid crystalline polymer blends. <i>Polymer International</i> , 2003 , 52, 1876-1886	3.3	24
87	FT Raman study of orientation and crystallization processes in poly(ethylene terephthalate). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995 , 51, 2139-2145	4.4	24
86	Nature of the Crystalline Interphase in Sheared IPP/Vectra Fiber Model Composites by Microfocus X-ray Diffraction and IR Microspectroscopy Using Synchrotron Radiation. <i>Macromolecules</i> , 2006 , 39, 5564-5568 ²³	5.5	23
85	Analysis of the Dynamic Crystallisation of Isotactic Polypropylene/ β -Nucleating Agent Systems by DSC. <i>Magyar Árvad Kémények</i> , 2002 , 68, 61-74	0	23
84	Morphology and thermal properties of biodegradable poly(hydroxybutyrate-co-hydroxyvalerate)/tungsten disulphide inorganic nanotube nanocomposites. <i>Materials Chemistry and Physics</i> , 2016 , 170, 145-153	4.4	22
83	Inorganic WS ₂ nanotubes that improve the crystallization behavior of poly(3-hydroxybutyrate). <i>CrystEngComm</i> , 2014 , 16, 1126-1135	3.3	22
82	The Study of Heterogeneous Polymer Systems by Synchrotron Infrared Microscopy. <i>Journal of Macromolecular Science - Physics</i> , 2004 , 43, 253-266	1.4	22
81	Highly resolved transmission infrared microscopy in polymer science. <i>Infrared Physics and Technology</i> , 2004 , 45, 349-364	2.7	22
80	Opportunities and challenges for polymer science using synchrotron-based infrared spectroscopy. <i>European Polymer Journal</i> , 2016 , 81, 505-531	5.2	22
79	Thermomechanical relaxation and different water states in cottonseed protein derived bioplastics. <i>RSC Advances</i> , 2014 , 4, 32320	3.7	20
78	Novel polypropylene/inorganic fullerene-like WS ₂ nanocomposites containing a β -nucleating agent: isothermal crystallization and melting behavior. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 1788-934	3.4	20
77	Novel polypropylene/inorganic fullerene-like WS ₂ nanocomposites containing a β -nucleating agent: dynamic crystallization and melting behavior. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10836-4334	3.4	20

76	Melting behavior in blends of isotactic polypropylene and a liquid crystalline polymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 1949-1959	2.6	20
75	Fourier transform Raman spectroscopic study of main-chain thermotropic liquid crystalline polyesters. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991 , 47, 1353-1366		20
74	Local mechanical properties of graphene/polyethylene-based nanocomposites by depth-sensing indentation. <i>European Polymer Journal</i> , 2016 , 74, 120-129	5.2	19
73	Precisely controlled fabrication, manipulation and in-situ analysis of Cu based nanoparticles. <i>Scientific Reports</i> , 2018 , 8, 7250	4.9	19
72	Non-Isothermal Cold-Crystallization Behavior and Kinetics of Poly(L-Lactic Acid)/WS2 Inorganic Nanotube Nanocomposites. <i>Polymers</i> , 2015 , 7, 2175-2189	4.5	19
71	Effect of particle size and a processing aid on the crystallization and melting behavior of iPP/red pine wood flour composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 935-949	8.4	19
70	Analysis of the isothermal crystallization of polypropylene/wood flour composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 94, 119-127	4.1	19
69	Characterization of surface-modified polyalkanoate films for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3286-3296	2.9	18
68	Dynamic crystallization of polypropylene and wood-based composites. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 6028-6036	2.9	18
67	Chemically synthesized chevron-like graphene nanoribbons for electrochemical sensors development: determination of epinephrine. <i>Scientific Reports</i> , 2020 , 10, 14614	4.9	18
66	Novel polypropylene/inorganic fullerene-like WS2 nanocomposites containing a nucleating agent: Mechanical, tribological and rheological properties. <i>Materials Chemistry and Physics</i> , 2014 , 144, 98-106	4.4	17
65	Study of the crosslink density, dynamo-mechanical behaviour and microstructure of hot and cold SBR vulcanizates. <i>Journal of Polymer Research</i> , 2010 , 17, 99-107	2.7	17
64	The relevance of carbohydrate hydrogen-bonding cooperativity effects: a cooperative 1,2-trans-diaxial diol and amido alcohol hydrogen-bonding array as an efficient carbohydrate-phosphate binding motif in nonpolar media. <i>Chemistry - A European Journal</i> , 2002 , 8, 1908-14	4.8	16
63	On the presence of polytetrahydrofuran in the polyspiro-phosphazenes [NP(O ₂ C ₁₂ H ₈)] _n prepared from [NPCL ₂] _n and 2,2'-dihydroxybiphenyl in THF as solvent. <i>Journal of Applied Polymer Science</i> , 2000 , 77, 568-576	2.9	16
62	The morphology and polymorphism of self-nucleated trigonal isotactic poly(1-butene) studied by synchrotron IR microspectroscopy. <i>CrystEngComm</i> , 2016 , 18, 816-828	3.3	15
61	Comparative study of the covalent diazotization of graphene and carbon nanotubes using thermogravimetric and spectroscopic techniques. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 16806-16816	3.6	15
60	Flexible film materials from conjugated dye-modified polymer surfactant-induced aqueous graphene dispersions. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16129		15
59	Homogenous thin layer coated graphene via one pot reaction with multidentate thiolated PMMAs. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1723	7.1	14

58	Laser microperforated biodegradable microbial polyhydroxyalkanoate substrates for tissue repair strategies: an infrared microspectroscopy study. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2379-88	4.4	14
57	Integration of block copolymer-wrapped single-wall carbon nanotubes into a trifunctional epoxy resin. Influence on thermal performance. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2065-2075	4.7	14
56	A Nd:YAG laser-microperforated poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-basal membrane matrix composite film as substrate for keratinocytes. <i>Biomaterials</i> , 2007 , 28, 650-60	15.6	14
55	Isothermal crystallization kinetics of PEEK/Vectra [®] blends by DSC and time-resolved synchrotron X-ray diffraction. <i>Polymer Engineering and Science</i> , 2006 , 46, 1411-1418	2.3	14
54	Fourier transform vibrational spectroscopy in the study of poly (aryl ether sulphone), poly (aryl ether ether sulphone) and their copolymers. <i>Journal of Molecular Structure</i> , 1991 , 247, 385-395	3.4	14
53	Polymorphism in liquid crystalline poly[tetramethylene terephthaloyl bis(4-oxybenzoate)]. <i>Macromolecules</i> , 1992 , 25, 4642-4648	5.5	14
52	New Perspectives on Graphene/Polymer Fibers and Fabrics for Smart Textiles: The Relevance of the Polymer/Graphene Interphase. <i>Frontiers in Materials</i> , 2018 , 5,	4	13
51	The overlooked role of reduced graphene oxide in the reinforcement of hydrophilic polymers. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1177-1180	7.1	13
50	Crystalline transformations in nylon-6/single-walled carbon nanotube nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6120-6	1.3	13
49	A Solvent-Free Dispersion Method for the Preparation of PET/MWCNT Composites. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 652-659	3.9	13
48	The thermal decomposition of poly[alkyl-4,4'-(terephthaloyldioxy)dibenzoate]s. <i>European Polymer Journal</i> , 1994 , 30, 621-627	5.2	13
47	Polymer Blend Nanocomposites: Effect of Selective Nanotube Location on the Properties of a Semicrystalline Thermoplastic-Toughened Epoxy Thermoset. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 1430-1444	3.9	12
46	Microstructure, morphology, and mechanical properties of styrene-butadiene rubber/organoclay nanocomposites. <i>Polymer Engineering and Science</i> , 2011 , 51, 1720-1729	2.3	12
45	Conformational restriction by intramolecular hydrogen bonding. Carbohydrate-carbohydrate self-assembly. <i>Tetrahedron Letters</i> , 1997 , 38, 1659-1662	2	12
44	Thermal degradation behaviour of 2-hydroxyethyl methacrylate/tert-butyl acrylate copolymers. <i>Polymer Degradation and Stability</i> , 2002 , 76, 205-210	4.7	12
43	On-Surface Bottom-Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8582-8586	16.4	11
42	Green preparation of tuneable carbon/silica composite materials from wastes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14148-14156	13	11
41	Mild Catalytic Functionalization of Styrene/Butadiene Rubbers. <i>Macromolecules</i> , 2012 , 45, 9267-9274	5.5	11

40	Poly(vinyl chloride)/Multiwalled Carbon Nanotube Nanocomposites: Effect of the Tacticity Distribution on the Polymer/Nanofiller Interface. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18256-18262	3.8	11
39	Synthesis of a [60] fullerene-functionalized isotactic polypropylene derivative. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6722-6733	2.5	11
38	Kinetic analysis of thermo-oxidative degradation of PEEK/thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 2006 , 46, 129-138	2.3	11
37	Monolithic mesoporous graphitic composites as super capacitors: from Starbons to Starenes . <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1119-1127	13	11
36	Flexible Bionanocomposites from Epoxidized Hemp Seed Oil Thermosetting Resin Reinforced with Halloysite Nanotubes. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 2454-2467	3.4	10
35	Scalable graphene-based nanocomposite coatings for flexible and washable conductive textiles. <i>Carbon</i> , 2020 , 167, 495-503	10.4	10
34	Analysis of the influence of chemical structure and thermal history on thermotropic liquid crystal polyesters by infrared and Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 1995 , 9, 49-56	2.1	10
33	Modifications in the mesogenic unit of poly(oxytetramethyleneoxycarbonyl-3-chloro-1,4-phenyleneoxyterephthaloyloxy-2-chloro-1,4-phenylene(carbonyl)). <i>Macromolecular Chemistry and Physics</i> , 1994 , 195, 2049-2056		
32	Thermal stability of thermotropic liquid crystals: poly(alkyl-4,4'-diphenoxy terephthalate)s. <i>Polymer Degradation and Stability</i> , 1993 , 41, 333-340	4.7	10
31	Facile one-pot exfoliation and integration of 2D layered materials by dispersion in a photocurable polymer precursor. <i>Nanoscale</i> , 2017 , 9, 10590-10595	7.7	9
30	Infrared synchrotron radiation from bending magnet and edge radiation sources for the study of orientation and conformation in anisotropic materials. <i>Review of Scientific Instruments</i> , 2011 , 82, 033710	1.7	9
29	Graphene and Polyethylene: A Strong Combination Towards Multifunctional Nanocomposites. <i>Polymers</i> , 2020 , 12,	4.5	9
28	Adsorption and Coupling of 4-aminophenol on Pt(111) surfaces. <i>Surface Science</i> , 2015 , 646, 5-12	1.8	8
27	Bio-based polymer nanocomposites based on nylon 11 and WS2 inorganic nanotubes. <i>RSC Advances</i> , 2015 , 5, 17879-17887	3.7	7
26	Probing the binding site of 800-nm bacteriochlorophyll in the membrane-linked LH2 protein of <i>Rhodobacter capsulatus</i> by local unfolding and chemical modification: evidence for the involvement of a betaHis20 residue. <i>FEBS Journal</i> , 2001 , 268, 2792-800		7
25	Studies on the heterogeneity of polymeric systems by vibrational microscopy1. <i>Macromolecular Symposia</i> , 2002 , 184, 37-48	0.8	7
24	Anhydride-based chemistry on graphene for advanced polymeric materials. <i>RSC Advances</i> , 2016 , 6, 36656-36660	3.7	7
23	On-Surface Bottom-Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie</i> , 2018 , 130, 8718-8722	3.6	7

22	Oxygen intercalation in PVD graphene grown on copper substrates: A decoupling approach. <i>Applied Surface Science</i> , 2020 , 529, 147100	6.7	6
21	A 2D tungsten disulphide/diamond nanoparticles hybrid for an electrochemical sensor development towards the simultaneous determination of sunset yellow and quinoline yellow. <i>Sensors and Actuators B: Chemical</i> , 2020 , 324, 128731	8.5	6
20	Microfocus X-ray scattering and micro-Raman spectroscopy: Transcrystallinity in isotactic polypropylene. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014 , 8, 724-727	2.5	5
19	Structural effects on the thermal degradation of main-chain thermotropic liquid crystal polyesters. <i>Vibrational Spectroscopy</i> , 1995 , 9, 43-48	2.1	5
18	The influence of asymmetric lateral branching in the flexible spacer on the properties of a main-chain thermotropic liquid crystal polyester. <i>Polymer Bulletin</i> , 1994 , 33, 505-512	2.4	5
17	Polymers for aluminium secondary batteries: Solubility, ionogel formation and chloroaluminate speciation. <i>Polymer</i> , 2021 , 224, 123707	3.9	5
16	Versatile Graphene-Based Platform for Robust Nanobiohybrid Interfaces. <i>ACS Omega</i> , 2019 , 4, 3287-3293	3.9	4
15	Biochemical profiling of rat embryonic stem cells grown on electrospun polyester fibers using synchrotron infrared microspectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 3649-3660	4.4	4
14	Effect of WS ₂ inorganic Nanotubes on Isothermal Crystallization Behavior and Kinetics of Poly(3-Hydroxybutyrate-co-3-hydroxyvalerate). <i>Polymers</i> , 2018 , 10,	4.5	4
13	Advanced Vibrational Microspectroscopic Study of Conformational Changes within a Craze in Poly(ethylene terephthalate). <i>Macromolecules</i> , 2015 , 48, 1162-1168	5.5	4
12	Raman spectroscopic study of a substituted poly(phosphazene). <i>Polymer Bulletin</i> , 1991 , 25, 351-356	2.4	4
11	Polarization-modulated synchrotron infrared microspectroscopy for the study of crystalline morphology in some semicrystalline polyolefins. <i>Journal of Physics: Conference Series</i> , 2012 , 359, 012005	0.3	2
10	Metal-catalyst-free gas-phase synthesis of long-chain hydrocarbons. <i>Nature Communications</i> , 2021 , 12, 5937	17.4	2
9	On-Surface Driven Formal Michael Addition Produces m-Polyaniline Oligomers on Pt(111). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23220-23227	16.4	2
8	Polarization modulated infrared spectroscopy: A pragmatic tool for polymer science and engineering. <i>Polymer Crystallization</i> , 2020 , 3, e10138	0.9	1
7	The molecular structure of flowing polymer melts. <i>European Polymer Journal</i> , 1990 , 26, 667-673	5.2	1
6	INFRA-ICE: An ultra-high vacuum experimental station for laboratory astrochemistry. <i>Review of Scientific Instruments</i> , 2020 , 91, 124101	1.7	1
5	Chloroaluminate Gel Electrolytes Prepared with Copolymers Based on Imidazolium Ionic Liquids and Deep Eutectic Solvent AlCl ₃ :Urea. <i>Polymers</i> , 2021 , 13,	4.5	1

- 4 On-Surface Driven Formal Michael Addition Produces m-Polyaniline Oligomers on Pt(111).
Angewandte Chemie, **2020**, 132, 23420-23427 3.6 ○
- 3 Relation between chemical composition, morphology, and microstructure of poly(ether ether ketone)/reduced graphene oxide nanocomposite coatings obtained by electrophoretic deposition.
Journal of Materials Science, **2022**, 57, 5839-5854 4.3 ○
- 2 Influence of carbon nanotubes on the properties of epoxy based composites reinforced with a semicrystalline thermoplastic. *IOP Conference Series: Materials Science and Engineering*, **2014**, 64, 012006^{0.4}
- 1 Graphene Functionalization for Polymer Nanocomposites1-50