Jose A A Pomposo

List of Publications by Year
in descending order

175 papers	7,136 citations	44069 48 h-index	69250 77 g-index
189 all docs	189 docs citations	189 times ranked	6209 citing authors

#	Article	IF	Citations
1	Tuning the solubility of polymerized ionic liquids by simple anion-exchange reactions. Journal of Polymer Science Part A, 2004, 42, 208-212.	2.3	318
2	Influence of Ionic Liquids on the Electrical Conductivity and Morphology of PEDOT:PSS Films. Chemistry of Materials, 2007, 19, 2147-2149.	6.7	240
3	Advances in single chain technology. Chemical Society Reviews, 2015, 44, 6122-6142.	38.1	217
4	Tailor-made polymer electrolytes based upon ionic liquids and their application in all-plastic electrochromic devices. Electrochemistry Communications, 2006, 8, 482-488.	4.7	193
5	Synthesis by RAFT and Ionic Responsiveness of Double Hydrophilic Block Copolymers Based on Ionic Liquid Monomer Units. Macromolecules, 2008, 41, 6299-6308.	4.8	185
6	A simplified all-polymer flexible electrochromic device. Electrochimica Acta, 2004, 49, 3555-3559.	5.2	154
7	Synthesis of Novel Polycations Using the Chemistry of Ionic Liquids. Macromolecular Chemistry and Physics, 2005, 206, 299-304.	2.2	154
8	How Far Are Single-Chain Polymer Nanoparticles in Solution from the Globular State?. ACS Macro Letters, 2014, 3, 767-772.	4.8	152
9	Nanostructured Thermosetting Systems by Modification with Epoxidized Styreneâˆ'Butadiene Star Block Copolymers. Effect of Epoxidation Degree. Macromolecules, 2006, 39, 2254-2261.	4.8	136
10	Nano-Objects on a Round Trip from Water to Organics in a Polymeric Ionic Liquid Vehicle. Small, 2006, 2, 507-512.	10.0	131
11	pH-responsive single-chain polymer nanoparticles utilising dynamic covalent enamine bonds. Chemical Communications, 2014, 50, 1871-1874.	4.1	131
12	Metallo-Folded Single-Chain Nanoparticles with Catalytic Selectivity. ACS Macro Letters, 2014, 3, 439-443.	4.8	130
13	Endowing Single-Chain Polymer Nanoparticles with Enzyme-Mimetic Activity. ACS Macro Letters, 2013, 2, 775-779.	4.8	129
14	Advances in Click Chemistry for Single-Chain Nanoparticle Construction. Molecules, 2013, 18, 3339-3355.	3.8	113
15	Structureâ€"conductivity relationships in chemical polypyrroles of low, medium and high conductivity. Synthetic Metals, 2006, 156, 420-425.	3.9	110
16	â€œMichaelâ€•Nanocarriers Mimicking Transient-Binding Disordered Proteins. ACS Macro Letters, 2013, 2, 491-495.	4.8	106
17	Polypyrrole-based conducting hot melt adhesives for EMI shielding applications. Synthetic Metals, 1999, 104, 107-111.	3.9	102
18	Advances in Single-Chain Nanoparticles for Catalysis Applications. Nanomaterials, 2017, 7, 341.	4.1	101

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19	Intramolecular Click Cycloaddition: An Efficient Roomâ€Temperature Route towards Bioconjugable Polymeric Nanoparticles. Macromolecular Rapid Communications, 2008, 29, 1156-1160.	3.9	99
20	Advantages of Orthogonal Folding of Single Polymer Chains to Soft Nanoparticles. Macromolecules, 2013, 46, 9748-9759.	4.8	89
21	Nanostructured Thermosetting Systems from Epoxidized Styrene Butadiene Block Copolymers. Macromolecular Rapid Communications, 2005, 26, 982-985.	3.9	87
22	Goldâ€“glutathione supramolecular hydrogels. Journal of Materials Chemistry, 2007, 17, 4843.	6.7	82
23	Design and Preparation of Singleâ€Chain Nanocarriers Mimicking Disordered Proteins for Combined Delivery of Dermal Bioactive Cargos. Macromolecular Rapid Communications, 2013, 34, 1681-1686.	3.9	82
24	Singleâ€Chain Polymer Nanoparticles via Nonâ€Covalent and Dynamic Covalent Bonds. Particle and Particle Systems Characterization, 2014, 31, 11-23.	2.3	78
25	Efficient Route to Compact Single-Chain Nanoparticles: Photoactivated Synthesis via Thiolâ€“Yne Coupling Reaction. Macromolecules, 2014, 47, 8270-8280.	4.8	77
26	First Enzymatic Synthesis of Water-Soluble Conducting Poly(3,4-ethylenedioxythiophene). Biomacromolecules, 2007, 8, 315-317.	5.4	74
27	Multiresponsive PEDOTâ€“Ionic Liquid Materials for the Design of Surfaces with Switchable Wettability. Advanced Functional Materials, 2009, 19, 3326-3333.	14.9	73
28	Single-chain nanoparticles: opportunities provided by internal and external confinement. Materials Horizons, 2020, 7, 2292-2313.	12.2	72
29	All-plastic electrochromic devices based on PEDOT as switchable optical attenuator in the near IR. Solar Energy Materials and Solar Cells, 2008, 92, 101-106.	6.2	71
30	New Organic Dispersions of Conducting Polymers Using Polymeric Ionic Liquids as Stabilizers. Macromolecular Rapid Communications, 2005, 26, 1122-1126.	3.9	66
31	A Versatile â€œClickâ€•Chemistry Precursor of Functional Polystyrene Nanoparticles. Advanced Materials, 2010, 22, 3038-3041.	21.0	66
32	Recent bioinspired applications of singleâ€chain nanoparticles. Polymer International, 2016, 65, 855-860.	3.1	66
33	On the glass transition behavior, interaction energies, and hydrogen-bonding strengths of binary poly(p-vinylphenol)/polyether blends. Macromolecules, 1994, 27, 102-109.	4.8	65
34	Low Surface Energy Conducting Polypyrrole Doped with a Fluorinated Counterion. Advanced Materials, 2002, 14, 749.	21.0	65
35	Synthesis and characterization of polypyrrole-graft-poly(Îµ-caprolactone) copolymers: new electrically conductive nanocomposites. Synthetic Metals, 2002, 126, 173-178.	3.9	64
36	Concentrated Solutions of Single-Chain Nanoparticles: A Simple Model for Intrinsically Disordered Proteins under Crowding Conditions. Journal of Physical Chemistry Letters, 2016, 7, 838-844.	4.6	64

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37	Synthesis and Characterization of Epoxidized Styrene-Butadiene Block Copolymers as Templates for Nanostructured Thermosets. Macromolecular Chemistry and Physics, 2004, 205, 987-996.	2.2	62
38	Ionic Liquid Immobilized Enzyme for Biocatalytic Synthesis of Conducting Polyaniline. Macromolecules, 2006, 39, 8547-8549.	4.8	62
39	A new approach to hydrophobic and water-resistant poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) films using ionic liquids. Journal of Materials Chemistry, 2008, 18, 5354.	6.7	61
40	Miscibility behavior of ternary poly(methyl methacrylate)/poly(ethyl methacrylate)/poly(p-vinylphenol) blends. Macromolecules, 1993, 26, 2104-2110.	4.8	60
41	Naked and Selfâ€Clickable Propargylicâ€Decorated Singleâ€Chain Nanoparticle Precursors via Redoxâ€Initiated RAFT Polymerization. Macromolecular Rapid Communications, 2012, 33, 1262-1267.	3.9	60
42	Bioinspired single-chain polymer nanoparticles. Polymer International, 2014, 63, 589-592.	3.1	60
43	Combined Electrochromic and Plasmonic Optical Responses in Conducting Polymer/Metal Nanoparticle Films. Journal of Nanoscience and Nanotechnology, 2007, 7, 2938-2941.	0.9	59
44	Simulation guided design of globular single-chain nanoparticles by tuning the solvent quality. Soft Matter, 2015, 11, 1369-1375.	2.7	58
45	Nanocrystal-Based Luminescent Composites for Nanoimprinting Lithography. Small, 2007, 3, 822-828.	10.0	55
46	Irreversible Thermochromic Behavior in Gold and Silver Nanorod/Polymeric Ionic Liquid Nanocomposite Films. ACS Applied Materials & Interfaces, 2009, 1, 348-352.	8.0	54
47	Novel Pyrrole End-Functional Macromonomers Prepared by Ring-Opening and Atom-Transfer Radical Polymerizations. Macromolecules, 2000, 33, 5846-5849.	4.8	52
48	Efficient Synthesis of Single-Chain Globules Mimicking the Morphology and Polymerase Activity of Metalloenzymes. Macromolecular Rapid Communications, 2015, 36, 1592-1597.	3.9	52
49	On the Apparent SEC Molecular Weight and Polydispersity Reduction upon Intramolecular Collapse of Polydisperse Chains to Unimolecular Nanoparticles. Macromolecules, 2011, 44, 8644-8649.	4.8	49
50	Zwitterionic polymerization of glycidyl monomers to cyclic polyethers with B(C₆F₅)₃. Polymer Chemistry, 2014, 5, 6905-6908.	3.9	49
51	Folding Single Chains to Single-Chain Nanoparticles via Reversible Interactions: What Size Reduction Can One Expect?. Macromolecules, 2017, 50, 1732-1739.	4.8	49
52	Electrochemical deposition of ZnO in a room temperature ionic liquid: 1-Butyl-1-methylpyrrolidinium bis(trifluoromethane sulfonyl)imide. Electrochemistry Communications, 2009, 11, 2184-2186.	4.7	48
53	Electrochemical synthesis of PEDOT derivatives bearing imidazoliumâ€ionic liquid moieties. Journal of Polymer Science Part A, 2009, 47, 3010-3021.	2.3	47
54	Chemical oxidative polymerization of pyrrole in the presence of m-hydroxybenzoic acid- and m-hydroxycinnamic acid-related compounds. Synthetic Metals, 2002, 126, 111-116.	3.9	46

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55	Orange to black electrochromic behaviour in poly(2-(2-thienyl)-1H-pyrrole) thin films. Electrochimica Acta, 2007, 52, 4784-4791.	5.2	46
56	Comparison of surface and bulk doping levels in chemical polypyrroles of low, medium and high conductivity. Surface and Interface Analysis, 2007, 39, 26-32.	1.8	46
57	Glass transition behaviour and interactions in poly(p-vinyl phenol)polymethacrylate blends. Polymer, 1993, 34, 95-102.	3.8	44
58	Structure and dynamics of single-chain nano-particles in solution. Polymer, 2016, 105, 532-544.	3.8	44
59	Crystallization of poly(ethylene oxide) in binary blends containing poly(p-vinyl phenol). Polymer, 1995, 36, 3889-3897.	3.8	43
60	Multi-orthogonal folding of single polymer chains into soft nanoparticles. Soft Matter, 2014, 10, 4813-4821.	2.7	43
61	Influence of the Introduction of Short Alkyl Chains in Poly(2-(2-Thienyl)-1<i>H</i>-pyrrole) on Its Electrochromic Behavior. Macromolecules, 2008, 41, 6886-6894.	4.8	42
62	CoFe2O4â€"polypyrrole (PPy) nanocomposites: new multifunctional materials. Nanotechnology, 2004, 15, S322-S327.	2.6	41
63	A new bifunctional template for the enzymatic synthesis of conducting polyaniline. Enzyme and Microbial Technology, 2007, 40, 1412-1421.	3.2	41
64	Hydrogen bonding in polymer systems involving poly(p-vinylphenol). 2. Ternary blends with poly(ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.8	40
65	Nanotechnology: A Tool for Improved Performance on Electrochemical Screen-Printed (Bio)Sensors. Journal of Sensors, 2009, 2009, 1-13.	1.1	40
66	Chemical reduction method for industrial application of undoped polypyrrole electrodes in lithium-ion batteries. Journal of Power Sources, 2006, 160, 585-591.	7.8	39
67	A Solventâ€Based Strategy for Tuning the Internal Structure of Metalloâ€Folded Singleâ€Chain Nanoparticles. Macromolecular Rapid Communications, 2016, 37, 1060-1065.	3.9	39
68	Synthesis of 2â€(Selenophenâ€2â€yl)pyrroles and Their Electropolymerization to Electrochromic Nanofilms. Chemistry - A European Journal, 2009, 15, 6435-6445.	3.3	38
69	Macromolecular Structure and Vibrational Dynamics of Confined Poly(ethylene oxide): From Subnanometer 2D-Intercalation into Graphite Oxide to Surface Adsorption onto Graphene Sheets. ACS Macro Letters, 2012, 1, 550-554.	4.8	38
70	Advances in Fluorescent Single-Chain Nanoparticles. Molecules, 2017, 22, 1819.	3.8	38
71	New Route to Polymeric Nanoparticles by Click Chemistry Using Bifunctional Crossâ€Linkers. Macromolecular Symposia, 2010, 296, 303-310.	0.7	36
72	Single Chain Dynamic Structure Factor of Linear Polymers in an All-Polymer Nano-Composite. Macromolecules, 2016, 49, 2354-2364.	4.8	36

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73	Thermal Stability of Polymers Confined in Graphite Oxide. Macromolecules, 2013, 46, 1890-1898.	4.8	32
74	A simple, fast and highly sensitive colorimetric detection of zein in aqueous ethanol via zeinâ€“pyridineâ€“gold interactions. Chemical Communications, 2015, 51, 15736-15738.	4.1	32
75	PEDOT:Poly(1â€vinylâ€3â€ethylimidazolium) dispersions as alternative materials for optoelectronic devices. Journal of Polymer Science Part A, 2008, 46, 3150-3154.	2.3	31
76	The Role of the Topological Constraints in the Chain Dynamics in All-Polymer Nanocomposites. Macromolecules, 2017, 50, 1719-1731.	4.8	31
77	Crowding the Environment of Single-Chain Nanoparticles: A Combined Study by SANS and Simulations. Macromolecules, 2018, 51, 1573-1585.	4.8	31
78	Key role of entropy in nanoparticle dispersion: polystyrene-nanoparticle/linear-polystyrene nanocomposites as a model system. Physical Chemistry Chemical Physics, 2008, 10, 650-651.	2.8	30
79	Metal-Free Polymethyl Methacrylate (PMMA) Nanoparticles by Enamine â€œClickâ€•Chemistry at Room Temperature. Polymers, 2011, 3, 1673-1683.	4.5	30
80	Zwitterionic Ring-Opening Copolymerization of Tetrahydrofuran and Glycidyl Phenyl Ether with B(C₆F₅)₃. Macromolecules, 2015, 48, 1664-1672.	4.8	29
81	Electro-optical analysis of PEDOT symmetrical electrochromic devices. Solar Energy Materials and Solar Cells, 2008, 92, 107-111.	6.2	28
82	Microscopic Dynamics in Nanocomposites of Poly(ethylene oxide) and Poly(methyl methacrylate) Soft Nanoparticles: A Quasi-Elastic Neutron Scattering Study. Macromolecules, 2014, 47, 304-315.	4.8	28
83	Use of polymeric ionic liquids as stabilizers in the synthesis of polypyrrole organic dispersions. Synthetic Metals, 2006, 156, 1133-1138.	3.9	25
84	NEW AMINE FUNCTIONAL IONIC LIQUID AS BUILDING BLOCK IN NANOTECHNOLOGY. Nano, 2007, 02, 169-173.	1.0	24
85	Coinage Metalâ€“Glutathione Thiolates as a New Class of Supramolecular Hydrogelators. Macromolecular Symposia, 2008, 266, 96-100.	0.7	24
86	Enzymatic synthesis of waterâ€soluble conducting poly(3,4â€ethylenedioxythiophene): A simple enzyme immobilization strategy for recycling and reusing. Journal of Polymer Science Part A, 2009, 47, 306-309.	2.3	24
87	Conductivity enhancement in raw polypyrrole and polypyrrole nanoparticle dispersions. Polymers for Advanced Technologies, 2006, 17, 26-29.	3.2	23
88	Highly transparent electrochromic plastic device that changes to purple and to blue by increasing the potential. Solar Energy Materials and Solar Cells, 2009, 93, 2093-2097.	6.2	23
89	Size of Elastic Single-Chain Nanoparticles in Solution and on Surfaces. Macromolecules, 2017, 50, 6323-6331.	4.8	23
90	Simultaneous synthesis of gold nanoparticles and conducting poly(3,4â€ethylenedioxythiophene) towards optoelectronic nanocomposites. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1451-1454.	1.8	22

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91	A Nanotechnology Pathway to Arresting Phase Separation in Soft Nanocomposites. Macromolecular Rapid Communications, 2011, 32, 573-578.	3.9	22
92	Tunable uptake of poly(ethylene oxide) by graphite-oxide-based materials. Carbon, 2012, 50, 5232-5241.	10.3	22
93	Functional patterns obtained by nanoimprinting lithography and subsequent growth of polymer brushes. Nanotechnology, 2007, 18, 215301.	2.6	19
94	Investigation of a Nanocomposite of 75 wt % Poly(methyl methacrylate) Nanoparticles with 25 wt % Poly(ethylene oxide) Linear Chains: A Quasielatic Neutron Scattering, Calorimetric, and WAXS Study. Macromolecules, 2014, 47, 3005-3016.	4.8	18
95	Synthesis of Singleâ€Ring Nanoparticles Mimicking Natural Cyclotides by a Stepwise Foldingâ€Activationâ€Collapse Process. Macromolecular Rapid Communications, 2019, 40, 1800491.	3.9	18
96	All-plastic distributed pressure sensors: taylor-made performance by electroactive materials design. Microsystem Technologies, 2008, 14, 1089-1097.	2.0	17
97	Efficient Synthesis of Single-Chain Polymer Nanoparticles<i>via</i>Amide Formation. Journal of Nanomaterials, 2015, 2015, 1-7.	2.7	17
98	Merging of Zwitterionic ROP and Photoactivated Thiolâ€"Yne Coupling for the Synthesis of Polyether Single-Chain Nanoparticles. Macromolecules, 2016, 49, 90-97.	4.8	17
99	Local Domain Size in Single-Chain Polymer Nanoparticles. ACS Omega, 2018, 3, 8648-8654.	3.5	17
100	Mesoscale Dynamics in Melts of Single-Chain Polymeric Nanoparticles. Macromolecules, 2019, 52, 6935-6942.	4.8	17
101	Hydrogen bonding in polymer systems involving poly(p-vinylphenol). 1. Binary blends with poly(ethyl) Tj ETQq1 1 0.784314 rgBT /Overlo	4.8	16
102	Phase diagram and entropic interaction parameter of athermal allâ€polymer nanocomposites. Polymers for Advanced Technologies, 2008, 19, 756-761.	3.2	16
103	Phase diagrams in compressible weakly interacting all-polymer nanocomposites. Journal of Chemical Physics, 2009, 130, 084905.	3.0	16
104	Effect of Molecular Crowding on Conformation and Interactions of Single-Chain Nanoparticles. Macromolecules, 2019, 52, 4295-4305.	4.8	16
105	Synthesis and electrochemical characterization of dipyrroles separated by diphenyleneoxide and diphenylenesulfide spacers via the Trofimov reaction. Tetrahedron, 2005, 61, 7756-7762.	1.9	15
106	Synthesis and electrochemical study of narrow band gap conducting polymers based on 2,2â€²-dipyrroles linked with conjugated aza-spacers. Synthetic Metals, 2007, 157, 60-65.	3.9	15
107	One-step growth of gold nanorods using a Î²-diketone reducing agent. Journal of Nanoparticle Research, 2009, 11, 1241-1245.	1.9	15
108	Effect of chain stiffness on the structure of single-chain polymer nanoparticles. Journal of Physics Condensed Matter, 2018, 30, 034001.	1.8	15

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109	Enzyme-mimetic synthesis of PEDOT from self-folded iron-containing single-chain nanoparticles. European Polymer Journal, 2018, 109, 447-452.	5.4	15
110	Facile Access to Completely Deuterated Singleâ€Chain Nanoparticles Enabled by Intramolecular Azide Photodecomposition. Macromolecular Rapid Communications, 2019, 40, 1900046.	3.9	15
111	Design and stabilization of block copolymer micelles via phenolâ€“pyridine hydrogen-bonding interactions. Polymer, 2010, 51, 1355-1362.	3.8	14
112	Modeling of the phase behavior of binary and ternary blends involving copolymers of styrene, methyl methacrylate and cyclohexyl methacrylate. Acta Polymerica, 1998, 49, 301-311.	0.9	13
113	Single-chain nanoparticles vs. star, hyperbranched and dendrimeric polymers: effect of the nanoscopic architecture on the flow properties of diluted solutions. Soft Matter, 2014, 10, 9454-9459.	2.7	13
114	Glassy Dynamics of an All-Polymer Nanocomposite Based on Polystyrene Single-Chain Nanoparticles. Macromolecules, 2019, 52, 6868-6877.	4.8	13
115	Selfâ€Reporting of Folding and Aggregation by Orthogonal Hantzsch Luminophores Within a Single Polymer Chain. Angewandte Chemie - International Edition, 2021, 60, 3534-3539.	13.8	13
116	Easy-dispersible poly(glycidyl phenyl ether)-functionalized graphene sheets obtained by reaction of â€œlivingâ€• anionic polymer chains. Chemical Communications, 2012, 48, 2618.	4.1	12
117	An unexpected route to aldehyde-decorated single-chain nanoparticles from azides. Polymer Chemistry, 2016, 7, 6570-6574.	3.9	12
118	Tunable slow dynamics in a new class of soft colloids. Soft Matter, 2016, 12, 9039-9046.	2.7	12
119	Chemical sensing based on the plasmonic response of nanoparticle aggregation: anion sensing in nanoparticles stabilized by amino-functional ionic liquid. Frontiers of Physics in China, 2010, 5, 330-336.	1.0	11
120	Advances in the Phototriggered Synthesis of Single-Chain Polymer Nanoparticles. Polymers, 2019, 11, 1903.	4.5	11
121	Melts of single-chain nanoparticles: A neutron scattering investigation. Journal of Applied Physics, 2020, 127, .	2.5	11
122	Triggering Forces at the Nanoscale: Technologies for Singleâ€Chain Mechanical Activation and Manipulation. Macromolecular Rapid Communications, 2021, 42, e2000654.	3.9	11
123	Synthesis and Spectroelectrochemical Characterization of an Electrochromic Phosphole-EDOT Copolymer: poly([1-phenyl-2,5-bis(2-thienyl)thioxophosphole]0.14 -co- [3,4-ethylendioxythiophene]0.86). Polymer Bulletin, 2008, 61, 713-724.	3.3	10
124	A Useful Methodology for Determining the Compaction Degree of Singleâ€Chain Nanoparticles by Conventional SEC. Particle and Particle Systems Characterization, 2016, 33, 373-381.	2.3	10
125	Advances in the Multi-Orthogonal Folding of Single Polymer Chains into Single-Chain Nanoparticles. Polymers, 2021, 13, 293.	4.5	10
126	Group contribution method for predicting polymer-polymer miscibility: binary blends of poly(p-vinylphenol) and ester-containing polymers. Macromolecules, 1992, 25, 6909-6914.	4.8	9

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127	Characterization of novel all-plastic electrochromic devices: electro-optic and voltammetric response. Optical Engineering, 2004, 43, 2967.	1.0	9
128	Electrically Conducting Gels Formed From Polyaniline/Ethylcellulose/m-Cresol Ternary Solutions. Macromolecular Chemistry and Physics, 2004, 205, 1379-1384.	2.2	9
129	Assembled cation-exchange/anion-exchange polypyrrole layers as new simplified artificial muscles. Polymers for Advanced Technologies, 2007, 18, 64-66.	3.2	9
130	Impedance analysis and equivalent circuit of an all-plastic viologen based electrochromic device. Displays, 2008, 29, 401-407.	3.7	9
131	Ultrafiltration of single-chain polymer nanoparticles through nanopores and nanoslits. Polymer, 2018, 148, 61-67.	3.8	9
132	Syneresis and fibrillation of conducting polyaniline gels. Polymer, 2003, 44, 5057-5059.	3.8	8
133	Synthesis of polyaniline and application in the design of formulations of conductive paints. Polymers for Advanced Technologies, 2004, 15, 560-563.	3.2	8
134	Photoactivation of Aggregation-Induced Emission Molecules for Fast and Efficient Synthesis of Highly Fluorescent Single-Chain Nanoparticles. ACS Omega, 2018, 3, 15193-15199.	3.5	8
135	Glass-Transition Dynamics of Mixtures of Linear Poly(vinyl methyl ether) with Single-Chain Polymer Nanoparticles: Evidence of a New Type of Nanocomposite Materials. Polymers, 2019, 11, 533.	4.5	8
136	Binary Poly(ethylene oxide)/Poly(methyl methacrylate-co-ethyl methacrylate) Blends:â€‰ Miscibility Predictions from Model Compound Mixtures vs Experimental Phase Behavior. Macromolecules, 1996, 29, 7038-7046.	4.8	7
137	A Theoretical Investigation of Polymer-Nanoparticles as Miscibility Improvers in All-Polymer Nanocomposites. Journal of Nano Research, 0, 2, 105-114.	0.8	7
138	A thermoreversible supramolecular hydrogel inspired by poly(<i>N</i>,Â<i>N</i>-dimethylacrylamide). Supramolecular Chemistry, 2009, 21, 581-584.	1.2	7
139	Excellent Stability in Water of Singleâ€Chain Nanoparticles against Chain Scission by Sonication. Macromolecular Rapid Communications, 2018, 39, e1700675.	3.9	7
140	Controlling the stereospecific bonding motif of Auâ€“thiolate links. Nanoscale, 2019, 11, 15567-15575.	5.6	7
141	Structure and Dynamics of Irreversible Single-Chain Nanoparticles in Dilute Solution. A Neutron Scattering Investigation. Macromolecules, 2020, 53, 8068-8082.	4.8	7
142	Collective Motions and Mechanical Response of a Bulk of Single-Chain Nano-Particles Synthesized by Click-Chemistry. Polymers, 2021, 13, 50.	4.5	7
143	Highly Conducting Polyaniline Gels. Macromolecular Rapid Communications, 2002, 23, 659-663.	3.9	6
144	Miscibility Enhancement in All-Polymer Nanocomposites Composed of Weakly-Charged Flexible Chains and Polar Nanoparticles. Journal of Nano Research, 0, 6, 123-132.	0.8	6

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145	Magnetic force microscopy characterization of heat and current treated Fe40Ni38Mo4B18 amorphous ribbons. Journal of Magnetism and Magnetic Materials, 2010, 322, 1822-1827.	2.3	6
146	Unimolecular Nanoparticles <i>via</i> Carbonâ€Carbon â€œClickâ€•Chemistry for Allâ€Polymer Nanocomposites. Macromolecular Symposia, 2012, 321-322, 145-149.	0.7	6
147	Brushes of elastic single-chain nanoparticles on flat surfaces. Polymer, 2019, 169, 207-214.	3.8	6
148	Steering alkyne homocoupling with on-surface synthesized metalâ€“organic complexes. Chemical Communications, 2020, 56, 8659-8662.	4.1	6
149	Valuable structure-size relationships for tadpole-shaped single-chain nanoparticles with long and short flexible tails unveiled. Physical Chemistry Chemical Physics, 2019, 21, 10884-10887.	2.8	5
150	Dynamic Processes and Mechanisms Involved in Relaxations of Single-Chain Nano-Particle Melts. Polymers, 2021, 13, 2316.	4.5	5
151	Disentangling Component Dynamics in an All-Polymer Nanocomposite Based on Single-Chain Nanoparticles by Quasielastic Neutron Scattering. Macromolecules, 2022, 55, 2320-2332.	4.8	5
152	Binary poly(cyclohexyl methacrylate)/poly(styrene-co-vinyl phenol) blends: Comparisons of phase behaviour predictions using a single and a double interassociation model. Polymer, 2005, 46, 10741-10749.	3.8	4
153	Nanoimprint lithography and surface modification as prospective technologies for heterogeneous integration. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3571-3575.	0.8	4
154	Kinetics of Core-Shell Nanoparticle Formation by Two-Dimensional Nuclear Magnetic Resonance. Macromolecular Rapid Communications, 2009, 30, 932-935.	3.9	4
155	Water dynamics and self-assembly of single-chain nanoparticles in concentrated solutions. Soft Matter, 2020, 16, 9738-9745.	2.7	4
156	Selfâ€Reporting of Folding and Aggregation by Orthogonal Hantzsch Luminophores Within a Single Polymer Chain. Angewandte Chemie, 2021, 133, 3576-3581.	2.0	4
157	Zwitterionic ring-opening polymerization for the facile, efficient and versatile grafting of functional polyethers onto graphene sheets. European Polymer Journal, 2015, 73, 413-422.	5.4	3
158	Active quinine-based films able to release antimicrobial compounds via melt quaternization at low temperature. Journal of Materials Chemistry B, 2018, 6, 98-104.	5.8	3
159	Significant effect of intra-chain distribution of catalytic sites on catalytic activity in â€œclickaseâ€• single-chain nanoparticles. Materials Letters, 2021, 304, 130622.	2.6	3
160	Intra- vs Intermolecular Cross-Links in Poly(methyl methacrylate) Networks Containing Enamine Bonds. Macromolecules, 2022, 55, 3627-3636.	4.8	3
161	Effect of monomer architecture on segmental interaction parameters of binary blends involving copolymers of cyclohexyl methacrylate, methyl methacrylate and styrene derivatives. Acta Polymerica, 1999, 50, 304-311.	0.9	2
162	Homogenization of Mutually Immiscible Polymers Using Nanoscale Effects: A Theoretical Study. Research Letters in Physical Chemistry, 2008, 2008, 1-4.	0.3	2

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163	Electrochemical biosensor development for detection of L-Dopa levels in plasma during Parkinson illness. , 2008, , .		2
164	Design of all-plastic distributed pressure sensors based on electroactive materials. , 2007, , .		1
165	Microstructural and Magnetic Properties of CoCu Nanoparticles Prepared by Wet Chemistry. Journal of Nanoscience and Nanotechnology, 2010, 10, 4246-4251.	0.9	1
166	Mapping the Extra Solvent Power of Ionic Liquids for Monomers, Polymers, and Dry/Wet Globular Single-Chain Polymer Nanoparticles. Langmuir, 2018, 34, 3275-3282.	3.5	1
167	A method to estimate the size of single-chain nanoparticles under severe crowding conditions. RSC Advances, 2022, 12, 1571-1575.	3.6	1
168	Variable optical attenuator made by using new electrochromic devices. , 2005, , .		0
169	<title>A self-supported polypyrrole artificial muscle: design optimization</title>. , 2005, , .		0
170	Electrical characterization of new electrochromic devices. , 2007, , .		0
171	SYNTHESIS OF FULLEROPYRROLIDINE PYRIDINIUM SALTS BY FACILE ANION EXCHANGE AND THEIR SOLUBILITY. Nano, 2009, 04, 299-302.	1.0	0
172	Emerging Multifunctional Nanostructures. Journal of Nanomaterials, 2009, 2009, 1-2.	2.7	0
173	Polymers: Electrochemical Formation of Nanostructured Conducting Polymers. , 2016, , 962-968.		0
174	Nanoparticles: Single-Chain, Nanomedicine. , 0, , 5559-5568.		0
175	Distributed Pressure Sensor Based on Electroactive Materials for Automotive Application. , 2006, , 249-260.		0