

Armã©nio C Serra

List of Publications by Year in descending order

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158
papers

4,491
citations

101543

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149698

56
g-index

160
all docs

160
docs citations

160
times ranked

5725
citing authors

#	ARTICLE	IF	CITATIONS
1	The quest for sustainable polyesters – insights into the future. <i>Polymer Chemistry</i> , 2014, 5, 3119-3141.	3.9	438
2	Heavy-atom effects on metalloporphyrins and polyhalogenated porphyrins. <i>Chemical Physics</i> , 2002, 280, 177-190.	1.9	170
3	Recent Developments in Antimicrobial Polymers: A Review. <i>Materials</i> , 2016, 9, 599.	2.9	153
4	Inorganic Sulfites: Efficient Reducing Agents and Supplemental Activators for Atom Transfer Radical Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 1308-1311.	4.8	95
5	Peripheral Nerve Regeneration: Current Status and New Strategies Using Polymeric Materials. <i>Advanced Healthcare Materials</i> , 2016, 5, 2732-2744.	7.6	79
6	Soft Bioelectronic Stickers: Selection and Evaluation of Skin-Interfacing Electrodes. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900234.	7.6	77
7	Near infrared light-triggered nanoparticles using singlet oxygen photocleavage for drug delivery systems. <i>Journal of Controlled Release</i> , 2019, 294, 337-354.	9.9	77
8	The potential of unsaturated polyesters in biomedicine and tissue engineering: Synthesis, structure-properties relationships and additive manufacturing. <i>Progress in Polymer Science</i> , 2017, 68, 1-34.	24.7	73
9	Ambient temperature rapid SARA ATRP of acrylates and methacrylates in alcohol-water solutions mediated by a mixed sulfite/Cu(ii)Br ₂ catalytic system. <i>Polymer Chemistry</i> , 2013, 4, 5629.	3.9	70
10	Dynamic Mechanical Thermal Analysis of Polymer Composites Reinforced with Natural Fibers. <i>Polymer Reviews</i> , 2016, 56, 362-383.	10.9	70
11	Synthesis of well-defined poly(2-(dimethylamino)ethyl methacrylate) under mild conditions and its co-polymers with cholesterol and PEG using Fe(0)/Cu(ii) based SARA ATRP. <i>Polymer Chemistry</i> , 2013, 4, 3088.	3.9	67
12	Poly(β -amino ester)-based gene delivery systems: From discovery to therapeutic applications. <i>Journal of Controlled Release</i> , 2019, 310, 155-187.	9.9	66
13	Cinnamic acid derivatives as promising building blocks for advanced polymers: synthesis, properties and applications. <i>Polymer Chemistry</i> , 2019, 10, 1696-1723.	3.9	66
14	Copper-Mediated Controlled/Living Radical Polymerization in Polar Solvents: Insights into Some Relevant Mechanistic Aspects. <i>Chemistry - A European Journal</i> , 2012, 18, 4607-4612.	3.3	64
15	Singlet Oxygen in Antimicrobial Photodynamic Therapy: Photosensitizer-Dependent Production and Decay in <i>E. coli</i> . <i>Molecules</i> , 2013, 18, 2712-2725.	3.8	64
16	Reversible Addition-Fragmentation Chain Transfer Polymerization of Vinyl Chloride. <i>Macromolecules</i> , 2012, 45, 2200-2208.	4.8	61
17	Ambient temperature rapid ATRP of methyl acrylate, methyl methacrylate and styrene in polar solvents with mixed transition metal catalyst system. <i>European Polymer Journal</i> , 2011, 47, 1460-1466.	5.4	60
18	New unsaturated copolyesters based on 2,5-furandicarboxylic acid and their crosslinked derivatives. <i>Polymer Chemistry</i> , 2016, 7, 1049-1058.	3.9	60

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19	Halogen atom effect on photophysical and photodynamic characteristics of derivatives of 5,10,15,20-tetrakis(3-hydroxyphenyl)porphyrin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 59-65.	3.8	55
20	Covalently immobilized porphyrins as photooxidation catalysts. <i>Tetrahedron</i> , 2007, 63, 7885-7891.	1.9	51
21	Synthesis of unsaturated polyesters based on renewable monomers: Structure/properties relationship and crosslinking with 2-hydroxyethyl methacrylate. <i>Reactive and Functional Polymers</i> , 2015, 97, 1-11.	4.1	50
22	Bioabsorbable polymers in cancer therapy: latest developments. <i>EPMA Journal</i> , 2015, 6, 22.	6.1	47
23	Preparation of fully biobased epoxy resins from soybean oil based amine hardeners. <i>Industrial Crops and Products</i> , 2017, 109, 434-444.	5.2	46
24	Aqueous SARA ATRP using inorganic sulfites. <i>Polymer Chemistry</i> , 2017, 8, 375-387.	3.9	45
25	A simple strategy toward the substitution of styrene by sobrerol-based monomers in unsaturated polyester resins. <i>Green Chemistry</i> , 2018, 20, 4880-4890.	9.0	44
26	Poly(vinyl chloride): current status and future perspectives via reversible deactivation radical polymerization methods. <i>Progress in Polymer Science</i> , 2018, 87, 34-69.	24.7	44
27	Untethered Disposable Health Monitoring Electronic Patches with an Integrated Ag ₂ O@Zn Battery, a AgInGa Current Collector, and Hydrogel Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3407-3414.	8.0	43
28	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 310-315.	2.8	42
29	High Resolution Soft and Stretchable Circuits with PVA/Liquid@Metal Mediated Printing. <i>Advanced Materials Technologies</i> , 2020, 5, 2000343.	5.8	42
30	Synthesis of cationic poly((3-acrylamidopropyl)trimethylammonium chloride) by SARA ATRP in ecofriendly solvent mixtures. <i>Polymer Chemistry</i> , 2014, 5, 5829-5836.	3.9	41
31	The influence of poly(ester amide) on the structural and functional features of 3D additive manufactured poly(μ -caprolactone) scaffolds. <i>Materials Science and Engineering C</i> , 2019, 98, 994-1004.	7.3	40
32	Synthesis of bifunctional cyclic carbonates from CO ₂ catalysed by choline-based systems. <i>Tetrahedron Letters</i> , 2013, 54, 5518-5522.	1.4	39
33	Straightforward ARGET ATRP for the Synthesis of Primary Amine Polymethacrylate with Improved Chain-End Functionality under Mild Reaction Conditions. <i>Macromolecules</i> , 2014, 47, 4615-4621.	4.8	39
34	Increasing the Antimicrobial Activity of Amphiphilic Cationic Copolymers by the Facile Synthesis of High Molecular Weight Stars by Supplemental Activator and Reducing Agent Atom Transfer Radical Polymerization. <i>Biomacromolecules</i> , 2019, 20, 1146-1156.	5.4	38
35	Efficient azo dye degradation by hydrogen peroxide oxidation with metalloporphyrins as catalysts. <i>Journal of Molecular Catalysis A</i> , 2005, 238, 192-198.	4.8	37
36	Sulfolane: an Efficient and Universal Solvent for Copper-Mediated Atom Transfer Radical (co)Polymerization of Acrylates, Methacrylates, Styrene, and Vinyl Chloride. <i>ACS Macro Letters</i> , 2014, 3, 858-861.	4.8	37

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37	Bisphosphonate-related osteonecrosis of the jaw: specificities. <i>Oncology Reviews</i> , 2014, 8, 254.	1.8	36
38	Synthesis of well-defined functionalized poly(2-(diisopropylamino)ethyl methacrylate) using ATRP with sodium dithionite as a SARA agent. <i>Polymer Chemistry</i> , 2014, 5, 3919-3928.	3.9	36
39	Going greener: Synthesis of fully biobased unsaturated polyesters for styrene crosslinked resins with enhanced thermomechanical properties. <i>EXPRESS Polymer Letters</i> , 2017, 11, 885-898.	2.1	36
40	Immobilised porphyrins in monoterpene photooxidations. <i>Journal of Catalysis</i> , 2008, 256, 331-337.	6.2	34
41	Accelerated Ambient-Temperature ATRP of Methyl Acrylate in Alcohol-Water Solutions with a Mixed Transition-Metal Catalyst System. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1677-1687.	2.2	34
42	Nitroxide-Mediated Polymerization of Vinyl Chloride at Low Temperature: Kinetic and Computational Studies. <i>Macromolecules</i> , 2016, 49, 490-498.	4.8	34
43	Use of recycled polypropylene/poly(ethylene terephthalate) blends to manufacture water pipes: An industrial scale study. <i>Waste Management</i> , 2020, 101, 250-258.	7.4	34
44	Covalently immobilized porphyrins on silica modified structures as photooxidation catalysts. <i>Journal of Molecular Catalysis A</i> , 2010, 326, 121-127.	4.8	33
45	Polymeric bile acid sequestrants' Synthesis using conventional methods and new approaches based on controlled/living radical polymerization. <i>Progress in Polymer Science</i> , 2013, 38, 445-461.	24.7	33
46	Getting faster: low temperature copper-mediated SARA ATRP of methacrylates, acrylates, styrene and vinyl chloride in polar media using sulfolane/water mixtures. <i>RSC Advances</i> , 2016, 6, 9598-9603.	3.6	33
47	Thiourea Dioxide As a Green and Affordable Reducing Agent for the ARGET ATRP of Acrylates, Methacrylates, Styrene, Acrylonitrile, and Vinyl Chloride. <i>ACS Macro Letters</i> , 2019, 8, 315-319.	4.8	31
48	Improvement of the control over SARA ATRP of 2-(diisopropylamino)ethyl methacrylate by slow and continuous addition of sodium dithionite. <i>Polymer Chemistry</i> , 2014, 5, 4617-4626.	3.9	30
49	Soybean and coconut oil based unsaturated polyester resins: Thermomechanical characterization. <i>Industrial Crops and Products</i> , 2016, 85, 403-411.	5.2	30
50	A look at clinical applications and developments of photodynamic therapy. <i>Oncology Reviews</i> , 2008, 2, 235-249.	1.8	29
51	3D printing of new biobased unsaturated polyesters by microstereo-thermal-lithography. <i>Biofabrication</i> , 2014, 6, 035024.	7.1	29
52	Efficient dispersion of TiO ₂ using tailor made poly(acrylic acid) based block copolymers, and its incorporation in water based paint formulation. <i>Progress in Organic Coatings</i> , 2017, 104, 34-42.	3.9	29
53	High transfection efficiency promoted by tailor-made cationic tri-block copolymer-based nanoparticles. <i>Acta Biomaterialia</i> , 2017, 47, 113-123.	8.3	29
54	In Vitro Photodynamic Activity of 5,15-bis(3-hydroxyphenyl)porphyrin and Its Halogenated Derivatives Against Cancer Cells. <i>Photochemistry and Photobiology</i> , 2010, 86, 206-212.	2.5	28

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55	Ambient Temperature Transition-Metal-Free Dissociative Electron Transfer Reversible Addition-Fragmentation Chain Transfer Polymerization (DET-RAFT) of Methacrylates, Acrylates, and Styrene. <i>Macromolecules</i> , 2016, 49, 1597-1604.	4.8	28
56	Silica grafted polyethylenimine as heterogeneous catalyst for condensation reactions. <i>Applied Catalysis A: General</i> , 2011, 399, 126-133.	4.3	27
57	Facile Synthesis of Well-Defined Telechelic Alkyne-Terminated Polystyrene in Polar Media Using ATRP With Mixed Fe/Cu Transition Metal Catalyst. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 76-84.	2.2	27
58	Cyclopentyl methyl ether: A new green co-solvent for supplemental activator and reducing agent atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2722-2729.	2.3	27
59	Deep eutectic solvents (DES): Excellent green solvents for rapid SARA ATRP of biorelevant hydrophilic monomers at ambient temperature. <i>Polymer</i> , 2017, 132, 114-121.	3.8	27
60	On the mechanism of carboxylic acid co-catalyst assisted metalloporphyrin oxidations. <i>Journal of Molecular Catalysis A</i> , 2001, 168, 25-32.	4.8	26
61	[8+2] Cycloaddition of <i>meso</i> -tetra- and 5,15-diarylporphyrins: Synthesis and Photophysical Characterization of Stable Chlorins and Bacteriochlorins. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3970-3979.	2.4	26
62	Synergistic Effect of 1-Butyl-3-methylimidazolium Hexafluorophosphate and DMSO in the SARA ATRP at Room Temperature Affording Very Fast Reactions and Polymers with Very Low Dispersity. <i>ACS Macro Letters</i> , 2014, 3, 544-547.	4.8	26
63	Mechanism of supplemental activator and reducing agent atom transfer radical polymerization mediated by inorganic sulfites: experimental measurements and kinetic simulations. <i>Polymer Chemistry</i> , 2017, 8, 6506-6519.	3.9	25
64	5,10,15,20-Tetrakisaryl- and 2,3,7,8,12,13,17, 18-octahalogeno-5,10,15,20-tetrakisarylporphyrins and their metal complexes as catalysts in hypochlorite epoxidations. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2053.	0.9	24
65	supplementary information (ESI) available: Calculated molecular geometries, rotational constants, energies and dipole moments. Definition of internal symmetry coordinates used in the normal mode analysis. Experimental spectrum of polycrystalline 5-chlorotetrazole and calculated spectrum for the 1H-tautomer. See http://www.rsc.org/suppdata/cp/b1/b111329c . <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1725-1731.	2.8	24
66	Ambient Temperature Flash-SARA ATRP of Methyl Acrylate in Water/Ionic Liquid/Glycol Mixtures. <i>Macromolecules</i> , 2015, 48, 6810-6815.	4.8	24
67	Synthesis of functionalized poly(vinyl acetate) mediated by alkyne-terminated RAFT agents. <i>RSC Advances</i> , 2015, 5, 91225-91234.	3.6	23
68	The impact of a designed lactic acid-based crosslinker in the thermochemical properties of unsaturated polyester resins/nanoprecipitated calcium carbonate composites. <i>Journal of Materials Science</i> , 2017, 52, 1272-1284.	3.7	23
69	Nondrying, Sticky Hydrogels for the Next Generation of High-Resolution Conformable Bioelectronics. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3390-3401.	4.3	23
70	Synthesis and characterization of high performance superabsorbent hydrogels using bis[2-(methacryloyloxy)ethyl] phosphate as crosslinker. <i>EXPRESS Polymer Letters</i> , 2016, 10, 248-258.	2.1	23
71	An interesting rearrangement of unsaturated sulphonate and thiosulphonate esters. <i>Tetrahedron Letters</i> , 1991, 32, 6653-6654.	1.4	22
72	Novel Approach to Chlorins and Bacteriochlorins: [8+2] Cycloaddition of Diazafulvenium Methides with Porphyrins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6539-6543.	2.4	22

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73	Poly(ethylene glycol)-block-poly(4-vinyl pyridine) as a versatile block copolymer to prepare nanoaggregates of superparamagnetic iron oxide nanoparticles. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1565.	5.8	22
74	Synthesis of well-defined alkyne terminated poly(N-vinyl caprolactam) with stringent control over the LCST by RAFT. <i>RSC Advances</i> , 2016, 6, 16996-17007.	3.6	22
75	Novel 4,5,6,7-tetrahydropyrazolo[1,5-a]pyridine fused chlorins as very active photodynamic agents for melanoma cells. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 374-380.	5.5	21
76	Cyclopentyl methyl ether as a green solvent for reversible-addition fragmentation chain transfer and nitroxide-mediated polymerizations. <i>RSC Advances</i> , 2016, 6, 7495-7503.	3.6	21
77	Combination of Poly[(2-dimethylamino)ethyl methacrylate] and Poly(β -amino ester) Results in a Strong and Synergistic Transfection Activity. <i>Biomacromolecules</i> , 2017, 18, 3331-3342.	5.4	21
78	Amphiphilic well-defined degradable star block copolymers by combination of ring-opening polymerization and atom transfer radical polymerization: Synthesis and application as drug delivery carriers. <i>Journal of Polymer Science</i> , 2021, 59, 211-229.	3.8	21
79	Mild oxygen activation with isobutyraldehyde promoted by simple salts. <i>Tetrahedron Letters</i> , 2011, 52, 3489-3491.	1.4	20
80	2-Bromo-5-hydroxyphenylporphyrins for photodynamic therapy: Photosensitization efficiency, subcellular localization and in vivo studies. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 51-61.	2.6	20
81	Functionalization of dipyrromethanes via hetero-Diels-Alder reaction with azo- and nitrosoalkenes. <i>Tetrahedron Letters</i> , 2013, 54, 1553-1557.	1.4	19
82	Retinoblastoma: might photodynamic therapy be an option?. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 563-573.	5.9	19
83	Oxidation of azo dyes in oil-in-water microemulsions catalyzed by metalloporphyrins in presence of lipophilic acids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 247-257.	4.7	18
84	Microwave synthesis and in vitro stability of diclofenac- β -cyclodextrin conjugate for colon delivery. <i>Carbohydrate Polymers</i> , 2013, 93, 512-517.	10.2	18
85	Pushing the limits of robust and eco-friendly ATRP processes: untreated water as the solvent. <i>Polymer Chemistry</i> , 2019, 10, 938-944.	3.9	18
86	End-capped biobased saturated polyesters as effective plasticizers for PVC. <i>Polymer Testing</i> , 2020, 85, 106406.	4.8	18
87	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.	3.9	17
88	Novel Cationic Triblock Copolymer of Poly[2-(dimethylamino)ethyl methacrylate]- <i>b</i> -poly(β -amino ester)- <i>b</i> -poly[2-(dimethylamino)ethyl methacrylate]: A Promising Non-Viral Gene Delivery System. <i>Macromolecular Bioscience</i> , 2015, 15, 215-228.	4.1	17
89	Eutectic mixtures as a green alternative for efficient catalyst recycling in atom transfer radical polymerizations. <i>Journal of Polymer Science Part A</i> , 2017, 55, 371-381.	2.3	17
90	Efficient Solar Photooxygenation with Supported Porphyrins as Catalysts. <i>ChemCatChem</i> , 2013, 5, 134-137.	3.7	16

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91	Poly(ethylene glycol)- <i>block</i> -poly(2-aminoethyl methacrylate hydrochloride)-Based Polyplexes as Serum-Tolerant Nanosystems for Enhanced Gene Delivery. <i>Molecular Pharmaceutics</i> , 2019, 16, 2129-2141.	4.6	16
92	Liquid salts as eco-friendly solvents for atom transfer radical polymerization: a review. <i>Polymer Chemistry</i> , 2019, 10, 4904-4913.	3.9	15
93	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.	8.0	15
94	Ambient temperature SARAATRP for meth(acrylates), styrene, and vinyl chloride using sulfolane/1-butyl-3-methylimidazolium hexafluorophosphate-based mixtures. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1322-1328.	2.3	14
95	A new therapeutic proposal for inoperable osteosarcoma: Photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 79-85.	2.6	14
96	Synthetic Calcium Phosphate Ceramics as a Potential Treatment for Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , 2019, 12, 1840.	2.9	14
97	Passivation of the TiO ₂ Surface and Promotion of N719 Dye Anchoring with Poly(4-vinylpyridine) for Efficient and Stable Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5981-5990.	6.7	14
98	Vinyl Polymer-based technologies towards the efficient delivery of chemotherapeutic drugs. <i>Progress in Polymer Science</i> , 2021, 121, 101432.	24.7	14
99	Novel poly(ester amide)s from glycine and <i>L</i> -lactic acid by an easy and cost-effective synthesis. <i>Polymer International</i> , 2013, 62, 736-743.	3.1	13
100	Synthesis of tailor-made bile acid sequestrants by supplemental activator and reducing agent atom transfer radical polymerization. <i>RSC Advances</i> , 2016, 6, 52143-52153.	3.6	13
101	Efficient internal plasticization of poly(vinyl chloride) via free radical copolymerization of vinyl chloride with an acrylate bearing a triazole phthalate mimic. <i>Polymer</i> , 2020, 196, 122473.	3.8	13
102	Development of electrospun mats based on hydrophobic hydroxypropyl cellulose derivatives. <i>Materials Science and Engineering C</i> , 2021, 131, 112498.	7.3	13
103	Observations on the origin of phenylacetaldehyde in styrene epoxidation and the mechanism of oxidations catalysed by manganese complexes of porphyrins. <i>Perkin Transactions II RSC</i> , 2002, , 715-719.	1.1	12
104	Controlled porphyrinogen oxidation for the selective synthesis of meso-tetraarylchlorins. <i>Tetrahedron Letters</i> , 2010, 51, 4192-4194.	1.4	12
105	Efficient RAFT polymerization of N-(3-aminopropyl)methacrylamide hydrochloride using unprotected <i>clickable</i> -chain transfer agents. <i>Reactive and Functional Polymers</i> , 2014, 81, 1-7.	4.1	12
106	Synthesis and characterization of new temperature-responsive nanocarriers based on POEOMA- <i>b</i> -PNVCL prepared using a combination of ATRP, RAFT and CuAAC. <i>European Polymer Journal</i> , 2016, 81, 224-238.	5.4	12
107	Polymerization of Vinyl Chloride at Ambient Temperature Using Macromolecular Design via the Interchange of Xanthate: Kinetic and Computational Studies. <i>Macromolecules</i> , 2020, 53, 190-202.	4.8	12
108	Synthetic porphyrins bearing β^2 -propionate chains as photosensitizers for photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 438-445.	0.8	11

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109	Room temperature aqueous self-assembly of poly(ethylene glycol)-poly(4-vinyl pyridine) block copolymers: From spherical to worm-like micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 447-453.	5.0	11
110	Dextran-based tube-guides for the regeneration of the rat sciatic nerve after neurotmesis injury. <i>Biomaterials Science</i> , 2020, 8, 798-811.	5.4	11
111	Under pressure: electrochemically-mediated atom transfer radical polymerization of vinyl chloride. <i>Polymer Chemistry</i> , 2020, 11, 6745-6762.	3.9	11
112	Synthesis of new 2-galactosylthiazolidine-4-carboxylic acid amides. Antitumor evaluation against melanoma and breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 398-402.	5.5	10
113	Efficient dispersion of TiO ₂ in water-based paint formulation using well-defined poly[oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	10
114	Diclofenac- β -cyclodextrin for colonic drug targeting: In vivo performance in rats. <i>International Journal of Pharmaceutics</i> , 2016, 500, 366-370.	5.2	9
115	Higher activation barriers can lift exothermic rate restrictions in electron transfer and enable faster reactions. <i>Nature Communications</i> , 2018, 9, 2903.	12.8	9
116	Preparation of well-defined brush-like block copolymers for gene delivery applications under biorelevant reaction conditions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 107-117.	5.0	9
117	Guanidine as inexpensive dual function ligand and reducing agent for ATRP of methacrylates. <i>Polymer Chemistry</i> , 2019, 10, 4944-4953.	3.9	9
118	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. <i>Polymers</i> , 2020, 12, 1478.	4.5	9
119	Calcium Phosphate Ceramics Can Prevent Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , 2020, 13, 1955.	2.9	9
120	Synthesis and characterization of biobased polyester <scp>PVC</scp> plasticizers to industrial manufacturing of tubes. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50941.	2.6	9
121	Photosensitizers for photodynamic therapy: One-pot heterogeneous catalytic transfer reduction of porphyrins. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 294.	0.6	8
122	Novel nanoaggregates with peripheric superparamagnetic iron oxide nanoparticles and organic cores through self-assembly of tailor-made block copolymers. <i>RSC Advances</i> , 2014, 4, 24428-24432.	3.6	8
123	Facile synthesis of well-controlled poly(glycidyl methacrylate) and its block copolymers via SARA ATRP at room temperature. <i>Polymer Chemistry</i> , 2015, 6, 1875-1882.	3.9	8
124	Molecular analysis of apoptosis pathway after photodynamic therapy in breast cancer: Animal model study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 152-158.	2.6	8
125	Self-degassing SARA ATRP mediated by Na ₂ S ₂ O ₄ with no external additives. <i>Journal of Polymer Science</i> , 2020, 58, 145-153.	3.8	8
126	Development of red-light cleavable PEG-PLA nanoparticles as delivery systems for cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111354.	5.0	8

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127	Homogeneous polymerization of hydrophobic monomers in a bio-based dl-menthol/1-tetradecanol eutectic mixture by ATRP and RAFT polymerization. <i>Green Chemistry</i> , 2020, 22, 6827-6835.	9.0	8
128	Glycopolymer Brushes by Reversible Deactivation Radical Polymerization: Preparation, Applications, and Future Challenges. <i>Polymers</i> , 2020, 12, 1268.	4.5	8
129	Development of light-degradable poly(urethane-urea) hydrogel films. <i>Materials Science and Engineering C</i> , 2021, 131, 112520.	7.3	8
130	Straightforward functionalization of acrylated soybean oil by Michael-addition and Diels-Alder reactions. <i>Industrial Crops and Products</i> , 2015, 64, 33-38.	5.2	7
131	Addressing the role of triphenylphosphine in copper catalyzed ATRP. <i>Polymer Chemistry</i> , 2018, 9, 5348-5358.	3.9	7
132	L-menthol and thymol eutectic mixture as a bio-based solvent for the one-pot-synthesis of well-defined amphiphilic block copolymers by ATRP. <i>Polymer</i> , 2022, 242, 124586.	3.8	7
133	3-Hydroxybenzaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 1348-1350.	0.4	6
134	Increasing the Bile Acid Sequestration Performance of Cationic Hydrogels by Using an Advanced/Controlled Polymerization Technique. <i>Pharmaceutical Research</i> , 2017, 34, 1934-1943.	3.5	6
135	Glycidyl methacrylate-based copolymers as new compatibilizers for polypropylene/ polyethylene terephthalate blends. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
136	Dual electrochemical and chemical control in atom transfer radical polymerization with copper electrodes. <i>Chemical Science</i> , 2022, 13, 6008-6018.	7.4	6
137	Influence of feeding regimens on rat gut fluids and colonic metabolism of diclofenac- β -cyclodextrin. <i>Carbohydrate Polymers</i> , 2014, 112, 758-764.	10.2	5
138	Evaluation of a ^{99m}Tc -labelled <i>meso</i> -bisphenylporphyrin as a tumour image agent. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 141-147.	1.0	5
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