

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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all docs

160
docs citations

160
times ranked

5725
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of nonmigratory flexible poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Functional Polymers, 2022, 170, 105138.	4.1	4
2	Expanding the use of affordable CuSO ₄ ·5H ₂ O in ATRP techniques in homogeneous media. Polymer, 2022, 241, 124526.	3.8	4
3	Tosyl iodide " a new initiator for the photo-controlled iodine transfer polymerization of methacrylates under sunlight irradiation. Polymer Chemistry, 2022, 13, 929-936.	3.9	1
4	Fabrication of 3D scaffolds based on fully biobased unsaturated polyester resins by microstereo-lithography. Biomedical Materials (Bristol), 2022, 17, 025010.	3.3	1
5	L-menthol and thymol eutectic mixture as a bio-based solvent for the "one-pot" synthesis of well-defined amphiphilic block copolymers by ATRP. Polymer, 2022, 242, 124586.	3.8	7
6	Efficient dispersion of TiO ₂ in water-based paint formulation using well-defined poly[oligo(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	10
7	Dual electrochemical and chemical control in atom transfer radical polymerization with copper electrodes. Chemical Science, 2022, 13, 6008-6018.	7.4	6
8	Catalytic Halogen Exchange in Supplementary Activator and Reducing Agent Atom Transfer Radical Polymerization for the Synthesis of Block Copolymers. Macromolecular Rapid Communications, 2021, 42, e2000532.	3.9	3
9	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. Journal of Polymer Science, 2021, 59, 211-229.	3.8	21
10	Light-Activated Antimicrobial Surfaces Using Industrial Varnish Formulations to Mitigate the Incidence of Nosocomial Infections. ACS Applied Materials & Interfaces, 2021, 13, 7567-7579.	8.0	15
11	Passivation of the TiO ₂ Surface and Promotion of N719 Dye Anchoring with Poly(4-vinylpyridine) for Efficient and Stable Dye-Sensitized Solar Cells. ACS Sustainable Chemistry and Engineering, 2021, 9, 5981-5990.	6.7	14
12	Synthesis and characterization of biobased polyester <scp>PVC</scp> plasticizers to industrial manufacturing of tubes. Journal of Applied Polymer Science, 2021, 138, 50941.	2.6	9
13	Process Development for Flexible Films of Industrial Cellulose Pulp Using Superbase Ionic Liquids. Polymers, 2021, 13, 1767.	4.5	5
14	Vinyl Polymer-based technologies towards the efficient delivery of chemotherapeutic drugs. Progress in Polymer Science, 2021, 121, 101432.	24.7	14
15	Development of electrospun mats based on hydrophobic hydroxypropyl cellulose derivatives. Materials Science and Engineering C, 2021, 131, 112498.	7.3	13
16	Development of light-degradable poly(urethane-urea) hydrogel films. Materials Science and Engineering C, 2021, 131, 112520.	7.3	8
17	Self-degassing SARA ATRP mediated by Na ₂ S ₂ O ₄ with no external additives. Journal of Polymer Science, 2020, 58, 145-153.	3.8	8
18	Use of recycled polypropylene/poly(ethylene terephthalate) blends to manufacture water pipes: An industrial scale study. Waste Management, 2020, 101, 250-258.	7.4	34

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19	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	0
20	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
21	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
22	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
23	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
24	The Impact of the Addition of Compatibilizers on Poly (lactic acid) (PLA) Properties after Extrusion Process. <i>Polymers</i> , 2020, 12, 2688.	4.5	1
25	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
26	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
27	Under pressure: electrochemically-mediated atom transfer radical polymerization of vinyl chloride. <i>Polymer Chemistry</i> , 2020, 11, 6745-6762.	3.9	11
28	Glycopolymer Brushes by Reversible Deactivation Radical Polymerization: Preparation, Applications, and Future Challenges. <i>Polymers</i> , 2020, 12, 1268.	4.5	8
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	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. <i>Polymers</i> , 2020, 12, 1478.	4.5	9
31	End-capped biobased saturated polyesters as effective plasticizers for PVC. <i>Polymer Testing</i> , 2020, 85, 106406.	4.8	18
32	Calcium Phosphate Ceramics Can Prevent Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , 2020, 13, 1955.	2.9	9
33	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
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	Guanidine as inexpensive dual function ligand and reducing agent for ATRP of methacrylates. <i>Polymer Chemistry</i> , 2019, 10, 4944-4953.	3.9	9
36	Liquid salts as eco-friendly solvents for atom transfer radical polymerization: a review. <i>Polymer Chemistry</i> , 2019, 10, 4904-4913.	3.9	15

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37	Soft Bioelectronic Stickers: Selection and Evaluation of Skin-Interfacing Electrodes. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900234.	7.6	77
38	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
39	The impact of the introduction of hydrolyzed cellulose on the thermal and mechanical properties of LDPE composites. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 1095-1106.	2.9	4
40	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
41	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
42	Synthetic Calcium Phosphate Ceramics as a Potential Treatment for Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , 2019, 12, 1840.	2.9	14
43	Glycidyl methacrylate-based copolymers as new compatibilizers for polypropylene/ polyethylene terephthalate blends. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
44	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
45	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
46	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
47	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
48	The influence of using sodium dithionite as SARA agent in miniemulsion ATRP. <i>Journal of Polymer Science Part A</i> , 2018, 56, 879-888.	2.3	2
49	A new therapeutic proposal for inoperable osteosarcoma: Photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 79-85.	2.6	14
50	Addressing the role of triphenylphosphine in copper catalyzed ATRP. <i>Polymer Chemistry</i> , 2018, 9, 5348-5358.	3.9	7
51	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
52	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
53	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
54	Towards the development of electrospun mats from poly(μ -caprolactone)/poly(ester amide)s miscible blends. <i>Polymer</i> , 2018, 150, 343-359.	3.8	4

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55	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
56	Reversible Deactivation Radical Polymerization of Vinyl Chloride. <i>ACS Symposium Series</i> , 2018, , 227-261.	0.5	4
57	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
58	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
59	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
60	Efficient dispersion of TiO ₂ using tailor made poly(acrylic acid) α^{ω} based block copolymers, and its incorporation in water based paint formulation. <i>Progress in Organic Coatings</i> , 2017, 104, 34-42.	3.9	29
61	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
62	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
63	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
64	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
65	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
66	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
67	High transfection efficiency promoted by tailor-made cationic tri-block copolymer-based nanoparticles. <i>Acta Biomaterialia</i> , 2017, 47, 113-123.	8.3	29
68	Aqueous SARA ATRP using inorganic sulfites. <i>Polymer Chemistry</i> , 2017, 8, 375-387.	3.9	45
69	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
70	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
71	Recent Developments in Antimicrobial Polymers: A Review. <i>Materials</i> , 2016, 9, 599.	2.9	153
72	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

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73	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
74	Dynamic Mechanical Thermal Analysis of Polymer Composites Reinforced with Natural Fibers. <i>Polymer Reviews</i> , 2016, 56, 362-383.	10.9	70
75	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
76	Peripheral Nerve Regeneration: Current Status and New Strategies Using Polymeric Materials. <i>Advanced Healthcare Materials</i> , 2016, 5, 2732-2744.	7.6	79
77	Synthesis and characterization of new temperature-responsive nanocarriers based on POEOMA- b -PNVCL prepared using a combination of ATRP, RAFT and CuAAC. <i>European Polymer Journal</i> , 2016, 81, 224-238.	5.4	12
78	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
79	Nitroxide-Mediated Polymerization of Vinyl Chloride at Low Temperature: Kinetic and Computational Studies. <i>Macromolecules</i> , 2016, 49, 490-498.	4.8	34
80	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
81	Soybean and coconut oil based unsaturated polyester resins: Thermomechanical characterization. <i>Industrial Crops and Products</i> , 2016, 85, 403-411.	5.2	30
82	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
83	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
84	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
85	New unsaturated copolyesters based on 2,5-furandicarboxylic acid and their crosslinked derivatives. <i>Polymer Chemistry</i> , 2016, 7, 1049-1058.	3.9	60
86	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
87	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
88	Supported Catalysis in Carbon Dioxide Activation. <i>Current Green Chemistry</i> , 2015, 2, 43-65.	1.1	5
89	Retinoblastoma: might photodynamic therapy be an option?. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 563-573.	5.9	19
90	Ambient Temperature Cu^{II} -SARA ATRP of Methyl Acrylate in Water/Ionic Liquid/Glycol Mixtures. <i>Macromolecules</i> , 2015, 48, 6810-6815.	4.8	24

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91	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
92	Synthesis of functionalized poly(vinyl acetate) mediated by alkyne-terminated RAFT agents. <i>RSC Advances</i> , 2015, 5, 91225-91234.	3.6	23
93	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
94	Bioabsorbable polymers in cancer therapy: latest developments. <i>EPMA Journal</i> , 2015, 6, 22.	6.1	47
95	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
96	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
97	Novel Cationic Triblock Copolymer of Poly[2-(dimethylamino)ethyl methacrylate]- <i>block</i> -poly(β -amino ester)- <i>block</i> -poly[2-(dimethylamino)ethyl methacrylate]: A Promising Non-Viral Gene Delivery System. <i>Macromolecular Bioscience</i> , 2015, 15, 215-228.	4.1	17
98	Bisphosphonate-related osteonecrosis of the jaw: specificities. <i>Oncology Reviews</i> , 2014, 8, 254.	1.8	36
99	Efficient RAFT polymerization of N-(3-aminopropyl)methacrylamide hydrochloride using unprotected α -clickable-chain transfer agents. <i>Reactive and Functional Polymers</i> , 2014, 81, 1-7.	4.1	12
100	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
101	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
102	The quest for sustainable polyesters – insights into the future. <i>Polymer Chemistry</i> , 2014, 5, 3119-3141.	3.9	438
103	3D printing of new biobased unsaturated polyesters by microstereo-thermal-lithography. <i>Biofabrication</i> , 2014, 6, 035024.	7.1	29
104	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
105	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
106	Stabilization of nano-TiO ₂ aqueous dispersions with poly(ethylene glycol)- <i>b</i> -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
107	Poly(ethylene glycol)- <i>block</i> -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
108	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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109	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
110	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
111	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
112	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
113	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
114	Synthesis of bifunctional cyclic carbonates from CO ₂ catalysed by choline-based systems. <i>Tetrahedron Letters</i> , 2013, 54, 5518-5522.	1.4	39
115	Functionalization of dipyrromethanes via hetero-Diels-Alder reaction with azo- and nitrosoalkenes. <i>Tetrahedron Letters</i> , 2013, 54, 1553-1557.	1.4	19
116	Efficient Solar Photooxygenation with Supported Porphyrins as Catalysts. <i>ChemCatChem</i> , 2013, 5, 134-137.	3.7	16
117	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
118	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
119	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
120	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
121	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
122	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
123	Novel poly(ester amide)s from glycine and L-lactic acid by an easy and cost-effective synthesis. <i>Polymer International</i> , 2013, 62, 736-743.	3.1	13
124	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
125	Reversible Addition-Fragmentation Chain Transfer Polymerization of Vinyl Chloride. <i>Macromolecules</i> , 2012, 45, 2200-2208.	4.8	61
126	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

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127	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
128	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
129	A Nonionic Porphyrin as a Noninterfering DNA Antibacterial Agent. <i>Photochemistry and Photobiology</i> , 2011, 87, 1395-1404.	2.5	4
130	[8+2] Cycloaddition of meso-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
131	Silica grafted polyethylenimine as heterogeneous catalyst for condensation reactions. <i>Applied Catalysis A: General</i> , 2011, 399, 126-133.	4.3	27
132	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
133	Mild oxygen activation with isobutyraldehyde promoted by simple salts. <i>Tetrahedron Letters</i> , 2011, 52, 3489-3491.	1.4	20
134	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
135	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
136	Synthesis and biological evaluation of new naphthoquinone-containing pyrrolo-thiazoles as anticancer agents. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 960-966.	2.6	2
137	Covalently immobilized porphyrins on silica modified structures as photooxidation catalysts. <i>Journal of Molecular Catalysis A</i> , 2010, 326, 121-127.	4.8	33
138	Controlled porphyrinogen oxidation for the selective synthesis of meso-tetraarylchlorins. <i>Tetrahedron Letters</i> , 2010, 51, 4192-4194.	1.4	12
139	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
140	Photodynamic therapy on bladder cancer cells: further studies on the performance of Coimbra sensitizers. , 2010, , .		0
141	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
142	State of Research Tracks and Property Protection of Photodynamic Sensitizers and Delivery Methodologies. <i>Recent Patents on Chemical Engineering</i> , 2010, 2, 98-122.	0.5	1
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