

Pawel Kryś

List of Publications by Year in descending order

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25
papers

1,854
citations

331259

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552369

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27
docs citations

27
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Poor Solvents Improve Yield of Grafting-Through Radical Polymerization of OEO ₁₉ MA. ACS Macro Letters, 2020, 9, 674-679.	2.3	10
2	Kinetics of Atom Transfer Radical Polymerization. European Polymer Journal, 2017, 89, 482-523.	2.6	200
3	Activation of alkyl halides at the Cu ⁰ surface in SARA ATRP: An assessment of reaction order and surface mechanisms. Journal of Polymer Science Part A, 2017, 55, 3048-3057.	2.5	12
4	Synthesis of Well-Defined Polymer Brushes from Silicon Wafers via Surface-Initiated ATRP. Macromolecular Chemistry and Physics, 2017, 218, 1700106.	1.1	39
5	Synthesis of Nanoparticle Copolymer Brushes via Surface-Initiated ATRP. Macromolecules, 2017, 50, 4151-4159.	2.2	62
6	Heterografted Molecular Brushes as Stabilizers for Water-in-Oil Emulsions. Macromolecules, 2017, 50, 2942-2950.	2.2	71
7	Disproportionation or Combination? The Termination of Acrylate Radicals in ATRP. Macromolecules, 2017, 50, 7920-7929.	2.2	75
8	Mechanism of supplemental activator and reducing agent atom transfer radical polymerization mediated by inorganic sulfites: experimental measurements and kinetic simulations. Polymer Chemistry, 2017, 8, 6506-6519.	1.9	25
9	Radical Generation and Termination in SARA ATRP of Methyl Acrylate: Effect of Solvent, Ligand, and Chain Length. Macromolecules, 2016, 49, 2977-2984.	2.2	45
10	The Borderline between Simultaneous Reverse and Normal Initiation and Initiators for Continuous Activator Regeneration ATRP. Macromolecules, 2016, 49, 7793-7803.	2.2	28
11	Effect of Ligand Structure on the Cu ^{II} OMRP Dormant Species and Its Consequences for Catalytic Radical Termination in ATRP. Macromolecules, 2016, 49, 7749-7757.	2.2	68
12	Aqueous RAFT Polymerization of Acrylonitrile. Macromolecules, 2016, 49, 5877-5883.	2.2	27
13	Relation between Overall Rate of ATRP and Rates of Activation of Dormant Species. Macromolecules, 2016, 49, 2467-2476.	2.2	30
14	PEO-b-PNIPAM copolymers via SARA ATRP and eATRP in aqueous media. Polymer, 2015, 71, 143-147.	1.8	84
15	Synthesis of Poly(OEOMA) Using Macromonomers via Grafting-Through ATRP. Macromolecules, 2015, 48, 6385-6395.	2.2	57
16	Model Studies of Alkyl Halide Activation and Comproportionation Relevant to RDRP in the Presence of Cu ⁰ . Macromolecules, 2015, 48, 8428-8436.	2.2	20
17	Aqueous RDRP in the Presence of Cu ⁰ : The Exceptional Activity of Cu ^I Confirms the SARA ATRP Mechanism. Macromolecules, 2014, 47, 560-570.	2.2	187
18	Explaining Unexpected Data via Competitive Equilibria and Processes in Radical Reactions with Reversible Deactivation. Accounts of Chemical Research, 2014, 47, 3028-3036.	7.6	40

#	ARTICLE	IF	CITATIONS
19	SARA ATRP or SET-LRP. End of controversy?. Polymer Chemistry, 2014, 5, 4409.	1.9	266
20	Encapsulation of ammonium molybdophosphate and zirconium phosphate in alginate matrix for the sorption of rubidium(I). Journal of Colloid and Interface Science, 2013, 409, 141-150.	5.0	33
21	Reversible-Deactivation Radical Polymerization of Methyl Methacrylate and Styrene Mediated by Alkyl Dithiocarbamates and Copper Acetylacetonates. Macromolecules, 2013, 46, 5512-5519.	2.2	22
22	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. A Critical Assessment of the SARA ATRP and SET-LRP Mechanisms. Macromolecules, 2013, 46, 8749-8772.	2.2	276
23	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. Kinetic Simulation. Macromolecules, 2013, 46, 3816-3827.	2.2	83
24	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. Activation of Alkyl Halides by Cu ⁰ . Macromolecules, 2013, 46, 3803-3815.	2.2	81
25	Hybrid macroporous Pd catalytic discs for 4-nitroaniline hydrogenation: Contribution of the alginate-tetraalkylphosphonium ionic liquid support. Journal of Organometallic Chemistry, 2013, 723, 90-97.	0.8	12