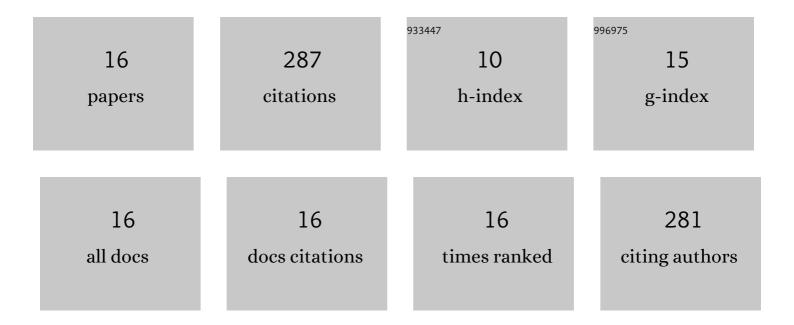
Nethmi De Alwis Watuthanthrige

List of Publications by Year in descending order

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Nethmi De Alwis

#	Article	IF	CITATIONS
1	A general model for the ideal chain length distributions of polymers made with reversible deactivation. Polymer Chemistry, 2022, 13, 898-913.	3.9	6
2	Tuning Dual-Dynamic Network Materials through Polymer Architectural Features. ACS Applied Polymer Materials, 2022, 4, 1475-1486.	4.4	17
3	Interpenetrated triple network polymers: synergies of three different dynamic bonds. Polymer Chemistry, 2022, 13, 3705-3712.	3.9	5
4	Designing Dynamic Materials from Dynamic Bonds to Macromolecular Architecture. Trends in Chemistry, 2021, 3, 231-247.	8.5	36
5	Simple polymerization through oxygen at reduced volumes using oil and water. Journal of Polymer Science, 2021, 59, 2530.	3.8	10
6	Effect of structural transitions of n-hexadecane in nanoscale confinement on atomic friction. Carbon, 2021, 183, 428-437.	10.3	4
7	Tuning the molecular weight distributions of vinylketone-based polymers using RAFT photopolymerization and UV photodegradation. Polymer Chemistry, 2021, 12, 6761-6770.	3.9	11
8	Substituent effects in iniferter photopolymerization: can bond homolysis be enhanced by electronics?. Polymer Chemistry, 2020, 11, 6129-6133.	3.9	12
9	Wavelength-Controlled Synthesis and Degradation of Thermoplastic Elastomers Based on Intrinsically Photoresponsive Phenyl Vinyl Ketone. Macromolecules, 2020, 53, 5199-5207.	4.8	18
10	Accelerating dynamic exchange and self-healing using mechanical forces in crosslinked polymers. Materials Horizons, 2020, 7, 1581-1587.	12.2	32
11	Controlling polymer architecture to design dynamic network materials with multiple dynamic linkers. Molecular Systems Design and Engineering, 2020, 5, 1267-1276.	3.4	8
12	Inâ€situ Chemiluminescenceâ€Driven Reversible Addition–Fragmentation Chainâ€Transfer Photopolymerization. Angewandte Chemie - International Edition, 2019, 58, 11826-11829.	13.8	18
13	Intrinsic and Catalyzed Photochemistry of Phenylvinylketone for Wavelengthâ€Sensitive Controlled Polymerization. ChemPhotoChem, 2019, 3, 1171-1179.	3.0	19
14	How Do Reaction and Reactor Conditions Affect Photoinduced Electron/Energy Transfer Reversible Addition–Fragmentation Transfer Polymerization?. Industrial & Engineering Chemistry Research, 2018, 57, 4203-4213.	3.7	52
15	Photolabile protecting groups: a strategy for making primary amine polymers by RAFT. Polymer Chemistry, 2018, 9, 1557-1561.	3.9	15
16	Complementary Dynamic Chemistries for Multifunctional Polymeric Materials. Advanced Functional Materials, 0, , 2108431.	14.9	24