

# Sofia Telitel

## List of Publications by Year in descending order

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28  
papers

1,661  
citations

304743

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477307

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docs citations

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times ranked

1006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaromatic Structures as Organo-Photoinitiator Catalysts for Efficient Visible Light Induced Dual Radical/Cationic Photopolymerization and Interpenetrated Polymer Networks Synthesis. <i>Macromolecules</i> , 2012, 45, 4454-4460.	4.8	144
2	Photopolymerization of <i>N</i> -Vinylcarbazole Using Visible-Light Harvesting Iridium Complexes as Photoinitiators. <i>Macromolecules</i> , 2012, 45, 4134-4141.	4.8	133
3	<i>N</i> -Vinylcarbazole: An Additive for Free Radical Promoted Cationic Polymerization upon Visible Light. <i>ACS Macro Letters</i> , 2012, 1, 802-806.	4.8	129
4	Iridium complexes incorporating coumarin moiety as catalyst photoinitiators: Towards household green LED bulb and halogen lamp irradiation. <i>Polymer</i> , 2012, 53, 2803-2808.	3.8	94
5	Metal and metal-free photocatalysts: mechanistic approach and application as photoinitiators of photopolymerization. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 863-876.	2.2	87
6	Photoredox catalysis using a new iridium complex as an efficient toolbox for radical, cationic and controlled polymerizations under soft blue to green lights. <i>Polymer Chemistry</i> , 2015, 6, 613-624.	3.9	87
7	N-Heterocyclic Carbene Boranes Accelerate Type I Radical Photopolymerizations and Overcome Oxygen Inhibition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5958-5961.	13.8	85
8	A dinuclear gold(II) complex as a novel photoredox catalyst for light-induced atom transfer radical polymerization. <i>Polymer Chemistry</i> , 2015, 6, 4605-4611.	3.9	85
9	Zinc-based metal complexes as new photocatalysts in polymerization initiating systems. <i>European Polymer Journal</i> , 2013, 49, 1040-1049.	5.4	78
10	Photopolymerization of Cationic Monomers and Acrylate/Divinylether Blends under Visible Light Using Pyrromethene Dyes. <i>Macromolecules</i> , 2012, 45, 6864-6868.	4.8	75
11	Soft Photopolymerizations Initiated by Dye-Sensitized Formation of NHC-Boryl Radicals under Visible Light. <i>Macromolecules</i> , 2013, 46, 43-48.	4.8	72
12	Iron complexes as potential photocatalysts for controlled radical photopolymerizations: A tool for modifications and patterning of surfaces. <i>Journal of Polymer Science Part A</i> , 2016, 54, 702-713.	2.3	71
13	New core-pyrene $\pi$ structure organophotocatalysts usable as highly efficient photoinitiators. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 877-890.	2.2	59
14	Formation of N-Heterocyclic Carbene-Boryl Radicals through Electrochemical and Photochemical Cleavage of the C-S bond in N-Heterocyclic Carbene-Boryl Sulfides. <i>Journal of the American Chemical Society</i> , 2013, 135, 16938-16947.	13.7	57
15	Photoinitiating systems of polymerization and in situ incorporation of metal nanoparticles into polymer matrices upon exposure to visible light: push-pull malonate and malononitrile based dyes. <i>Polymer Chemistry</i> , 2013, 4, 5679.	3.9	55
16	Model-Based Design To Push the Boundaries of Sequence Control. <i>Macromolecules</i> , 2016, 49, 9336-9344.	4.8	51
17	BODIPY derivatives and boranil as new photoinitiating systems of cationic polymerization exhibiting a tunable absorption in the 400-600 nm spectral range. <i>Polymer</i> , 2013, 54, 2071-2076.	3.8	48
18	Photoredox process induced polymerization reactions: Iridium complexes for panchromatic photoinitiating systems. <i>Comptes Rendus Chimie</i> , 2016, 19, 71-78.	0.5	46

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19	Novel polymer synthesis methodologies using combinations of thermally- and photochemically-induced nitroxide mediated polymerization. <i>Polymer Chemistry</i> , 2015, 6, 754-763.	3.9	44
20	The 1,3-bis(dicyanomethylidene)indane skeleton as a (photo) initiator in thermal ring opening polymerization at RT and radical or cationic photopolymerization. <i>RSC Advances</i> , 2014, 4, 15930.	3.6	32
21	UV-Induced Micropatterning of Complex Functional Surfaces by Photopolymerization Controlled by Alkoxyamines. <i>Langmuir</i> , 2015, 31, 10026-10036.	3.5	27
22	Nitroxide Mediated Photopolymerization: A Versatile Tool for the Fabrication of Complex Multilayer Polyfunctional Copolymer Nanostructures. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400067.	3.7	25
23	Negative mode MS/MS to read digital information encoded in sequence-defined oligo(urethane)s: A mechanistic study. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 271-278.	1.5	17
24	Influence of Electronic Effects on the Reactivity of Triazolylidene- <i>o</i> -Boryl Radicals: Consequences for the use of N-heterocyclic Carbene Boranes in Organic and Polymer Synthesis. <i>Chemistry - A European Journal</i> , 2015, 21, 13772-13777.	3.3	12
25	Thiophene Derivatives with Donor- <i>π</i> -Acceptor Structures for Enhanced Light-Absorption Properties and Efficient Cationic Polymerization upon Green-Light Irradiation. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1514-1524.	2.2	11
26	Sequence-coded ATRP macroinitiators. <i>Polymer Chemistry</i> , 2017, 8, 4988-4991.	3.9	9
27	Promoting carboxylate salts in the ESI source to simplify positive mode MS/MS sequencing of acid-terminated encoded polyurethanes. <i>International Journal of Mass Spectrometry</i> , 2020, 448, 116271.	1.5	5
28	Reactivity of B-xanthyl N-heterocyclic Carbene Boranes. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900198.	1.6	3