

Marco Sangermano

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

322
papers

7,186
citations

42
h-index

62
g-index

335
ext. papers

8,071
ext. citations

4
avg, IF

6.25
L-index

#	Paper	IF	Citations
322	Microwave-assisted methacrylation of chitosan for 3D printable hydrogels in tissue engineering. <i>Materials Advances</i> , 2022 , 3, 514-525	3.3	1
321	Photoinduced hydrosilylation through hydrogen abstraction: an NMR and computational study of the structural effect of silane.. <i>RSC Advances</i> , 2022 , 12, 8458-8465	3.7	
320	DLP-printable fully biobased soybean oil composites. <i>Polymer</i> , 2022 , 247, 124779	3.9	4
319	Visible light-induced crosslinking of unmodified gelatin with PEGDA for DLP-3D printable hydrogels. <i>European Polymer Journal</i> , 2021 , 160, 110813	5.2	2
318	From polysaccharides to UV-curable biorenewable organo/hydrogels for methylene blue removal. <i>Polymer</i> , 2021 , 235, 124257	3.9	1
317	New UV-Curable Anticorrosion Coatings from Vegetable Oils. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2100029	3.9	9
316	Photocurable Ell-lignocellulose-derived hydrogel nanocomposites for adsorption of cationic contaminants. <i>Sustainable Materials and Technologies</i> , 2021 , 27, e00243	5.3	2
315	Photo-polymerization for additive manufacturing of composite solid propellants. <i>Acta Astronautica</i> , 2021 , 182, 58-65	2.9	2
314	UV-curable waterborne polyurethane coatings: A state-of-the-art and recent advances review. <i>Progress in Organic Coatings</i> , 2021 , 154, 106156	4.8	15
313	UV-Curable Bio-Based Polymers Derived from Industrial Pulp and Paper Processes. <i>Polymers</i> , 2021 , 13,	4.5	7
312	DLP 3D printing of shape memory polymers stabilized by thermoreversible hydrogen bonding interactions. <i>Applied Materials Today</i> , 2021 , 23, 101060	6.6	3
311	Investigation of the Thermal Conductivity of Silicon-Base Composites: The Effect of Filler Materials and Characteristic on Thermo-Mechanical Response of Silicon Composite. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5663	2.6	5
310	Bio-based monomers for UV-curable coatings: allylation of ferulic acid and investigation of photocured thiol-ene network. <i>Progress in Organic Coatings</i> , 2021 , 150, 105986	4.8	7
309	Radical photoinduced cationic frontal polymerization in porous media. <i>Polymer International</i> , 2021 , 70, 269-276	3.3	3
308	Nanoprobes to investigate nonspecific interactions in lipid bilayers: from defect-mediated adhesion to membrane disruption. <i>Nanoscale Advances</i> , 2021 , 3, 4979-4989	5.1	
307	3D Printing of PDMS-Like Polymer Nanocomposites with Enhanced Thermal Conductivity: Boron Nitride Based Photocuring System. <i>Nanomaterials</i> , 2021 , 11,	5.4	17
306	Study on the joining of ceramic matrix composites to an Al alloy for advanced brake systems. <i>Ceramics International</i> , 2021 , 47, 23463-23473	5.1	2

305	Fully biobased UV-cured thiol-ene coatings. <i>Progress in Organic Coatings</i> , 2021 , 157, 106295	4.8	3
304	The effects of secondary doping on ink-jet printed PEDOT:PSS gas sensors for VOCs and NO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130381	8.5	7
303	Programming the microstructure of magnetic nanocomposites in DLP 3D printing. <i>Additive Manufacturing</i> , 2021 , 47, 102343	6.1	1
302	Effective strategy for UV-mediated grafting of biocidal Ag-MOFs on polymeric membranes aimed at enhanced water ultrafiltration. <i>Chemical Engineering Journal</i> , 2021 , 426, 130704	14.7	13
301	Hybrid silica micro-particles with light-responsive surface properties and Janus-like character. <i>Polymer Chemistry</i> , 2021 , 12, 3925-3938	4.9	1
300	UV-Cured Biodegradable Methacrylated Starch-Based Coatings. <i>Coatings</i> , 2021 , 11, 127	2.9	1
299	Chitosan-Functionalized Recycled Polyethylene Terephthalate Nanofibrous Membrane for Sustainable On-Demand Oil-Water Separation. <i>Global Challenges</i> , 2021 , 5, 2000107	4.3	9
298	Cationic UV Curing of Bioderived Epoxy Furan-Based Coatings: Tailoring the Final Properties by In Situ Formation of Hybrid Network and Addition of Monofunctional Monomer. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 17403-17412	8.3	3
297	Improved antifouling and antibacterial properties of forward osmosis membranes through surface modification with zwitterions and silver-based metal organic frameworks. <i>Journal of Membrane Science</i> , 2020 , 611, 118352	9.6	41
296	Synthesis of Cyclodextrin substituted bis(acyl)phosphane oxide derivative (BAPO-ECyD) serving as multiple photoinitiator and crosslinking agent. <i>Chemical Communications</i> , 2020 , 56, 4828-4831	5.8	5
295	Light Processable Starch Hydrogels. <i>Polymers</i> , 2020 , 12,	4.5	21
294	Recent Trends in Applying Ortho-Nitrobenzyl Esters for the Design of Photo-Responsive Polymer Networks. <i>Materials</i> , 2020 , 13,	3.5	16
293	Dual-curable stereolithography resins for superior thermomechanical properties. <i>EXPRESS Polymer Letters</i> , 2020 , 14, 881-894	3.4	13
292	Photocurable chitosan as bioink for cellularized therapies towards personalized scaffold architecture. <i>Bioprinting</i> , 2020 , 18, e00082	7	36
291	Etching of Carbon Fiber-Reinforced Plastics to Increase Their Joint Strength. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 242-250	1.6	
290	Cationic UV-curing of epoxidized cardanol derivatives. <i>Polymer International</i> , 2020 , 69, 668-674	3.3	10
289	Tailoring the Biocidal Activity of Novel Silver-Based Metal Azolate Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7588-7599	8.3	23
288	Cationic UV-Curing of Epoxidized Biobased Resins. <i>Polymers</i> , 2020 , 13,	4.5	27

287	Recent advances in functionalized polymer membranes for biofouling control and mitigation in forward osmosis. <i>Journal of Membrane Science</i> , 2020 , 596, 117604	9.6	78
286	In Situ Ag-MOF Growth on Pre-Grafted Zwitterions Imparts Outstanding Antifouling Properties to Forward Osmosis Membranes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 36287-36300	9.5	32
285	Dual In-Situ Water Diffusion Monitoring of GFRPs based on Optical Fibres and CNTs. <i>Journal of Composites Science</i> , 2020 , 4, 97	3	0
284	Multiacrylated Cyclodextrin: A Bio-Derived Photocurable Macromer for VAT 3D Printing. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000350	3.9	10
283	DLP 3D Printing Meets Lignocellulosic Biopolymers: Carboxymethyl Cellulose Inks for 3D Biocompatible Hydrogels. <i>Polymers</i> , 2020 , 12,	4.5	24
282	Review on UV-Induced Cationic Frontal Polymerization of Epoxy Monomers. <i>Polymers</i> , 2020 , 12,	4.5	23
281	Hot-Lithography SLA-3D Printing of Epoxy Resin. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000325	3.9	11
280	Sustainable access to fully biobased epoxidized vegetable oil thermoset materials prepared by thermal or UV-cationic processes.. <i>RSC Advances</i> , 2020 , 10, 41954-41966	3.7	13
279	Laser-Triggered Writing and Biofunctionalization of Thiol-Ene Networks. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000084	4.8	4
278	3D-Printing of High- η Thiol-Ene Resins with Spiro-Orthoesters as Anti-Shrinkage Additive. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1900515	3.9	6
277	Dual-Cure Coatings: Spiroorthoesters as Volume-Controlling Additives in Thiol-Ene Reactions. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800627	3.9	4
276	Facile Cu-BTC surface modification of thin chitosan film coated polyethersulfone membranes with improved antifouling properties for sustainable removal of manganese. <i>Journal of Membrane Science</i> , 2019 , 588, 117200	9.6	45
275	Photoinduced cationic frontal polymerization of epoxy-carbon fibre composites. <i>Polymer International</i> , 2019 , 68, 1662-1665	3.3	19
274	Photocrosslinked Chitosan Hydrogels Reinforced with Chitosan-Derived Nano-Graphene Oxide. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900174	2.6	13
273	Cationic photopolymerization of bio-renewable epoxidized monomers. <i>Progress in Organic Coatings</i> , 2019 , 133, 131-138	4.8	36
272	Exposure of Glass Fiber Reinforced Polymer Composites in Seawater and the Effect on Their Physical Performance. <i>Materials</i> , 2019 , 12,	3.5	7
271	Optical Fiber Sensors for the Detection of Hydrochloric Acid and Sea Water in Epoxy and Glass Fiber-Reinforced Polymer Composites. <i>Materials</i> , 2019 , 12,	3.5	4
270	3D Printing of Magneto-responsive Polymeric Materials with Tunable Mechanical and Magnetic Properties by Digital Light Processing. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900505	6.8	44

269	Light induced grafting-from strategies as powerfull tool for surface modification. <i>EXPRESS Polymer Letters</i> , 2019 , 13, 135-145	3.4	16
268	Recent Advances in Cationic Photopolymerization. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2019 , 32, 233-236	0.7	10
267	Mechanical behavior of macadamia nutshells. <i>Procedia Structural Integrity</i> , 2019 , 24, 829-836	1	4
266	Gelatin Type A from Porcine Skin Used as Co-Initiator in a Radical Photo-Initiating System. <i>Polymers</i> , 2019 , 11,	4.5	4
265	Photoinduced chitosan-PEG hydrogels with long-term antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6526-6538	7.3	19
264	A molecular dynamics approach to nanostructuring of particles produced via aerosol cationic photopolymerization. <i>Chemical Engineering Science</i> , 2019 , 195, 1021-1027	4.4	4
263	A Flexible, Highly Sensitive, and Selective Chemiresistive Gas Sensor Obtained by In Situ Photopolymerization of an Acrylic Resin in the Presence of MWCNTs. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800453	3.9	9
262	UV-activated frontal polymerization of glass fibre reinforced epoxy composites. <i>Composites Part B: Engineering</i> , 2018 , 143, 168-171	10	35
261	Polymeric nanocapsules via interfacial cationic photopolymerization in miniemulsion. <i>Polymer</i> , 2018 , 139, 155-162	3.9	18
260	Inclusion complexes dispersed in polystyrene-based labels for fruit ripening on demand. <i>International Journal of Food Science and Technology</i> , 2018 , 53, 389-394	3.8	8
259	Enabling the synthesis of homogeneous or Janus hairy nanoparticles through surface photoactivation. <i>Nanoscale</i> , 2018 , 10, 14492-14498	7.7	10
258	Development of New Hybrid Acrylic/Epoxy DLP-3D Printable Materials. <i>Inventions</i> , 2018 , 3, 29	2.9	22
257	New Horizons in Cationic Photopolymerization. <i>Polymers</i> , 2018 , 10,	4.5	51
256	Stimuli-responsive thiol-epoxy networks with photo-switchable bulk and surface properties.. <i>RSC Advances</i> , 2018 , 8, 41904-41914	3.7	11
255	Tailoring Thermo-Mechanical Properties of Cationically UV-Cured Systems by a Rational Design of Vinyl Ether Ester Oligomers using Enzyme Catalysis. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800335	2.6	1
254	Maximizing the Degree of Sulfonation of Polysulfone Supports in TFC Membranes for Osmotically Driven Processes. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800384	3.9	7
253	Three-Dimensional Printed Photoluminescent Polymeric Waveguides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39319-39326	9.5	24
252	Towards self-diagnosis composites: Detection of moisture diffusion through epoxy by embedded evanescent wave optical fibre sensors. <i>Polymer Testing</i> , 2018 , 71, 248-254	4.5	11

251	Silver polymer nanocomposites by photoreduction of AgNO ₃ and simultaneous photocrosslinking of the acrylic matrix: effect of PVP on Ag particle formation. <i>Journal of Polymer Engineering</i> , 2018 , 38, 803-809	1.4	3
250	Mechanical and thermal characterization of an epoxy foam as thermal layer insulation for a glass fiber reinforced polymer. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46864	2.9	11
249	Visible Light Induced Cationic Polymerization of Epoxides by Using Multiwalled Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800250	4.8	27
248	Ultrafiltration Membranes Functionalized with Polydopamine with Enhanced Contaminant Removal by Adsorption. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1600481	3.9	19
247	Sequential curing of thiol-acetoacetate-acrylate thermosets by latent Michael addition reactions. <i>Polymer</i> , 2017 , 113, 193-199	3.9	15
246	Photolabile base catalyzed Michael-addition and concomitant in situ graphene oxide reduction to obtain electrically and thermally conductive UV-cured composite. <i>Polymer</i> , 2017 , 108, 251-256	3.9	9
245	Study of graphene oxide-based 3D printable composites: Effect of the in situ reduction. <i>Composites Part B: Engineering</i> , 2017 , 124, 9-15	10	73
244	Online UV Curing of Electrospun Polysulfone Fibers Containing an Acrylate as Cross-Linker. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700125	2.6	1
243	Advanced Epoxy-Based Anticorrosion Coatings Containing Graphite Oxide. <i>Advanced Structured Materials</i> , 2017 , 135-143	0.6	2
242	Development of 3D printable formulations containing CNT with enhanced electrical properties. <i>Polymer</i> , 2017 , 109, 246-253	3.9	101
241	Light triggered formation of photo-responsive epoxy based networks. <i>Polymer</i> , 2017 , 109, 349-357	3.9	17
240	Synthesis of polymeric microcapsules by interfacial-suspension cationic photopolymerisation of divinyl ether monomer in aqueous suspension. <i>Polymer Chemistry</i> , 2017 , 8, 972-975	4.9	11
239	Electrically insulating polymeric nanocomposites with enhanced thermal conductivity by visible-light curing of epoxy/Boron nitride nanotube formulations. <i>Polymer International</i> , 2017 , 66, 1935-1939	3.3	7
238	Fabrication of nanofiltration membranes via stepwise assembly of oligoamide on alumina supports: Effect of number of reaction cycles on membrane properties. <i>Journal of Membrane Science</i> , 2017 , 543, 269-276	9.6	5
237	Development of Low-Shrinkage Polymers by Using Expanding Monomers. <i>Macromolecular Symposia</i> , 2017 , 374, 1600092	0.8	3
236	Fabrication of Janus particles via a photografting-from method and gold photoreduction. <i>Journal of Materials Science</i> , 2017 , 52, 13444-13454	4.3	11
235	UV-Printable and Flexible Humidity Sensors Based on Conducting/Insulating Semi-Interpenetrated Polymer Networks. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700161	3.9	15
234	Eosin-mediated synthesis of polymer coatings combining photodynamic inactivation and antimicrobial properties. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7572-7582	7.3	11

233	Nano-structured polymeric microparticles produced via cationic aerosol photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 346, 364-371	4.7	5
232	Successful UV-Induced RICFP of Epoxy-Composites. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700313	2.6	26
231	Solvent-stable UV-cured acrylic polysulfone membranes. <i>Polymer International</i> , 2017 , 66, 64-69	3.3	11
230	The effect of graphene oxide on UV curing kinetics and properties of SU8 nanocomposites. <i>Polymer International</i> , 2017 , 66, 405-417	3.3	12
229	Improvement of the water-vapor barrier properties of an uv-cured epoxy coating containing graphite oxide nanoplatelets. <i>Progress in Organic Coatings</i> , 2017 , 103, 152-155	4.8	21
228	A Simple Preparation of Photoactive Glass Surfaces Allowing Coatings via the "Grafting-from" Method. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19764-71	9.5	16
227	Synthesis of polymeric nanocapsules by radical UV-activated interface-emulsion polymerization. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 3357-3369	2.5	11
226	Controlled Atmosphere in Food Packaging Using Ethylene-Cyclodextrin Inclusion Complexes Dispersed in Photocured Acrylic Films. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 579-585	3.9	18
225	Thermomechanical Properties and Shape-Memory Behavior of Bisphenol A Diacrylate-Based Shape-Memory Polymers. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 39-50	2.6	7
224	UV-cured silicone composites obtained via hydrosilation and in-situ generation of inorganic particles. <i>Polymer Engineering and Science</i> , 2016 , 56, 3-8	2.3	5
223	Dual step irradiation process for in situ generation and patterning of silver nanoparticles in a photocured film. <i>RSC Advances</i> , 2016 , 6, 14832-14843	3.7	10
222	Polymeric Supports for Controlled Release of Ethylene for Food Industry. <i>International Polymer Processing</i> , 2016 , 31, 570-576	1	7
221	Impressive Rate Raise of the Hydrosilation Reaction Through UV-Activation: Energy and Time Saving. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 610-613	3.9	7
220	Optical Properties of Polymer Nanocomposites 2016 , 139-157		4
219	Large area fabrication of self-standing nanoporous graphene-on-PMMA substrate. <i>Materials Letters</i> , 2016 , 184, 47-51	3.3	10
218	Magnetic Properties of Polymer Nanocomposites 2016 , 119-137		2
217	Hydrophobic Scratch Resistant UV-Cured Epoxy Coating. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 93-98	3.9	4
216	Poly(vinylimidazole) radiografted PVDF nanospheres as alternative binder for high temperature PEMFC electrodes. <i>Journal of Power Sources</i> , 2015 , 296, 117-121	8.9	12

215	Use of graphite oxide and/or thermally reduced graphite oxide for the removal of dyes from water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 312, 88-95	4.7	10
214	In-situ synthesis of organic-inorganic coatings via a photolabile base catalyzed Michael-addition reaction. <i>Polymer</i> , 2015 , 68, 195-201	3.9	17
213	Non-reactive and reactive block copolymers for toughening of UV-cured epoxy coating. <i>Progress in Organic Coatings</i> , 2015 , 85, 178-188	4.8	11
212	In Situ Synthesis of Polymer Embedded Silver Nanoparticles via Photopolymerization. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 226-233	3.9	32
211	Visible light-activated hydrosilation reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 303-304, 86-90	4.7	7
210	Environmentally-friendly processing of thermosets by two-stage sequential aza-Michael addition and free-radical polymerization of amine-acrylate mixtures. <i>Polymer Chemistry</i> , 2015 , 6, 6987-6997	4.9	61
209	Synthesis, preparation and characterization of UV-cured methacrylated polysulfone-based membranes. <i>Materials Today Communications</i> , 2015 , 5, 64-69	2.5	5
208	Enhancement of electrical and thermal conductivity of Su-8 photocrosslinked coatings containing graphene. <i>Progress in Organic Coatings</i> , 2015 , 86, 143-146	4.8	21
207	Gold-functionalized graphene as conductive filler in UV-curable epoxy resin. <i>Journal of Materials Science</i> , 2015 , 50, 605-610	4.3	17
206	Interpenetrated hybrid thiol-ene/epoxy UV-cured network with enhanced impact resistance. <i>Progress in Organic Coatings</i> , 2015 , 78, 244-248	4.8	18
205	Cationic Aerosol Photopolymerization. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 136-139	3.9	7
204	Epoxy networks reinforced with TiO ₂ generated by nonhydrolytic sol-gel process: A comparison between in situ and ex situ syntheses to obtain filled polymers. <i>Polymer Engineering and Science</i> , 2015 , 55, 1689-1697	2.3	12
203	A Comparison of the Reactivity of Two Platinum Catalysts for Silicone Polymer Cross-Linking by UV-Activated Hydrosilation Reaction. <i>Macromolecular Reaction Engineering</i> , 2015 , 9, 360-365	1.5	10
202	Comparison of the Performance of Two Bifunctional Curing Agents for the Photopolymerization of Epoxy Resins and the Study of the Mechanical Properties of the Obtained Polymers. <i>Macromolecular Symposia</i> , 2015 , 358, 35-40	0.8	8
201	Self-standing polymer-functionalized reduced graphene oxide papers obtained via a UV-process. <i>RSC Advances</i> , 2015 , 5, 95805-95812	3.7	10
200	Photoinduced development of antibacterial materials derived from isosorbide moiety. <i>Biomacromolecules</i> , 2015 , 16, 683-94	6.9	26
199	Enhanced Performance of Graphene-Epoxy Flexible Capacitors by Means of Ceramic Fillers. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 707-713	2.6	8
198	Study of Ink-Jet Printable Vinyl Ether-Graphene UV-Curable Formulations. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 340-345	3.9	16

197	Multilayer UV-cured organic capacitors. <i>Polymer</i> , 2015 , 56, 131-134	3.9	5
196	Cationic UV-Curing: Technology and Applications. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 775-793	3.9	176
195	Multifunctional NIR-reflective and self-cleaning UV-cured coating for solar cell applications based on cycloaliphatic epoxy resin. <i>Progress in Organic Coatings</i> , 2014 , 77, 458-462	4.8	24
194	UV-Curing Science and Technology 2014 , 1-20		9
193	Graphene-epoxy flexible transparent capacitor obtained by graphene-polymer transfer and UV-induced bonding. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 355-9	4.8	12
192	Photocuring of cycloaliphatic epoxy formulations using polyesters with multiarm star topology as additives. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	7
191	Photolabile amines producing a strong base as photocatalyst for the in-situ preparation of organic/inorganic hybrid coatings. <i>Polymer</i> , 2014 , 55, 1628-1635	3.9	26
190	TiO ₂ -soybean peroxidase composite materials as a new photocatalytic system. <i>Chemical Engineering Journal</i> , 2014 , 239, 87-92	14.7	19
189	In Situ Reduction of Graphene Oxide in an Epoxy Resin Thermally Cured with Amine. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 757-763	3.9	13
188	The use of multiarm star-like polymers in the preparation of epoxy thermosets by UV-cationic photopolymerization. Effect of the arms of the star in the curing process and in the final properties and morphology. <i>Polymer Engineering and Science</i> , 2014 , 54, 17-23	2.3	5
187	The development of an Epoxy-amine/Thiol-ene photocurable system. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	13
186	An Acrylic Latex Filled with Zinc Oxide by Miniemulsion Polymerization as a Protective Coating for Stones. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 1352-1361	3.9	6
185	Preparation and characterization of PDMS composites by UV-hydrosilation for outdoor polymeric insulators. <i>Polymer Composites</i> , 2014 , 35, 1253-1262	3	9
184	Synthesis of Poly(vinyl pyrrolidone)/Silver Nanoprism Composites through Simultaneous Photoinduced Polymerization and Electron Transfer Processes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014 , 51, 511-513	2.2	7
183	Epoxy resins reinforced with TiO ₂ generated by nonhydrolytic sol-gel process. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	13
182	A powerful tool for graphene functionalization: Benzophenone mediated UV-grafting. <i>Carbon</i> , 2014 , 77, 226-235	10.4	36
181	CHAPTER 7:UV-Cured Functional Coatings. <i>RSC Smart Materials</i> , 2014 , 121-133	0.6	3
180	Visible Light Curable Restorative Composites for Dental Applications Based on Epoxy Monomer. <i>Materials</i> , 2014 , 7, 554-562	3.5	52

179	UV Curing of Perfluoropolyether Oligomers Containing Graphene Nanosheets to Enhance Water-Vapor Barrier Properties. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1588-1592	2.6	12
178	Fe ₃ O ₄ nanoparticles and nanocomposites with potential application in biomedicine and in communication technologies: Nanoparticle aggregation, interaction, and effective magnetic anisotropy. <i>Journal of Applied Physics</i> , 2014 , 116, 113903	2.5	34
177	A Versatile Thiol-ene/Sol-Gel Two-Stage Curing Process Based on a Hyperbranched Polyester with Different Degrees of 10-Undecenoyl Modification. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 495-503	3.9	4
176	A visible and long-wavelength photocured epoxy coating for stone protection. <i>Journal of Cultural Heritage</i> , 2014 , 15, 250-257	2.9	5
175	Epoxy monomers consolidant for lime plaster cured via a redox activated cationic polymerization. <i>Journal of Cultural Heritage</i> , 2014 , 15, 595-601	2.9	6
174	Modification of UV-cured epoxy resins with fluorescent sensors through photopolymerization and click chemistry reactions and preparation of polarity-sensitive films. <i>Polymer International</i> , 2014 , 63, 1018-1024 ²	3.3	24
173	Core/Shell PBA/PMMA-PGMA Nanoparticles to Enhance the Impact Resistance of UV-Cured Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 106-112	3.9	25
172	Photoluminescent Epoxy/Gd ₂ O ₃ :Eu ³⁺ UV-cured Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 181-189	3.9	7
171	Visible light polymerization of epoxy monomers using an iodonium salt with camphorquinone/ethyl-4-dimethyl aminobenzoate. <i>Polymer International</i> , 2013 , 62, 1368-1376	3.3	33
170	Multifunctional antistatic and scratch resistant UV-cured acrylic coatings. <i>Progress in Organic Coatings</i> , 2013 , 76, 1191-1196	4.8	25
169	Synthesis of H-shaped complex macromolecular structures by combination of atom transfer radical polymerization, photoinduced radical coupling, ring-opening polymerization, and iniferter processes. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4601-4607	2.5	10
168	Luminescence variation by rigidity control of acrylic composite materials. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5725	7.1	18
167	Fracture Toughness Enhancement of UV-Cured Epoxy Coatings Containing Al ₂ O ₃ Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 1184-1189	3.9	12
166	UV-Cured Epoxy/ZnO Composites: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 1304-1308	3.9	1
165	A new two-stage curing system: Thiol-ene/epoxy homopolymerization using an allyl terminated hyperbranched polyester as reactive modifier. <i>Polymer</i> , 2013 , 54, 5473-5481	3.9	40
164	Radical diffusion engineering: tailored nanocomposite materials for piezoresistive inkjet printed strain measurement. <i>RSC Advances</i> , 2013 , 3, 3446	3.7	40
163	Inkjet printed acrylic formulations based on UV-reduced graphene oxide nanocomposites. <i>Journal of Materials Science</i> , 2013 , 48, 1249-1255	4.3	65
162	UV-cured transparent magnetic polymer nanocomposites. <i>Polymer</i> , 2013 , 54, 4472-4479	3.9	29

161	One-pot photoinduced synthesis of conductive polythiophene-epoxy network films. <i>Polymer</i> , 2013 , 54, 2077-2080	3.9	32
160	Polymer Nanocomposites with UV-Cured Epoxies 2013 , 17-37		2
159	Photo-Cured Epoxy Networks Functionalized With Fe ₃ O ₄ Generated by Non-hydrolytic Sol-Gel Process. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 508-516	2.6	22
158	Graphene oxide-Epoxy hybrid material as innovative photocatalyst. <i>Journal of Materials Science</i> , 2013 , 48, 5204-5208	4.3	11
157	UV-Cured Acrylic Conductive Inks for Microelectronic Devices. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 607-611	3.9	29
156	Epoxy/BaTiO ₃ Light-Cured Composites as Organic Capacitors. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 634-643	3.9	9
155	UV-Induced Frontal Polymerization of a Pt-Catalyzed Hydrosilation Reaction. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 943-947	2.6	11
154	Synthesis of the fluorene spiroorthocarbonate and the evaluation of its antishrinking activity in the cationic photopolymerization of an epoxy resin. <i>Designed Monomers and Polymers</i> , 2013 , 16, 323-329	3.1	8
153	In situ synthesis of Ag-acrylic nanocomposites: Tomography-based percolation model, irreversible photoinduced electromigration and reversible electromigration. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012 , 177, 373-380	3.1	29
152	Hybrid organic-inorganic silicate/thiol-ene photocured coatings. <i>Surface and Coatings Technology</i> , 2012 , 206, 2719-2724	4.4	18
151	Photo-cured epoxy networks reinforced with TiO ₂ in-situ generated by means of non-hydrolytic sol-gel process. <i>Polymer</i> , 2012 , 53, 283-290	3.9	47
150	Cationic photocured epoxy nanocomposites filled with different carbon fillers. <i>Polymer</i> , 2012 , 53, 1831-1838	3.9	48
149	Polymer grafting onto magnetite nanoparticles by click reaction. <i>Journal of Materials Science</i> , 2012 , 47, 412-419	4.3	23
148	Hybrid UV-cured organic-inorganic IPNs. <i>European Polymer Journal</i> , 2012 , 48, 1796-1804	5.2	21
147	Impact resistance enhancement by adding epoxy ended hyperbranched polyester to DGEBA photocured thermosets. <i>Polymer</i> , 2012 , 53, 3084-3088	3.9	45
146	Network structure and thermomechanical properties of hybrid DGEBA networks cured with 1-methylimidazole and hyperbranched poly(ethyleneimine)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 1489-1503	2.6	43
145	In-situ graphene oxide reduction during UV-photopolymerization of graphene oxide/acrylic resins mixtures. <i>Polymer</i> , 2012 , 53, 6039-6044	3.9	37
144	Infrared Spectroscopy as a Tool to Monitor Radiation Curing 2012 ,		1

143	Synthesis of a new hyperbranched-linear-hyperbranched triblock copolymer and its use as a chemical modifier for the cationic photo and thermal curing of epoxy resins. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1133-1142	2.5	24
142	The effect of hydroxyspiro-orthocarbonates on the cationic photopolymerization of an epoxy resin and on the mechanical properties of the final polymer. <i>Polymer International</i> , 2012 , 61, 587-595	3.3	5
141	Surface Property Modification of Epoxy Coatings by Polydimethylsiloxanes. <i>Macromolecular Materials and Engineering</i> , 2012 , 297, 257-262	3.9	10
140	Photocatalytic Activity of Epoxy/CNT Nanocomposite Films. <i>Macromolecular Materials and Engineering</i> , 2012 , 297, 353-358	3.9	4
139	Multifunctional Luminescent Organic/Inorganic Hybrid Films. <i>Macromolecular Materials and Engineering</i> , 2012 , 297, 680-688	3.9	9
138	UV-activated hydrosilation reaction for silicone polymer crosslinking. <i>Journal of Applied Polymer Science</i> , 2012 , 128, n/a-n/a	2.9	4
137	In Situ Synthesized Silver/Epoxy Nanocomposites: Electrical Characterization in Terms of Dielectric Relaxation Spectroscopy. <i>Macromolecular Symposia</i> , 2012 , 321-322, 112-117	0.8	6
136	Novel Tetraspiroorthocarbonates as Successful Anti-shrinking Agents for the Photopolymerization of Epoxy Monomers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012 , 49, 361-368	2.2	6
135	Advances in cationic photopolymerization. <i>Pure and Applied Chemistry</i> , 2012 , 84, 2089-2101	2.1	70
134	Magnetic properties of acrylic UV-cured films containing magnetite nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1312, 1		1
133	Comparative curing kinetics and thermal/mechanical properties of DGEBA thermosets cured with a hyperbranched poly(ethyleneimine) and an aliphatic triamine. <i>Thermochimica Acta</i> , 2011 , 526, 9-21	2.9	57
132	Epoxy-Graphene UV-cured nanocomposites. <i>Polymer</i> , 2011 , 52, 4664-4669	3.9	124
131	Hyperstar poly(ester-methacrylate)s as additives in thermally and photocured epoxy resins. <i>Polymer</i> , 2011 , 52, 5723-5731	3.9	28
130	Enhancement of scratch-resistance properties of methacrylated UV-cured coatings. <i>Progress in Organic Coatings</i> , 2011 , 72, 287-291	4.8	15
129	Organic-inorganic material for the consolidation of plaster. <i>Journal of Cultural Heritage</i> , 2011 , 12, 364-371	1.9	17
128	Evidence for magnetic interactions among magnetite nanoparticles dispersed in photoreticulated PEGDA-600 matrix. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 5615-5626	2.3	32
127	Effect of the ceramic filler features on the properties of photopolymerized BaTiO ₃ -acrylic composites. <i>Polymer Composites</i> , 2011 , 32, 1304-1312	3	14
126	Electrospun polyamide-6 membranes containing titanium dioxide as photocatalyst. <i>Polymer International</i> , 2011 , 60, 234-239	3.3	25

125	Poly(ethylene glycol)-Coated Magnetite Nanoparticles: Preparation and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 411-416	2.6	4
124	Poly(ethylene glycol)-Coated Fe ₃ O ₄ Nanoparticles by UV-Thiol-Ene Addition of PEG Dithiol on Vinyl-Functionalized Magnetite Surface. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 1629-1635	2.6	33
123	Semiconducting Single-Walled Carbon Nanotubes as Radical Photoinitiators. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 1469-1473	2.6	12
122	Transparent and Conductive Graphene Oxide/Poly(ethylene glycol) diacrylate Coatings Obtained by Photopolymerization. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 401-407	3.9	38
121	Polysulfone/Metal Nanocomposites by Simultaneous Photoinduced Crosslinking and Redox Reaction. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 820-825	3.9	25
120	Hybrid Coatings Containing Silver Nanoparticles Generated In situ in a Thiol-Ene Photocurable System. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 921-928	3.9	12
119	Dynamics of in situ synthesized silver-epoxy nanocomposites as studied by dielectric relaxation spectroscopy. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2361-2367	2.9	15
118	Photochemical synthesis of gold-polyethyleneglycol core-shell nanoparticles. <i>European Polymer Journal</i> , 2011 , 47, 1250-1255	5.2	15
117	Luminescence thermochromism of acrylic materials incorporating copper iodide clusters. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19106		26
116	Simultaneous Photoinduced Silver Nanoparticles Formation and Cationic Polymerization of Divinyl Ethers. <i>Macromolecules</i> , 2011 , 44, 4065-4071	5.5	31
115	Photopolymerization Kinetics and Dynamic Mechanical Properties of Silanes Hydrolyzed without Evolution of Byproducts. Tetrakis[(methacryloyloxy)ethoxy]silane-Diethylene Glycol Dimethacrylate. <i>Macromolecules</i> , 2011 , 44, 1792-1800	5.5	12
114	Investigations of photocatalytic activities of photosensitive semiconductors dispersed into epoxy matrix. <i>Applied Catalysis B: Environmental</i> , 2011 , 106, 657-663	21.8	21
113	New pegylated hyperbranched polyester as chemical modifier of epoxy resins in UV cationic photocuring. <i>Reactive and Functional Polymers</i> , 2011 , 71, 417-424	4.6	36
112	Synthesis of silver/epoxy nanocomposites by visible light sensitization using highly conjugated thiophene derivatives. <i>Reactive and Functional Polymers</i> , 2011 , 71, 857-862	4.6	38
111	Ethoxysilyl-modified hyperbranched polyesters as multifunctional coupling agents for epoxy-silica hybrid coatings. <i>Polymer</i> , 2011 , 52, 2103-2109	3.9	33
110	UV generation of a multifunctional hyperbranched thermal crosslinker to cure epoxy resins. <i>Polymer</i> , 2011 , 52, 3269-3276	3.9	43
109	UV-Cured Nanostructured Epoxy Coatings 2010 , 235-251		7
108	UV-cured epoxy coatings modified with perfluoropolyether-based materials. <i>Progress in Organic Coatings</i> , 2010 , 68, 323-327	4.8	18

107	In-situ-Synthesized Silver/Epoxy Nanocomposites: Electrical Characterization by Means of Dielectric Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 1933-1939	2.6	24
106	Conductive UV-Cured Acrylic Inks for Resistor Fabrication: Models for their Electrical Properties. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2008-2016	2.6	28
105	Photoinitiator-Free UV-Cured Acrylic Coatings Containing Magnetite Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2530-2535	2.6	30
104	Interpenetrating Polymer Networks of Hydrocarbon and Fluorocarbon Polymers: Epoxy/Fluorinated Acrylic Macromonomers. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 469-475	3.9	10
103	Scratch Resistance Enhancement of Polymer Coatings. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 603-612	3.9	69
102	Diol spiroorthocarbonates as antishrinkage additives for the cationic photopolymerization of bisphenol-A diglycidyl ether. <i>Reactive and Functional Polymers</i> , 2010 , 70, 98-102	4.6	6
101	Degradable epoxy coatings by photoinitiated cationic copolymerization of bisepoxide with ϵ -caprolactone. <i>European Polymer Journal</i> , 2010 , 46, 254-259	5.2	18
100	Surface modification of UV-cured epoxy resins by click chemistry. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2862-2868	2.5	27
99	Novel diol spiro orthocarbonates derived from glycerol as anti-shrinkage additives for the cationic photopolymerization of epoxy monomers. <i>Polymer International</i> , 2010 , 59, 680-685	3.3	6
98	Preparation and characterization of hybrid thiol-ene/epoxy UV/thermal dual-cured systems. <i>Polymer International</i> , 2010 , 59, n/a-n/a	3.3	10
97	Cationic photopolymerization of bisphenol-A-based vinyl ether systems. <i>Progress in Organic Coatings</i> , 2009 , 65, 337-340	4.8	7
96	Nanocomposite epoxy coatings containing rare earth ion-doped LaF ₃ nanoparticles: Film preparation and characterization. <i>Progress in Organic Coatings</i> , 2009 , 65, 431-434	4.8	15
95	UV-Cured Polysiloxane Epoxy Coatings Containing Titanium Dioxide as Photosensitive Semiconductor. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 323-329	3.9	9
94	Hybrid Organic/Inorganic UV-Cured Acrylic Films with Hydrophobic Surface Properties. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 525-531	3.9	14
93	Synthesis of an oxetane-functionalized hemispiroorthocarbonate used as a low-shrinkage additive in the cationic ultraviolet curing of oxetane monomers. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1780-1787	2.9	17
92	Epoxy-boehmite nanocomposites as new insulating materials. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 2541-2546	2.9	20
91	Synthesis and cross-linking of bifunctional monomers containing carbazole moieties. <i>Reactive and Functional Polymers</i> , 2009 , 69, 325-329	4.6	3
90	Hybrid organic/inorganic coatings based on thiol-ene systems. <i>Reactive and Functional Polymers</i> , 2009 , 69, 719-723	4.6	46

89	Nanostructured hybrid networks based on highly fluorinated acrylates. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 52, 291-298	2.3	18
88	Fluorinated hydroxytelechelic polybutadiene as additive in cationic photopolymerization of an epoxy resin. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2835-2842	2.5	5
87	Scratch resistant tough nanocomposite epoxy coatings based on hyperbranched polyesters. <i>Polymer</i> , 2009 , 50, 5647-5652	3.9	54
86	Nanostructured hybrid materials obtained by UV curing and sol-gel processes involving alkoxy silane groups. <i>E-Polymers</i> , 2009 , 9,	2.7	2
85	UV-curing and characterization of polymer/clay nanocoatings by dispersion of acrylate-functionalized organoclays. <i>Progress in Organic Coatings</i> , 2008 , 61, 89-94	4.8	36
84	Scratch resistance of nano-silica reinforced acrylic coatings. <i>Progress in Organic Coatings</i> , 2008 , 62, 129-133	4.3	133
83	Synthesis and Characterization of Gold/Epoxy Nanocomposites by Visible Light Photoinduced Electron Transfer and Cationic Polymerization Processes. <i>Macromolecules</i> , 2008 , 41, 7268-7270	5.5	75
82	Space Charge Dynamics in Nanostructured Epoxy Resin 2008 ,		10
81	In situ synthesis of gold-cross-linked poly(ethylene glycol) nanocomposites by photoinduced electron transfer and free radical polymerization processes. <i>Chemical Communications</i> , 2008 , 2771-3	5.8	71
80	Preparation of polymer-based composite with magnetic anisotropy by oriented carbon nanotube dispersion. <i>Diamond and Related Materials</i> , 2008 , 17, 1590-1595	3.5	17
79	Developments of Organic-Inorganic Hybrid Free Radical-Cationic Dual Cured Coatings. <i>Polymer Bulletin</i> , 2008 , 59, 865-872	2.4	4
78	Synthesis of Au@SiO ₂ Core/Shell Nanoparticles and their Dispersion into an Acrylic Photocurable Formulation: Film Preparation and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 2343-2348	2.6	7
77	UV-Cured Interpenetrating Acrylic-Epoxy Polymer Networks: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 515-520	3.9	43
76	UV Curing of Organic-Inorganic Hybrid Coatings Containing Polyhedral Oligomeric Silsesquioxane Blocks. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 700-707	3.9	46
75	Use of Single-Walled Carbon Nanotubes as Reinforcing Fillers in UV-Curable Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 708-713	3.9	18
74	UV-Cured Nanostructured Gold/Acrylic Coating. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 964-968	3.9	9
73	Antistatic Epoxy Coatings With Carbon Nanotubes Obtained by Cationic Photopolymerization. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 396-400	4.8	68
72	Water-repellent finishing of cotton fabrics by ultraviolet curing. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 810-818	2.9	33

71	Local dynamics in epoxy coatings containing iron oxide nanoparticles by dielectric relaxation spectroscopy. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 3224-3229	2.9	18
70	High refractive index transparent coatings obtained via UV/thermal dual-cure process. <i>Polymer</i> , 2008 , 49, 2018-2022	3.9	61
69	A visible light photochemical route to silver-epoxy nanocomposites by simultaneous polymerization-reduction approach. <i>Polymer</i> , 2008 , 49, 5195-5198	3.9	104
68	Synthesis of an epoxy functionalized spiroorthocarbonate used as low shrinkage additive in cationic UV curing of an epoxy resin. <i>European Polymer Journal</i> , 2008 , 44, 1046-1052	5.2	41
67	Hyperbranched Polymer/TiO ₂ Hybrid Nanoparticles Synthesized via an In Situ Sol-Gel Process. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 76-86	2.6	37
66	Thiol-ene Hybrid Organic/Inorganic Nanostructured Coatings Based on Thiol-Functionalized Zirconium Oxoclusters. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2560-2568	2.6	28
65	Photopolymerization of Epoxy Coatings Containing Iron-Oxide Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 956-961	3.9	30
64	Synthesis and cationic photocuring of new carbazole monomers. <i>European Polymer Journal</i> , 2007 , 43, 380-387	5.2	9
63	Preparation and characterization of UV-cured epoxy nanocomposites based on o-montmorillonite modified with maleinized liquid polybutadienes. <i>Polymer</i> , 2007 , 48, 7000-7007	3.9	65
62	Photoinitiated curing of mono- and bifunctional epoxides by combination of active chain end and activated monomer cationic polymerization methods. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4914-4920	2.5	24
61	Bicyclo-orthoester as a low-shrinkage additive in cationic UV curing. <i>Polymer International</i> , 2007 , 56, 1224-1229	3.1	10
60	Photostabilization of cationic UV-cured coatings in the presence of nanoTiO ₂ . <i>Progress in Organic Coatings</i> , 2007 , 59, 122-125	4.8	20
59	Hyperbranched Polymers in Cationic UV Curing. <i>Macromolecular Symposia</i> , 2007 , 254, 9-15	0.8	13
58	Hybrid Organic-Inorganic Nanostructured Acrylic Films Based on Methacrylate Modified Zirconium Oxocluster. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1730-1736	2.6	16
57	Preparation and Characterization of Hybrid Nanocomposite Coatings by Cationic UV-Curing and the Sol-Gel Process of a Vinyl Ether Based System. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 634-640	3.9	27
56	In Situ Synthesis of Silver-epoxy Nanocomposites by Photoinduced Electron Transfer and Cationic Polymerization Processes. <i>Macromolecules</i> , 2007 , 40, 8827-8829	5.5	147
55	Synthesis and characterization of acrylate-hexane interpenetrating polymer networks through a thermal-UV dual cure process. <i>Progress in Organic Coatings</i> , 2006 , 55, 225-230	4.8	34
54	Siloxane additive as modifier in cationic UV curable coatings. <i>Progress in Organic Coatings</i> , 2006 , 57, 44-49	2.8	31

53	Synthesis of hybrid methacrylate-silicone-cyclohexanepoxide monomers and the study of their UV induced polymerization. <i>Progress in Organic Coatings</i> , 2006 , 57, 159-164	4.8	19
52	Preparation and characterization of acrylic resin/titania hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4659-4664	2.9	27
51	Preparation and Characterization of Nanostructured TiO ₂ /Epoxy Polymeric Films. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 517-523	3.9	58
50	Synthesis of Alkyl-Functionalized Hyperbranched Polymers and Their Use as Additives in Cationic Photopolymerization of Epoxy Resins. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 1004-1012	3.9	10
49	Preparation and Characterization of Hyperbranched Polymer/Silica Hybrid Nanocoatings by Dual-Curing Process. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 1287-1292	3.9	58
48	Synthesis and cationic photopolymerization of new fluorinated, polyfunctional propenyl ether oligomers. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6943-6951	2.5	20
47	Hybrid nanocomposites containing silica and PEO segments: preparation through dual-curing process and characterization. <i>Polymer</i> , 2005 , 46, 2872-2879	3.9	58
46	Preparation and characterization of hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Polymer</i> , 2005 , 46, 11241-11246	3.9	131
45	Carbazole derivatives as photosensitizers in cationic photopolymerization of clear and pigmented coatings. <i>European Polymer Journal</i> , 2005 , 41, 475-480	5.2	22
44	UV curing of photoinitiator-free systems containing bismaleimides and diacrylate resins: bulk and surface properties. <i>Progress in Organic Coatings</i> , 2005 , 53, 46-49	4.8	30
43	Photopolymerization of epoxy coatings containing silica nanoparticles. <i>Progress in Organic Coatings</i> , 2005 , 54, 134-138	4.8	129
42	Cationic photopolymerization of oxetane-functionalized hyperbranched polymers. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 293-299	2.9	21
41	Synthesis of Fluorinated Hyperbranched Polymers and Their Use as Additives in Cationic Photopolymerization. <i>Macromolecular Materials and Engineering</i> , 2005 , 290, 721-725	3.9	32
40	Investigation on the effect of the presence of hyperbranched polymers on thermal and mechanical properties of an epoxy UV-cured system. <i>Polymer International</i> , 2005 , 54, 917-921	3.3	50
39	Fluorinated alcohols as surface-active agents in cationic photopolymerization of epoxy monomers. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 4144-4150	2.5	40
38	Synthesis and cationic photopolymerization of new silicon-containing oxetane monomers. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 1415-1420	2.5	19
37	UV-ignited frontal polymerization of an epoxy resin. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2066-2073	3.3	101
36	Surface properties of cationic ultraviolet-curable coatings containing a siloxane structure. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 584-589	2.9	9

35	Phenolic Hyperbranched Polymers as Additives in Cationic Photopolymerization of Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 442-446	3.9	69
34	Fluorinated Hyperbranched Polymers as Additives in Cationic Photopolymerization. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 722-727	3.9	11
33	Photopolymerization of oxetane based systems. <i>European Polymer Journal</i> , 2004 , 40, 353-358	5.2	30
32	Fluorinated networks through photopolymerisation processes: synthesis, characterisation and properties. <i>Journal of Fluorine Chemistry</i> , 2004 , 125, 345-351	2.1	22
31	Synthesis and cationic photopolymerization of a new fluorinated oxetane monomer. <i>Polymer</i> , 2004 , 45, 2133-2139	3.9	33
30	New difunctional fluoro-epoxide monomers: synthesis, photopolymerization and characterization. <i>Polymer</i> , 2004 , 45, 4663-4668	3.9	24
29	Silica or fibre glass reinforced composites via photopolymerisation of acrylate systems. <i>Plastics, Rubber and Composites</i> , 2003 , 32, 93-97	1.5	1
28	Fluorinated epoxides as surface modifying agents of UV-curable systems. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1524-1529	2.9	51
27	Fluorinated vinyl ethers as new surface agents in the photocationic polymerization of vinyl ether resins. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 2890-2897	2.5	24
26	Hyperbranched polymers in cationic photopolymerization of epoxy systems. <i>Polymer Engineering and Science</i> , 2003 , 43, 1460-1465	2.3	32
25	Cationic Reactivity of Olefins Present in the C5 Fraction. <i>Industrial & Engineering Chemistry Research</i> , 2003 , 42, 5437-5439	3.9	
24	Visible and Long-Wavelength Cationic Photopolymerization. <i>ACS Symposium Series</i> , 2003 , 242-252	0.4	26
23	The Photoinitiated Cationic Polymerization of 3,4-Epoxy-1-butene. <i>ACS Symposium Series</i> , 2003 , 266-276	0.4	1
22	Synthesis of new fluorinated allyl ethers for the surface modification of thiolene ultraviolet-curable formulations. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 2583-2590	2.5	29
21	Cationic photoinitiated copolymerization of 1-propenyl/vinyl ether systems. <i>European Polymer Journal</i> , 2002 , 38, 655-659	5.2	24
20	Coatings obtained through cationic UV curing of epoxide systems in the presence of epoxy functionalized polybutadiene. <i>Journal of Materials Science</i> , 2002 , 37, 4753-4757	4.3	21
19	Preparation of coatings via cationic photopolymerisation: influence of alcoholic additives. <i>Macromolecular Symposia</i> , 2002 , 187, 481-492	0.8	27
18	INVESTIGATION OF THE USE OF POLY(3,4-EPOXY-1-BUTENE) IN FREE RADICAL PHOTOPOLYMERIZATIONS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2002 , 39, 1265-1278	2.2	

17	PHOTOINITIATED CATIONIC POLYMERIZATION OF EPOXY MONOMERS IN THE PRESENCE OF POLY(3,4-EPOXY-1-BUTENE). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2002 , 39, 1279-1294	2.2	
16	Cationic photopolymerization of polyfunctional 1-propenyl ether systems. <i>Polymer International</i> , 2001 , 50, 998-1003	3.3	15
15	Visible and long-wavelength photoinitiated cationic polymerization. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 343-356	2.5	150
14	SYNTHESIS AND CATIONIC PHOTOPOLYMERIZATION OF OLIGOMERS BEARING TERMINAL AND INTERNAL ENOL ETHER GROUPS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001 , 38, 487-502	2.2	
13	STUDY OF THE PHOTOINITIATED CATIONIC POLYMERIZATION OF 3,4-EPOXY-1-BUTENE. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001 , 38, 919-932	2.2	2
12	NMR investigation of UV-cured vinyl ether networks. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 2441-2446	2.6	7
11	Water sorption in polymer network films synthesised from PEO oligomers containing acrylic and vinyl ether functionalities. <i>Polymer Bulletin</i> , 2000 , 45, 431-438	2.4	7
10	Cationic photopolymerization of vinyl ether systems: influence of the presence of hydrogen donor additives. <i>European Polymer Journal</i> , 1999 , 35, 639-645	5.2	73
9	Cationic photopolymerisation of divinylethers systems containing hydroxyvinylethers. <i>Polymer Bulletin</i> , 1999 , 42, 641-648	2.4	9
8	Properties of UV-curable coatings containing fluorinated acrylic structures. <i>Progress in Organic Coatings</i> , 1999 , 36, 70-78	4.8	27
7	Frontal-Photopolymerization of Fully Biobased Epoxy Composites. <i>Macromolecular Materials and Engineering</i> , 2100864	3.9	4
6	Effect of a Dicycloaliphatic Epoxide on the Thermo-mechanical Properties of Alkyl, Aryl Epoxide Monomers Cured via UV-induced Cationic Frontal Polymerization. <i>Macromolecular Materials and Engineering</i> , 2100976	3.9	0
5	An Epoxy Adhesive Crosslinked through Radical-Induced Cationic Frontal Polymerization. <i>Macromolecular Materials and Engineering</i> , 2100495	3.9	4
4	4D-Printed Resins and Nanocomposites Thermally Stimulated by Conventional Heating and IR Radiation. <i>ACS Applied Polymer Materials</i> ,	4.3	3
3	DLP 4D-Printing of Remotely, Modularly, and Selectively Controllable Shape Memory Polymer Nanocomposites Embedding Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2106774	15.6	12
2	Bio-based Piezo- and Thermo-Resistive Photo-Curable Sensing Materials from Acrylated Epoxidized Soybean Oil. <i>Macromolecular Materials and Engineering</i> , 2100934	3.9	0
1	Cross-Linking of Biobased Monofunctional Furan Epoxy Monomer by Two Steps Process, UV Irradiation and Thermal Treatment. <i>Macromolecular Chemistry and Physics</i> , 2200012	2.6	1