

# Marco Sangermano

## List of Publications by Citations

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335  
ext. papers

8,071  
ext. citations

4  
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L-index

#	Paper	IF	Citations
3 <sup>22</sup>	Cationic UV-Curing: Technology and Applications. <i>Macromolecular Materials and Engineering</i> , <b>2014</b> , 299, 775-793	3.9	176
3 <sup>21</sup>	Visible and long-wavelength photoinitiated cationic polymerization. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 343-356	2.5	150
3 <sup>20</sup>	In Situ Synthesis of Silver-Epoxy Nanocomposites by Photoinduced Electron Transfer and Cationic Polymerization Processes. <i>Macromolecules</i> , <b>2007</b> , 40, 8827-8829	5.5	147
3 <sup>19</sup>	Scratch resistance of nano-silica reinforced acrylic coatings. <i>Progress in Organic Coatings</i> , <b>2008</b> , 62, 129-133	4.3	133
3 <sup>18</sup>	Preparation and characterization of hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Polymer</i> , <b>2005</b> , 46, 11241-11246	3.9	131
3 <sup>17</sup>	Photopolymerization of epoxy coatings containing silica nanoparticles. <i>Progress in Organic Coatings</i> , <b>2005</b> , 54, 134-138	4.8	129
3 <sup>16</sup>	Epoxy-Graphene UV-cured nanocomposites. <i>Polymer</i> , <b>2011</b> , 52, 4664-4669	3.9	124
3 <sup>15</sup>	A visible light photochemical route to silver-epoxy nanocomposites by simultaneous polymerization-reduction approach. <i>Polymer</i> , <b>2008</b> , 49, 5195-5198	3.9	104
3 <sup>14</sup>	Development of 3D printable formulations containing CNT with enhanced electrical properties. <i>Polymer</i> , <b>2017</b> , 109, 246-253	3.9	101
3 <sup>13</sup>	UV-ignited frontal polymerization of an epoxy resin. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 2066-2073	2.3	101
3 <sup>12</sup>	Recent advances in functionalized polymer membranes for biofouling control and mitigation in forward osmosis. <i>Journal of Membrane Science</i> , <b>2020</b> , 596, 117604	9.6	78
3 <sup>11</sup>	Synthesis and Characterization of Gold-Epoxy Nanocomposites by Visible Light Photoinduced Electron Transfer and Cationic Polymerization Processes. <i>Macromolecules</i> , <b>2008</b> , 41, 7268-7270	5.5	75
3 <sup>10</sup>	Study of graphene oxide-based 3D printable composites: Effect of the in situ reduction. <i>Composites Part B: Engineering</i> , <b>2017</b> , 124, 9-15	10	73
3 <sup>09</sup>	Cationic photopolymerization of vinyl ether systems: influence of the presence of hydrogen donor additives. <i>European Polymer Journal</i> , <b>1999</b> , 35, 639-645	5.2	73
3 <sup>08</sup>	In situ synthesis of gold-cross-linked poly(ethylene glycol) nanocomposites by photoinduced electron transfer and free radical polymerization processes. <i>Chemical Communications</i> , <b>2008</b> , 2771-3	5.8	71
3 <sup>07</sup>	Advances in cationic photopolymerization. <i>Pure and Applied Chemistry</i> , <b>2012</b> , 84, 2089-2101	2.1	70
3 <sup>06</sup>	Scratch Resistance Enhancement of Polymer Coatings. <i>Macromolecular Materials and Engineering</i> , <b>2010</b> , 295, 603-612	3.9	69

305	Phenolic Hyperbranched Polymers as Additives in Cationic Photopolymerization of Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , <b>2004</b> , 289, 442-446	3.9	69
304	Antistatic Epoxy Coatings With Carbon Nanotubes Obtained by Cationic Photopolymerization. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 396-400	4.8	68
303	Inkjet printed acrylic formulations based on UV-reduced graphene oxide nanocomposites. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 1249-1255	4.3	65
302	Preparation and characterization of UV-cured epoxy nanocomposites based on o-montmorillonite modified with maleinized liquid polybutadienes. <i>Polymer</i> , <b>2007</b> , 48, 7000-7007	3.9	65
301	Environmentally-friendly processing of thermosets by two-stage sequential aza-Michael addition and free-radical polymerization of amine- $\beta$ acrylate mixtures. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6987-6997	4.9	61
300	High refractive index transparent coatings obtained via UV/thermal dual-cure process. <i>Polymer</i> , <b>2008</b> , 49, 2018-2022	3.9	61
299	Preparation and Characterization of Nanostructured TiO <sub>2</sub> /Epoxy Polymeric Films. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 517-523	3.9	58
298	Preparation and Characterization of Hyperbranched Polymer/Silica Hybrid Nanocoatings by Dual-Curing Process. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 1287-1292	3.9	58
297	Hybrid nanocomposites containing silica and PEO segments: preparation through dual-curing process and characterization. <i>Polymer</i> , <b>2005</b> , 46, 2872-2879	3.9	58
296	Comparative curing kinetics and thermal-mechanical properties of DGEBA thermosets cured with a hyperbranched poly(ethyleneimine) and an aliphatic triamine. <i>Thermochimica Acta</i> , <b>2011</b> , 526, 9-21	2.9	57
295	Scratch resistant tough nanocomposite epoxy coatings based on hyperbranched polyesters. <i>Polymer</i> , <b>2009</b> , 50, 5647-5652	3.9	54
294	Visible Light Curable Restorative Composites for Dental Applications Based on Epoxy Monomer. <i>Materials</i> , <b>2014</b> , 7, 554-562	3.5	52
293	New Horizons in Cationic Photopolymerization. <i>Polymers</i> , <b>2018</b> , 10,	4.5	51
292	Fluorinated epoxides as surface modifying agents of UV-curable systems. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 1524-1529	2.9	51
291	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> , <b>2005</b> , 54, 917-921	3.3	50
290	Cationic photocured epoxy nanocomposites filled with different carbon fillers. <i>Polymer</i> , <b>2012</b> , 53, 1831-1838	3.9	48
289	Photo-cured epoxy networks reinforced with TiO <sub>2</sub> in-situ generated by means of non-hydrolytic sol-gel process. <i>Polymer</i> , <b>2012</b> , 53, 283-290	3.9	47
288	Hybrid organic-organic coatings based on thiol-ene systems. <i>Reactive and Functional Polymers</i> , <b>2009</b> , 69, 719-723	4.6	46

287	UV Curing of Organic-Inorganic Hybrid Coatings Containing Polyhedral Oligomeric Silsesquioxane Blocks. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 700-707	3.9	46
286	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> , <b>2019</b> , 588, 117200	9.6	45
285	Impact resistance enhancement by adding epoxy ended hyperbranched polyester to DGEBA photocured thermosets. <i>Polymer</i> , <b>2012</b> , 53, 3084-3088	3.9	45
284	3D Printing of Magnetoresponse Polymer Materials with Tunable Mechanical and Magnetic Properties by Digital Light Processing. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1900505	6.8	44
283	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> , <b>2012</b> , 50, 1489-1503	2.6	43
282	UV generation of a multifunctional hyperbranched thermal crosslinker to cure epoxy resins. <i>Polymer</i> , <b>2011</b> , 52, 3269-3276	3.9	43
281	UV-Cured Interpenetrating Acrylic-Epoxy Polymer Networks: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 515-520	3.9	43
280	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> , <b>2020</b> , 611, 118352	9.6	41
279	Synthesis of an epoxy functionalized spiroorthocarbonate used as low shrinkage additive in cationic UV curing of an epoxy resin. <i>European Polymer Journal</i> , <b>2008</b> , 44, 1046-1052	5.2	41
278	A new two-stage curing system: Thiol-ene/epoxy homopolymerization using an allyl terminated hyperbranched polyester as reactive modifier. <i>Polymer</i> , <b>2013</b> , 54, 5473-5481	3.9	40
277	Radical diffusion engineering: tailored nanocomposite materials for piezoresistive inkjet printed strain measurement. <i>RSC Advances</i> , <b>2013</b> , 3, 3446	3.7	40
276	Fluorinated alcohols as surface-active agents in cationic photopolymerization of epoxy monomers. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 4144-4150	2.5	40
275	Transparent and Conductive Graphene Oxide/Poly(ethylene glycol) diacrylate Coatings Obtained by Photopolymerization. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 401-407	3.9	38
274	Synthesis of silver/epoxy nanocomposites by visible light sensitization using highly conjugated thiophene derivatives. <i>Reactive and Functional Polymers</i> , <b>2011</b> , 71, 857-862	4.6	38
273	In-situ graphene oxide reduction during UV-photopolymerization of graphene oxide/acrylic resins mixtures. <i>Polymer</i> , <b>2012</b> , 53, 6039-6044	3.9	37
272	Hyperbranched Polymer/TiO <sub>2</sub> Hybrid Nanoparticles Synthesized via an In Situ Sol-Gel Process. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 76-86	2.6	37
271	Cationic photopolymerization of bio-renewable epoxidized monomers. <i>Progress in Organic Coatings</i> , <b>2019</b> , 133, 131-138	4.8	36
270	Photocurable chitosan as bioink for cellularized therapies towards personalized scaffold architecture. <i>Bioprinting</i> , <b>2020</b> , 18, e00082	7	36

269	A powerful tool for graphene functionalization: Benzophenone mediated UV-grafting. <i>Carbon</i> , <b>2014</b> , 77, 226-235	10.4	36
268	New pegylated hyperbranched polyester as chemical modifier of epoxy resins in UV cationic photocuring. <i>Reactive and Functional Polymers</i> , <b>2011</b> , 71, 417-424	4.6	36
267	UV-curing and characterization of polymer/clay nanocoatings by dispersion of acrylate-functionalized organoclays. <i>Progress in Organic Coatings</i> , <b>2008</b> , 61, 89-94	4.8	36
266	UV-activated frontal polymerization of glass fibre reinforced epoxy composites. <i>Composites Part B: Engineering</i> , <b>2018</b> , 143, 168-171	10	35
265	Fe <sub>3</sub> O <sub>4</sub> 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> , <b>2014</b> , 116, 113903	2.5	34
264	Synthesis and characterization of acrylate/oxetane interpenetrating polymer networks through a thermal-UV dual cure process. <i>Progress in Organic Coatings</i> , <b>2006</b> , 55, 225-230	4.8	34
263	Visible light polymerization of epoxy monomers using an iodonium salt with camphorquinone/ethyl-4-dimethyl aminobenzoate. <i>Polymer International</i> , <b>2013</b> , 62, 1368-1376	3.3	33
262	Poly(ethylene glycol)-Coated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles by UV-Thiol-Ene Addition of PEG Dithiol on Vinyl-Functionalized Magnetite Surface. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1629-1635	2.6	33
261	Ethoxysilyl-modified hyperbranched polyesters as multifunctional coupling agents for epoxy-silica hybrid coatings. <i>Polymer</i> , <b>2011</b> , 52, 2103-2109	3.9	33
260	Water-repellent finishing of cotton fabrics by ultraviolet curing. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 810-818	2.9	33
259	Synthesis and cationic photopolymerization of a new fluorinated oxetane monomer. <i>Polymer</i> , <b>2004</b> , 45, 2133-2139	3.9	33
258	In Situ Synthesis of Polymer Embedded Silver Nanoparticles via Photopolymerization. <i>Macromolecular Materials and Engineering</i> , <b>2015</b> , 300, 226-233	3.9	32
257	One-pot photoinduced synthesis of conductive polythiophene-epoxy network films. <i>Polymer</i> , <b>2013</b> , 54, 2077-2080	3.9	32
256	Evidence for magnetic interactions among magnetite nanoparticles dispersed in photoreticulated PEGDA-600 matrix. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 5615-5626	2.3	32
255	Hyperbranched polymers in cationic photopolymerization of epoxy systems. <i>Polymer Engineering and Science</i> , <b>2003</b> , 43, 1460-1465	2.3	32
254	Synthesis of Fluorinated Hyperbranched Polymers and Their Use as Additives in Cationic Photopolymerization. <i>Macromolecular Materials and Engineering</i> , <b>2005</b> , 290, 721-725	3.9	32
253	In Situ Ag-MOF Growth on Pre-Grafted Zwitterions Imparts Outstanding Antifouling Properties to Forward Osmosis Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36287-36300	9.5	32
252	Simultaneous Photoinduced Silver Nanoparticles Formation and Cationic Polymerization of Divinyl Ethers. <i>Macromolecules</i> , <b>2011</b> , 44, 4065-4071	5.5	31

251	Siloxane additive as modifier in cationic UV curable coatings. <i>Progress in Organic Coatings</i> , <b>2006</b> , 57, 44-49	2.8	31
250	Photoinitiator-Free UV-Cured Acrylic Coatings Containing Magnetite Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 2530-2535	2.6	30
249	Photopolymerization of Epoxy Coatings Containing Iron-Oxide Nanoparticles. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 956-961	3.9	30
248	Photopolymerization of oxetane based systems. <i>European Polymer Journal</i> , <b>2004</b> , 40, 353-358	5.2	30
247	UV curing of photoinitiator-free systems containing bismaleimides and diacrylate resins: bulk and surface properties. <i>Progress in Organic Coatings</i> , <b>2005</b> , 53, 46-49	4.8	30
246	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> , <b>2012</b> , 177, 373-380	3.1	29
245	UV-cured transparent magnetic polymer nanocomposites. <i>Polymer</i> , <b>2013</b> , 54, 4472-4479	3.9	29
244	UV-Cured Acrylic Conductive Inks for Microelectronic Devices. <i>Macromolecular Materials and Engineering</i> , <b>2013</b> , 298, 607-611	3.9	29
243	Synthesis of new fluorinated allyl ethers for the surface modification of thiol-ene ultraviolet-curable formulations. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 2583-2590	2.5	29
242	Hyperstar poly(ester-methacrylate)s as additives in thermally and photocured epoxy resins. <i>Polymer</i> , <b>2011</b> , 52, 5723-5731	3.9	28
241	Conductive UV-Cured Acrylic Inks for Resistor Fabrication: Models for their Electrical Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 2008-2016	2.6	28
240	Thiol-ene Hybrid Organic/Inorganic Nanostructured Coatings Based on Thiol-Functionalized Zirconium Oxoclusters. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 2560-2568	2.6	28
239	Surface modification of UV-cured epoxy resins by click chemistry. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 2862-2868	2.5	27
238	Preparation and characterization of acrylic resin/titania hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 4659-4664	2.9	27
237	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> , <b>2007</b> , 292, 634-640	3.9	27
236	Preparation of coatings via cationic photopolymerisation: influence of alcoholic additives. <i>Macromolecular Symposia</i> , <b>2002</b> , 187, 481-492	0.8	27
235	Properties of UV-curable coatings containing fluorinated acrylic structures. <i>Progress in Organic Coatings</i> , <b>1999</b> , 36, 70-78	4.8	27
234	Cationic UV-Curing of Epoxidized Biobased Resins. <i>Polymers</i> , <b>2020</b> , 13,	4.5	27

233	Visible Light Induced Cationic Polymerization of Epoxides by Using Multiwalled Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800250	4.8	27
232	Photolabile amines producing a strong base as photocatalyst for the in-situ preparation of organic/inorganic hybrid coatings. <i>Polymer</i> , <b>2014</b> , 55, 1628-1635	3.9	26
231	Successful UV-Induced RICFP of Epoxy-Composites. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1700313	2.6	26
230	Photoinduced development of antibacterial materials derived from isosorbide moiety. <i>Biomacromolecules</i> , <b>2015</b> , 16, 683-94	6.9	26
229	Luminescence thermochromism of acrylic materials incorporating copper iodide clusters. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 19106		26
228	Visible and Long-Wavelength Cationic Photopolymerization. <i>ACS Symposium Series</i> , <b>2003</b> , 242-252	0.4	26
227	Core/Shell PBA/PMMA-PGMA Nanoparticles to Enhance the Impact Resistance of UV-Cured Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , <b>2013</b> , 298, 106-112	3.9	25
226	Multifunctional antistatic and scratch resistant UV-cured acrylic coatings. <i>Progress in Organic Coatings</i> , <b>2013</b> , 76, 1191-1196	4.8	25
225	Electrospun polyamide-6 membranes containing titanium dioxide as photocatalyst. <i>Polymer International</i> , <b>2011</b> , 60, 234-239	3.3	25
224	Polysulfone/Metal Nanocomposites by Simultaneous Photoinduced Crosslinking and Redox Reaction. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 820-825	3.9	25
223	Multifunctional NIR-reflective and self-cleaning UV-cured coating for solar cell applications based on cycloaliphatic epoxy resin. <i>Progress in Organic Coatings</i> , <b>2014</b> , 77, 458-462	4.8	24
222	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> , <b>2012</b> , 50, 1133-1142	2.5	24
221	In-situ-Synthesized Silver/Epoxy Nanocomposites: Electrical Characterization by Means of Dielectric Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 1933-1939	2.6	24
220	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> , <b>2007</b> , 45, 4914-4920	2.5	24
219	New difunctional fluoro-epoxide monomers: synthesis, photopolymerization and characterization. <i>Polymer</i> , <b>2004</b> , 45, 4663-4668	3.9	24
218	Cationic photoinitiated copolymerization of 1-propenyl/vinyl ether systems. <i>European Polymer Journal</i> , <b>2002</b> , 38, 655-659	5.2	24
217	Fluorinated vinyl ethers as new surface agents in the photocationic polymerization of vinyl ether resins. <i>Journal of Polymer Science Part A</i> , <b>2003</b> , 41, 2890-2897	2.5	24
216	DLP 3D Printing Meets Lignocellulosic Biopolymers: Carboxymethyl Cellulose Inks for 3D Biocompatible Hydrogels. <i>Polymers</i> , <b>2020</b> , 12,	4.5	24



215	Three-Dimensional Printed Photoluminescent Polymeric Waveguides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 39319-39326	9.5	24
214	Tailoring the Biocidal Activity of Novel Silver-Based Metal Azolate Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 7588-7599	8.3	23
213	Polymer grafting onto magnetite nanoparticles by click reaction. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 412-419	4.3	23
212	Review on UV-Induced Cationic Frontal Polymerization of Epoxy Monomers. <i>Polymers</i> , <b>2020</b> , 12,	4.5	23
211	Development of New Hybrid Acrylic/Epoxy DLP-3D Printable Materials. <i>Inventions</i> , <b>2018</b> , 3, 29	2.9	22
210	Photo-Cured Epoxy Networks Functionalized With Fe <sub>3</sub> O <sub>4</sub> Generated by Non-hydrolytic Sol-Gel Process. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 508-516	2.6	22
209	Fluorinated networks through photopolymerisation processes: synthesis, characterisation and properties. <i>Journal of Fluorine Chemistry</i> , <b>2004</b> , 125, 345-351	2.1	22
208	Carbazole derivatives as photosensitizers in cationic photopolymerization of clear and pigmented coatings. <i>European Polymer Journal</i> , <b>2005</b> , 41, 475-480	5.2	22
207	Enhancement of electrical and thermal conductivity of Su-8 photocrosslinked coatings containing graphene. <i>Progress in Organic Coatings</i> , <b>2015</b> , 86, 143-146	4.8	21
206	Light Processable Starch Hydrogels. <i>Polymers</i> , <b>2020</b> , 12,	4.5	21
205	Improvement of the water-vapor barrier properties of an uv-cured epoxy coating containing graphite oxide nanoplatelets. <i>Progress in Organic Coatings</i> , <b>2017</b> , 103, 152-155	4.8	21
204	Hybrid UV-cured organic/inorganic IPNs. <i>European Polymer Journal</i> , <b>2012</b> , 48, 1796-1804	5.2	21
203	Investigations of photocatalytic activities of photosensitive semiconductors dispersed into epoxy matrix. <i>Applied Catalysis B: Environmental</i> , <b>2011</b> , 106, 657-663	21.8	21
202	Coatings obtained through cationic UV curing of epoxide systems in the presence of epoxy functionalized polybutadiene. <i>Journal of Materials Science</i> , <b>2002</b> , 37, 4753-4757	4.3	21
201	Cationic photopolymerization of oxetane-functionalized hyperbranched polymers. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 97, 293-299	2.9	21
200	Epoxy-boehmite nanocomposites as new insulating materials. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 114, 2541-2546	2.9	20
199	Photostabilization of cationic UV-cured coatings in the presence of nanoTiO <sub>2</sub> . <i>Progress in Organic Coatings</i> , <b>2007</b> , 59, 122-125	4.8	20
198	Synthesis and cationic photopolymerization of new fluorinated, polyfunctional propenyl ether oligomers. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 6943-6951	2.5	20



197	Ultrafiltration Membranes Functionalized with Polydopamine with Enhanced Contaminant Removal by Adsorption. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1600481	3.9	19
196	Photoinduced cationic frontal polymerization of epoxy-carbon fibre composites. <i>Polymer International</i> , <b>2019</b> , 68, 1662-1665	3.3	19
195	TiO <sub>2</sub> -soybean peroxidase composite materials as a new photocatalytic system. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 87-92	14.7	19
194	Synthesis of hybrid methacrylate-silicone-cyclohexanepoxide monomers and the study of their UV induced polymerization. <i>Progress in Organic Coatings</i> , <b>2006</b> , 57, 159-164	4.8	19
193	Synthesis and cationic photopolymerization of new silicon-containing oxetane monomers. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 1415-1420	2.5	19
192	Photoinduced chitosan-PEG hydrogels with long-term antibacterial properties. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 6526-6538	7.3	19
191	Interpenetrated hybrid thiol-ene/epoxy UV-cured network with enhanced impact resistance. <i>Progress in Organic Coatings</i> , <b>2015</b> , 78, 244-248	4.8	18
190	Polymeric nanocapsules via interfacial cationic photopolymerization in miniemulsion. <i>Polymer</i> , <b>2018</b> , 139, 155-162	3.9	18
189	Controlled Atmosphere in Food Packaging Using Ethylene-Cyclodextrin Inclusion Complexes Dispersed in Photocured Acrylic Films. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 579-585	3.9	18
188	Hybrid organic-inorganic silicate/thiol-ene photocured coatings. <i>Surface and Coatings Technology</i> , <b>2012</b> , 206, 2719-2724	4.4	18
187	Luminescence variation by rigidity control of acrylic composite materials. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5725	7.1	18
186	Nanostructured hybrid networks based on highly fluorinated acrylates. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 52, 291-298	2.3	18
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183	Use of Single-Walled Carbon Nanotubes as Reinforcing Fillers in UV-Curable Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 708-713	3.9	18
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171	Hybrid Organic-Inorganic Nanostructured Acrylic Films Based on Methacrylate Modified Zirconium Oxocluster. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1730-1736	2.6	16
170	Light induced grafting-from strategies as powerful tool for surface modification. <i>EXPRESS Polymer Letters</i> , <b>2019</b> , 13, 135-145	3.4	16
169	Sequential curing of thiol-acetoacetate-acrylate thermosets by latent Michael addition reactions. <i>Polymer</i> , <b>2017</b> , 113, 193-199	3.9	15
168	UV-Printable and Flexible Humidity Sensors Based on Conducting/Insulating Semi-Interpenetrated Polymer Networks. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700161	3.9	15
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156	The development of an Epoxy-amine/Thiol-ene photocurable system. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	13
155	Epoxy resins reinforced with TiO <sub>2</sub> generated by nonhydrolytic sol-gel process. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	13
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47	Gelatin Type A from Porcine Skin Used as Co-Initiator in a Radical Photo-Initiating System. <i>Polymers</i> , <b>2019</b> , 11,	4.5	4
46	A molecular dynamics approach to nanostructuring of particles produced via aerosol cationic photopolymerization. <i>Chemical Engineering Science</i> , <b>2019</b> , 195, 1021-1027	4.4	4
45	Laser-Triggered Writing and Biofunctionalization of Thiol-Ene Networks. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e2000084	4.8	4
44	An Epoxy Adhesive Crosslinked through Radical-Induced Cationic Frontal Polymerization. <i>Macromolecular Materials and Engineering</i> , 2100495	3.9	4
43	DLP-printable fully biobased soybean oil composites. <i>Polymer</i> , <b>2022</b> , 247, 124779	3.9	4
42	Development of Low-Shrinkage Polymers by Using Expanding Monomers. <i>Macromolecular Symposia</i> , <b>2017</b> , 374, 1600092	0.8	3
41	CHAPTER 7:UV-Cured Functional Coatings. <i>RSC Smart Materials</i> , <b>2014</b> , 121-133	0.6	3
40	Synthesis and cross-linking of bifunctional monomers containing carbazole moieties. <i>Reactive and Functional Polymers</i> , <b>2009</b> , 69, 325-329	4.6	3
39	DLP 3D Printing of shape memory polymers stabilized by thermoreversible hydrogen bonding interactions. <i>Applied Materials Today</i> , <b>2021</b> , 23, 101060	6.6	3
38	Radical photoinduced cationic frontal polymerization in porous media. <i>Polymer International</i> , <b>2021</b> , 70, 269-276	3.3	3
37	Silver polymer nanocomposites by photoreduction of AgNO <sub>3</sub> and simultaneous photocrosslinking of the acrylic matrix: effect of PVP on Ag particle formation. <i>Journal of Polymer Engineering</i> , <b>2018</b> , 38, 803-809	1.4	3
36	Fully biobased UV-cured thiol-ene coatings. <i>Progress in Organic Coatings</i> , <b>2021</b> , 157, 106295	4.8	3

35	4D-Printed Resins and Nanocomposites Thermally Stimulated by Conventional Heating and IR Radiation. <i>ACS Applied Polymer Materials</i> ,	4.3	3
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33	Advanced Epoxy-Based Anticorrosion Coatings Containing Graphite Oxide. <i>Advanced Structured Materials</i> , <b>2017</b> , 135-143	0.6	2
32	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> , <b>2014</b> , 63, 1018-1024 <sup>2</sup>	3.3	2
31	Polymer Nanocomposites with UV-Cured Epoxies <b>2013</b> , 17-37		2
30	Nanostructured hybrid materials obtained by UV curing and sol-gel processes involving alkoxy silane groups. <i>E-Polymers</i> , <b>2009</b> , 9,	2.7	2
29	STUDY OF THE PHOTOINITIATED CATIONIC POLYMERIZATION OF 3,4-EPOXY-1-BUTENE. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2001</b> , 38, 919-932	2.2	2
28	Visible light-induced crosslinking of unmodified gelatin with PEGDA for DLP-3D printable hydrogels. <i>European Polymer Journal</i> , <b>2021</b> , 160, 110813	5.2	2
27	Photocurable $\beta$ -lignocellulose-derived hydrogel nanocomposites for adsorption of cationic contaminants. <i>Sustainable Materials and Technologies</i> , <b>2021</b> , 27, e00243	5.3	2
26	Photo-polymerization for additive manufacturing of composite solid propellants. <i>Acta Astronautica</i> , <b>2021</b> , 182, 58-65	2.9	2
25	Magnetic Properties of Polymer Nanocomposites <b>2016</b> , 119-137		2
24	Study on the joining of ceramic matrix composites to an Al alloy for advanced brake systems. <i>Ceramics International</i> , <b>2021</b> , 47, 23463-23473	5.1	2
23	Online UV Curing of Electrospun Polysulfone Fibers Containing an Acrylate as Cross-Linker. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1700125	2.6	1
22	UV-Cured Epoxy/Ino Composites: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , <b>2013</b> , 298, 1304-1308	3.9	1
21	Infrared Spectroscopy as a Tool to Monitor Radiation Curing <b>2012</b> ,		1
20	Magnetic properties of acrylic UV-cured films containing magnetite nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , <b>2011</b> , 1312, 1		1
19	Silica or fibre glass reinforced composites via photopolymerisation of acrylate systems. <i>Plastics, Rubber and Composites</i> , <b>2003</b> , 32, 93-97	1.5	1
18	The Photoinitiated Cationic Polymerization of 3,4-Epoxy-1-butene. <i>ACS Symposium Series</i> , <b>2003</b> , 266-276	0.4	1

17	Microwave-assisted methacrylation of chitosan for 3D printable hydrogels in tissue engineering. <i>Materials Advances</i> , <b>2022</b> , 3, 514-525	3.3	1
16	From polysaccharides to UV-curable biorenewable organo/hydrogels for methylene blue removal. <i>Polymer</i> , <b>2021</b> , 235, 124257	3.9	1
15	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> , <b>2018</b> , 219, 1800335	2.6	1
14	Programming the microstructure of magnetic nanocomposites in DLP 3D printing. <i>Additive Manufacturing</i> , <b>2021</b> , 47, 102343	6.1	1
13	Hybrid silica micro-particles with light-responsive surface properties and Janus-like character. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 3925-3938	4.9	1
12	UV-Cured Biodegradable Methacrylated Starch-Based Coatings. <i>Coatings</i> , <b>2021</b> , 11, 127	2.9	1
11	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
10	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
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