

# Cedric Vancaeyzeele

## List of Publications by Year in descending order

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35  
papers

744  
citations

567281

15  
h-index

552781

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the symmetry of dibenzoxazines: a paradigm to tailor the design of bio-based thermosets. <i>Green Chemistry</i> , 2016, 18, 3346-3353.	9.0	94
2	Dynamic crosslinked rubbers for a green future: A material perspective. <i>Materials Science and Engineering Reports</i> , 2020, 141, 100561.	31.8	90
3	Lanthanide-Containing Polymer Nanoparticles for Biological Tagging Applications: Nonspecific Endocytosis and Cell Adhesion. <i>Journal of the American Chemical Society</i> , 2007, 129, 13653-13660.	13.7	78
4	Multi-stimuli responsive nanogel/hydrogel nanocomposites based on $\hat{\text{I}}^{\text{e}}$ -carrageenan for prolonged release of levodopa as model drug. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 180-189.	7.5	42
5	Self-standing single lithium ion conductor polymer network with pendant trifluoromethanesulfonylimide groups: $\text{Li}^+$ diffusion coefficients from PFGSTE NMR. <i>European Polymer Journal</i> , 2013, 49, 4108-4117.	5.4	39
6	Fibrin-polyethylene oxide interpenetrating polymer networks: New self-supported biomaterials combining the properties of both protein gel and synthetic polymer. <i>Acta Biomaterialia</i> , 2011, 7, 2418-2427.	8.3	38
7	Polyisobutene-poly(methylmethacrylate) interpenetrating polymer networks: synthesis and characterization. <i>Polymer</i> , 2005, 46, 6888-6896.	3.8	36
8	Graphene oxide nanocomposite hydrogel based on poly(acrylic acid) grafted onto salep: an adsorbent for the removal of noxious dyes from water. <i>New Journal of Chemistry</i> , 2019, 43, 3572-3582.	2.8	31
9	Self-Supported Fibrin-Polyvinyl Alcohol Interpenetrating Polymer Networks: An Easily Handled and Rehydratable Biomaterial. <i>Biomacromolecules</i> , 2013, 14, 3870-3879.	5.4	28
10	Synthesis, characterization, and energy transfer studies of dye-labeled poly(butyl methacrylate) latex particles prepared by miniemulsion polymerization. <i>Polymer</i> , 2007, 48, 5839-5849.	3.8	26
11	Polyisobutene/polystyrene interpenetrating polymer networks: Effects of network formation order and composition on the IPN architecture. <i>Polymer</i> , 2006, 47, 2046-2060.	3.8	24
12	Stability in alkaline aqueous electrolyte of air electrode protected with fluorinated interpenetrating polymer network membrane. <i>Journal of Power Sources</i> , 2015, 274, 488-495.	7.8	19
13	Fibrin-based interpenetrating polymer network biomaterials with tunable biodegradability. <i>Polymer</i> , 2015, 62, 19-27.	3.8	18
14	Elaboration of bio-epoxy/benzoxazine interpenetrating polymer networks: a composition-to-morphology mapping. <i>Polymer Chemistry</i> , 2018, 9, 472-481.	3.9	18
15	Long lifetime in concentrated LiOH aqueous solution of air electrode protected with interpenetrating polymer network membrane. <i>Journal of Power Sources</i> , 2012, 197, 267-275.	7.8	16
16	Electrodeposition of MnO <sub>2</sub> on spray-coated nanostructured carbon framework as high performance material for energy storage. <i>Surface and Coatings Technology</i> , 2020, 384, 125310.	4.8	15
17	Synthesis of magnetic multi walled carbon nanotubes hydrogel nanocomposite based on poly (acrylic) Tj ETQq1 1 0.784314 rgBT /Over Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126350.	4.7	13
18	Polyisobutene/polycyclohexyl methacrylate interpenetrating polymer networks. <i>Polymer</i> , 2006, 47, 6048-6056.	3.8	12

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19	pH-Responsive fluorescent dye-labeled metal-chelating polymer with embedded cadmium telluride quantum dots for controlled drug release of doxorubicin. <i>Reactive and Functional Polymers</i> , 2018, 133, 45-56.	4.1	10
20	Labeling of fibronectin by fluorescent and paramagnetic nanoprobe for exploring the extracellular matrix: bioconjugate synthesis optimization and biochemical characterization. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1653-1663.	3.7	9
21	Microemulsion as the template for synthesis of interpenetrating polymer networks with predefined structure. <i>Polymer</i> , 2013, 54, 4436-4445.	3.8	9
22	Nanostructured Thermal Responsive Materials Synthesized by Soft Templating. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12706-12718.	8.0	9
23	4D smart porous scaffolds based on the polyHIPE architecture and electroactive PEDOT. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12388-12398.	5.5	9
24	Polymeric ionic liquid based interpenetrating polymer network for all-solid self-standing polyelectrolyte material. <i>European Polymer Journal</i> , 2018, 106, 257-265.	5.4	8
25	Symmetric Versus Asymmetric di-Bz Monomer Design. , 2017, , 89-107.		7
26	Lithium-based oligomer ionic liquid for solvent-free conducting materials. <i>Polymer</i> , 2018, 142, 337-347.	3.8	7
27	Fabrication of bicontinuous double networks as thermal and pH stimuli responsive drug carriers for on-demand release. <i>Materials Science and Engineering C</i> , 2020, 109, 110495.	7.3	7
28	Nanostructure Changes upon Polymerization of Aqueous and Organic Phases in Organized Mixtures. <i>Langmuir</i> , 2016, 32, 10104-10112.	3.5	6
29	Ionofibers: Ionically Conductive Textile Fibers for Conformal i€Textiles. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	6
30	Tailoring Electromechanical Properties of Natural Rubber Vitrimers by Cross-Linkers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 8871-8880.	3.7	5
31	Photopolymerizable Ionogel with Healable Properties Based on Dioxaborolane Vitrimer Chemistry. <i>Gels</i> , 2022, 8, 381.	4.5	5
32	Assemblies of protective anion exchange membrane on air electrode for its efficient operation in aqueous alkaline electrolyte. <i>Journal of Power Sources</i> , 2015, 274, 636-644.	7.8	4
33	Immobilization of polyisobutene in semi-interpenetrating polymer network architecture. <i>Polymer</i> , 2010, 51, 5323-5331.	3.8	3
34	Nuclear Magnetic Resonance (NMR) Characterization of a Polymerized Ionic Liquid Electrolyte Material. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1440, 31.	0.1	3
35	Other nanocomposites of MOFs for supercapacitors. , 2022, , 461-484.		0