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## Solubility of Polymethyl Methacrylate in Organic Solvents

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#	Paper	IF	Citations
37	A PMMA coated PMNBT single crystal resonator for sensing chemical agents. <i>Smart Materials and Structures</i> , <b>2010</b> , 19, 035015	3.4	10
36	The effect of chemical surface treatments on the flexural strength of repaired acrylic denture base resin. <i>Journal of Prosthodontics</i> , <b>2011</b> , 20, 195-9	3.9	9
35	Poly(methyl methacrylate) particulate carriers in drug delivery. <i>Journal of Microencapsulation</i> , <b>2012</b> , 29, 353-67	3.4	120
34	Generation of white LED light by frequency downconversion using perylene-based dye. <i>Electronics Letters</i> , <b>2012</b> , 48, 1417	1.1	16
33	The effects of solvents on the properties of ultra-thin poly (methyl methacrylate) films prepared by spin coating. <i>Thin Solid Films</i> , <b>2013</b> , 546, 180-184	2.2	12
32	Investigation of temperature and pressure dependent equilibrium and transport properties of liquid acetone by molecular dynamics simulation. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 358, 226-232	2.5	12
31	Controlled/living polymerization of methyl methacrylate using new sterically hindered imidazoline nitroxides prepared via intramolecular 1,3-dipolar cycloaddition reaction. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 929-943	2.5	19
30	Solvent-Induced Dewetting on Curved Substrates: Fabrication of Porous Polymer Nanotubes by Anodic Aluminum Oxide Templates. <i>Macromolecules</i> , <b>2015</b> , 48, 6241-6250	5.5	12
29	A Review of the Properties and Applications of Poly (Methyl Methacrylate) (PMMA). <i>Polymer Reviews</i> , <b>2015</b> , 55, 678-705	14	422
28	Surface treatment with methyl formate-methyl acetate increased the shear bond strength between reline resins and denture base resin. <i>Gerodontology</i> , <b>2016</b> , 33, 147-54	2.8	4
27	A force field for acetone: the transition from small clusters to liquid phase investigated by molecular dynamics simulations. <i>Theoretical Chemistry Accounts</i> , <b>2016</b> , 135, 1	1.9	18
26	Highly conductive polymethyl(methacrylate)/multi-wall carbon nanotube composites by modeling a three-dimensional percolated microstructure. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2016</b> , 91, 133-139	8.4	19
25	Robust Whispering-Gallery-Mode Microbubble Lasers from Colloidal Quantum Dots. <i>Nano Letters</i> , <b>2017</b> , 17, 2640-2646	11.5	60
24	Atomic level cleaning of poly-methyl-methacrylate residues from the graphene surface using radiolized water at high temperatures. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 103101	3.4	12
23	Acetone-Water Mixtures: Molecular Dynamics Using a Semiempirical Intermolecular Potential. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 3-13	0.9	1
22	Materials, chemical properties and analysis. <b>2017</b> , 153-186		3
21	Rational Design of Nanosized Light Elements for Hydrogen Storage: Classes, Synthesis, Characterization, and Properties. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1700298	6.8	28

20	Macroencapsulation of sodium chloride as phase change materials for thermal energy storage. <i>Solar Energy</i> , <b>2018</b> , 167, 1-9	6.8	17
19	Synthesis and characterization of wide-scale UV <sub>A</sub> is CUT-OFF laser filter using methyl violet-6B/PMMA polymeric composite films. <i>Sensors and Actuators A: Physical</i> , <b>2018</b> , 269, 388-393	3.9	15
18	Poly(2-carboxyethyl acrylate-co-ethylene glycol dimethacrylate) precursor monolith. Part I. Carbodiimide assisted post-polymerization modification with octadecyl ligands for use in reversed phase capillary liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 676-683	1.3	3
17	Effect of UV radiation damage in air on polymer film thickness, studied by soft X-ray spectromicroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 16625-16640	3.6	6
16	Methyl methacrylate based copolymers and terpolymers: Preparation, identification, and plasticizing capability for a poly(methyl methacrylate) used in aviation. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46603	2.9	6
15	Improved lithium ion dynamics in crosslinked PMMA gel polymer electrolyte.. <i>RSC Advances</i> , <b>2019</b> , 9, 27574-27582	3.7	33
14	Structural and Optical Properties of Nanofibers Prepared with Electrospinning by Using PMMA Integrated with Curcuminoids to Produce White LED. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 1733-1742	2	1
13	Identification of Synthetic Organic Pigments in Contemporary Artists' Paints by FT-IR and FT-Raman: An Advanced Analytical Experiment. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 966-972	2.4	1
12	Swelling-Based Distributed Chemical Sensing with Standard Acrylate Coated Optical Fibers. <i>Sensors</i> , <b>2021</b> , 21,	3.8	0
11	Impact of Polymer Residue Level on the In-Plane Thermal Conductivity of Suspended Large-Area Graphene Sheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 17910-17919	9.5	1
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9	The degradation of thin poly(methyl methacrylate) films subjected to different destructive treatments. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	2
8	Acetone Clusters Molecular Dynamics Using a Semiempirical Intermolecular Potential. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 129-140	0.9	2
7	Current effect on suspended graphene nanoribbon studied using in situ transmission electron microscopy. <i>Applied Surface Science</i> , <b>2022</b> , 573, 151563	6.7	
6	Perovskite-Compatible Electron-Beam-Lithography Process Based on Nonpolar Solvents for Single-Nanowire Devices.. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 3177-3182	5.6	1
5	Changing the optical properties of poly(methyl methacrylate) superficial films during UV irradiation. <i>Spectroscopy Letters</i> , <b>2022</b> , 55, 199-211	1.1	
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3	Thermophysical characterization of the mixture of PMMA & acetone. <b>2022</b> ,		

- 2 Methyl Methacrylate-Based Copolymers: Recent Developments in the Areas of Transparent and Stretchable Active Matrices. **2022**, 7, 36929-36944 ○
- 1 The Correlation of Free Ions with the Conduction Phase of 1-Ethyl-3-methylimidazolium Chloride in Gel Polymer Electrolyte-Based PMMA/PLA Blend Doped with LiBOB. ○