

# Amane Mochizuki

## List of Publications by Year in descending order

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32  
papers

745  
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516710

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526287

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32  
all docs

32  
docs citations

32  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Multi-Functional POSS Emitters for OLED Applications. Chemistry of Materials, 2007, 19, 4991-4997.	6.7	100
2	Efficient Fluorescent Deep-Blue and Hybrid White Emitting Devices Based on Carbazole/Benzimidazole Compound. Journal of Physical Chemistry C, 2011, 115, 14347-14352.	3.1	68
3	Efficient Light-Emitting Devices Based on Phosphorescent Polyhedral Oligomeric Silsesquioxane Materials. Advanced Functional Materials, 2009, 19, 2623-2629.	14.9	62
4	Synthesis of aliphatic polyimides containing adamantyl units. Journal of Polymer Science Part A, 1999, 37, 3584-3590.	2.3	58
5	Efficient Light-Emitting Devices Based on Platinum-Complexes-Anchored Polyhedral Oligomeric Silsesquioxane Materials. Chemistry of Materials, 2010, 22, 4776-4782.	6.7	55
6	Novel Photosensitive Polyimide Precursor Based on Polyisoimide Using an Amine Photogenerator. Macromolecules, 1995, 28, 365-369.	4.8	48
7	Synthesis of Fully Aliphatic Polyimides. High Performance Polymers, 1999, 11, 255-262.	1.8	47
8	Photosensitive polyimide-precursor based on polyisoimide: dimensionally stable polyimide with a low dielectric constant. Polymer, 1999, 40, 551-558.	3.8	40
9	Electroluminescence from printed stellate polyhedral oligomeric silsesquioxanes. Soft Matter, 2009, 5, 3002.	2.7	40
10	New positive-type photosensitive polyimide: poly(hydroxyimide) with diazonaphthoquinone. Reactive and Functional Polymers, 1996, 30, 109-115.	4.1	38
11	Positive-working alkaline-developable photosensitive polyimide precursor based on polyisoimide using diazonaphthoquinone as a dissolution inhibitor. Polymer, 1995, 36, 2153-2158.	3.8	25
12	Development of Photosensitive Porous Polyimide with Low Dielectric Constant.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2002, 15, 159-165.	0.3	23
13	Preparation and Properties of Polyisoimide as a Polyimide-Precursor. Polymer Journal, 1994, 26, 315-323.	2.7	22
14	Preparation and Properties of Polyisoimides as a Highly Dimensionally Stable Polyimide Precursor with Low Dielectric Constant. High Performance Polymers, 1997, 9, 333-344.	1.8	22
15	Synthesis and characterization of ordered polyurethanes from nonsymmetric diisocyanate and ethylene glycol. Journal of Polymer Science Part A, 2000, 38, 2106-2114.	2.3	19
16	Synthesis of head-to-tail polyurethanes from nonsymmetric diisocyanate and ethylene glycol with organotin catalysts. Journal of Polymer Science Part A, 2001, 39, 416-429.	2.3	19
17	Direct polycondensation reaction with triphenyl phosphite initiated by tertiary amine hydrochlorides. Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 3337-3340.	0.8	11
18	Preparation and adhesion properties of polyisoimide as a high-temperature adhesive. Polymer, 1994, 35, 4022-4027.	3.8	11

#	ARTICLE	IF	CITATIONS
19	Bright Inkjet Printed Macromolecular Organic Light emitting Diodes on Flexible Substrates. Materials Research Society Symposia Proceedings, 2009, 1197, 1.	0.1	8
20	Novel photosensitive polymer based on polycarbodiimide and photoamine generator. Journal of Polymer Science Part A, 2000, 38, 329-336.	2.3	7
21	Development of Photosensitive Polyimide with Low Dielectric Constant.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2001, 14, 17-22.	0.3	6
22	Head-to-Tail Regularity of Polyurethanes from p-Isocyanatobenzyl Isocyanate and Ethylene Glycol by a Distannoxane Catalyst. Polymer Journal, 2001, 33, 547-553.	2.7	4
23	Synthesis and Characterization of Ordered Poly(urethane-urea)s from p-Isocyanatobenzyl Isocyanate and 4-Aminophenylethyl Alcohol. Macromolecules, 2002, 35, 6202-6209.	4.8	4
24	Synthesis of polyamides from active N,N'-diacylbis [1,2-benzisothiazol-3(2h)-one]s and 4,4'-oxydianiline under mild conditions. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 1973-1980.	0.8	2
25	Positive-working photosensitive polyimide precursor based on polyisoimide using nifedipine as a dissolution inhibitor. High Performance Polymers, 1994, 6, 225-233.	1.8	1
26	Application of Polyisoimide as a Polyimide Precursor to Polymer Adhesives and Photosensitive Polymers. ACS Symposium Series, 1995, , 413-424.	0.5	1
27	Compatibility of Polyether Sulfone and Polyimide Derived from Isomerization of Polyisoimide. An Approach to in-situ Generated Rigid-Rod Molecular Composite. Polymer Journal, 1997, 29, 339-345.	2.7	1
28	In situ Formed Three Layer Film by Isomerization of Fluorinated Polyisoimide in Polyethersulfone as a Matrix Polymer. Chemistry Letters, 1997, 26, 333-334.	1.3	1
29	Synthesis and Characterization of Ordered Polyurethanes from Toluene 2,4-Diisocyanate and Ethylene Glycol. High Performance Polymers, 2001, 13, S247-S255.	1.8	1
30	Synthesis and Characterization of Ordered Polyurethanes from a Pair of Diisocyanate Monomers and Ethylene Glycol. High Performance Polymers, 2001, 13, S233-S246.	1.8	1
31	Novel Photosensitive Polyimide Precursor Based on Polyisoimide Using Nifedipine as a Dissolution Inhibitor. ACS Symposium Series, 1995, , 242-252.	0.5	0
32	Development of Photosensitive Porous Polyimide with Supercritical Carbondioxide (scCO <sub>2</sub> ) Extraction. Seikei-Kakou, 2005, 17, 475-478.	0.0	0