

German Mills

List of Publications by Year in descending order

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27
papers

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758635

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all docs

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docs citations

27
times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Metal Particles in Aqueous Solutions by Reactions of Metal Complexes with Polymers. The Journal of Physical Chemistry, 1995, 99, 475-478.	2.9	265
2	Spontaneous formation of silver particles in basic 2-propanol. The Journal of Physical Chemistry, 1993, 97, 11542-11550.	2.9	192
3	Light-Induced Formation of Silver Particles and Clusters in Crosslinked PVA/PAA Films. Journal of Physical Chemistry B, 2004, 108, 14850-14857.	1.2	53
4	Sulfonated Poly(Ether Ether Ketone)/Poly(Vinyl Alcohol) Sensitizing System for Solution Photogeneration of Small Ag, Au, and Cu Crystallites. Journal of Physical Chemistry B, 2005, 109, 7733-7745.	1.2	53
5	Formation Kinetics of Small Gold Crystallites in Photoresponsive Polymer Gels. Journal of Physical Chemistry B, 2002, 106, 7422-7431.	1.2	41
6	Photogeneration of Silver Particles in PVA Fibers and Films. Journal of Cluster Science, 2001, 12, 457-471.	1.7	38
7	Radical-Induced Generation of Small Silver Particles in SPEEK/PVA Polymer Films and Solutions: \hat{A} UV-Vis, EPR, and FT-IR Studies. Langmuir, 2006, 22, 375-384.	1.6	35
8	Preparation and Thermal Properties of CuO Particles. Journal of Physical Chemistry C, 2011, 115, 1767-1775.	1.5	30
9	Photochemical Generation of Nanometer-Sized Cu Particles in Octane. Journal of Physical Chemistry C, 2011, 115, 14656-14663.	1.5	17
10	Photochemical Generation of Ag, Pd, and Pt Particles in Octane. Journal of Physical Chemistry C, 2012, 116, 9243-9250.	1.5	17
11	Chain Photoreduction of CCl ₃ F Induced by TiO ₂ Particles. Journal of Physical Chemistry B, 2001, 105, 9739-9746.	1.2	16
12	Photoreduction of 1,1,2-Trichlorotrifluoroethane Initiated by TiO ₂ Particles. Journal of Physical Chemistry B, 1997, 101, 3769-3775.	1.2	15
13	Concentrated Ag Nanoparticles in Dodecane as Phase Change Materials for Thermal Energy Storage. ACS Applied Nano Materials, 2019, 2, 6187-6196.	2.4	14
14	An Investigation of Silver-Nanoparticle-Laden Lubricants for Electrical Contacts. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 193-200.	1.4	13
15	Chain Photoreduction of CCl ₃ F in TiO ₂ Suspensions: \hat{A} Enhancement Induced by O ₂ . Journal of Physical Chemistry A, 2006, 110, 13827-13835.	1.1	9
16	Photogeneration of H ₂ O ₂ in SPEEK/PVA Aqueous Polymer Solutions. Journal of Physical Chemistry A, 2013, 117, 4148-4157.	1.1	8
17	Photogeneration of H ₂ O ₂ in Water-Swollen SPEEK/PVA Polymer Films. Journal of Physical Chemistry A, 2016, 120, 3867-3877.	1.1	7
18	Spontaneous Formation of Gold Particles in Aqueous Polymeric Solutions. ACS Symposium Series, 1996, , 128-136.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Radical Chain Reduction of CCl ₄ Initiated by Illumination of SPEEK Solutions. Journal of Physical Chemistry A, 2017, 121, 3918-3928.	1.1	4
20	An Investigation of the Electrical Contact Resistance Change, Lubrication, and Wear Properties of a Nanolubricant. , 2020, , .		4
21	Effects of Periodic Illumination and Aqueous/Organic Interfacial Surface Area on Chain Propagation of CCl ₃ F Reduction. Journal of Physical Chemistry C, 2012, 116, 2829-2837.	1.5	3
22	Laser-Assisted Delivery of Molecules in Fungal Cells. ACS Applied Bio Materials, 2020, 3, 6167-6176.	2.3	3
23	Photoreduction of CHCl ₃ in Aqueous SPEEK/HCO ₂ ˆ Solutions Involving Free Radicals. Journal of Physical Chemistry A, 2018, 122, 7118-7130.	1.1	2
24	An exploratory study of silver nanoparticle laden lubricants for electrical contacts. , 2017, , .		1
25	Photoreduction of CCl ₃ F in aqueous solutions containing sulfonated poly(ether etherketone) and formate buffers. Research on Chemical Intermediates, 2019, 45, 4015-4028.	1.3	1
26	Spontaneous Formation of Ag and Au Particles in Alcohols. Materials Research Society Symposia Proceedings, 1994, 351, 9.	0.1	0
27	LIGHT INDUCED METAL NANOPARTICLE FORMATION (M=Ag, Au, Cu, Pd, Pt) IN AQUEOUS SOLUTIONS AND POLYMER FILMS COMPOSED OF SPEEK-PVA. , 2005, , .		0