

Mark P Andrews

List of Publications by Year in descending order

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32
papers

470
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623734

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33
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citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Optics Evanescent Wave Surface Enhanced Raman Scattering (IO-EWSERS) of Mercaptopyridines on a Planar Optical Chemical Bench: A Binding of Hydrogen and Copper Ion. <i>Langmuir</i> , 1996, 12, 6389-6398.	3.5	83
2	Photoinduced structural relaxation and densification in sol-gel-derived nanocomposite thin films: implications for integrated optics device fabrication. <i>Canadian Journal of Chemistry</i> , 1998, 76, 1717-1729.	1.1	59
3	Wrapping oligomers and polymers around metal atoms, metal clusters, and metal colloids. <i>Chemistry of Materials</i> , 1989, 1, 174-187.	6.7	58
4	Earthquake lubrication and healing explained by amorphous nanosilica. <i>Nature Communications</i> , 2019, 10, 320.	12.8	42
5	Metal vapor microsolution optical spectroscopy. <i>Journal of the American Chemical Society</i> , 1981, 103, 2453-2456.	13.7	25
6	(Benzene)vanadium, (C ₆ H ₆)V: a half-sandwich with an η ⁶ -benzene ligand. <i>Journal of the American Chemical Society</i> , 1983, 105, 6170-6172.	13.7	22
7	Direct Observation of Vibronic Coupling between Excitonic States of CdSe Nanocrystals and Their Passivating Ligands. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5084-5091.	3.1	20
8	Direct-Dispense Polymeric Waveguides Platform for Optical Chemical Sensors. <i>Sensors</i> , 2008, 8, 7636-7648.	3.8	19
9	Taking metal atom chemistry out of the cold. <i>Coordination Chemistry Reviews</i> , 1983, 48, 203-242.	18.8	17
10	Linear and nonlinear optical responses of a dye anchored to gold nanoparticles dispersed in liquid and polymeric matrixes. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1625-1633.	1.1	17
11	Spontaneously Ordered Sol-Gel Composites with Submicrometer Periodicity. <i>Chemistry of Materials</i> , 2003, 15, 14-16.	6.7	16
12	Carboxylated Cellulose Nanocrystal Microbeads for Removal of Organic Dyes from Wastewater: Effects of Kinetics and Diffusion on Binding and Release. <i>ACS Applied Nano Materials</i> , 2020, 3, 11217-11228.	5.0	16
13	Visible laser self-focusing in hybrid glass planar waveguides. <i>Optics Letters</i> , 2002, 27, 1342.	3.3	14
14	Aren-Metalcluster: Metallatom-Bis(aren)metall-Chemie in flüssiger Phase. <i>Angewandte Chemie</i> , 1982, 94, 219-220.	2.0	7
15	Isotactic Poly(2-vinylpyridine), Coordination Polymers, and Magnetic Nanocomposites from Chromium Atoms. <i>Journal of the American Chemical Society</i> , 1995, 117, 9915-9916.	13.7	6
16	Local spin density investigation of the chromium / polyimide interface. <i>Journal of Adhesion Science and Technology</i> , 1994, 8, 485-499.	2.6	5
17	Arene-Metal Clusters: Metal Atom-Bis(arene)metal Solution Phase Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 212-212.	4.4	3
18	Support Effects on the Growth, Stabilization, and Agglomeration of Low Nuclearity Transition Metal Clusters Synthesized from Metal Atoms Vaporized into Liquid Aryl-Substituted Polymers. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 550-551.	4.4	3

#	ARTICLE	IF	CITATIONS
19	Arene-Metal Clusters; Metal Atom-Bis(arene) Metal Solution Phase Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 381-392.	4.4	2
20	Support Effects In the Growth, Stabilization and Agglomeration of Low Nuclearity Transition Metal Clusters Synthesized From Metal Atoms Vaporized Into Liquid Arenes and Polymers. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1255-1264.	4.4	2
21	Reactions of Metal Atoms with Monomers and Polymers. <i>ACS Symposium Series</i> , 1990, , 242-264.	0.5	2
22	Reply to the Comment on Spontaneously Ordered Sol-Gel Composites with Submicrometer Periodicity. <i>Chemistry of Materials</i> , 2004, 16, 196-197.	6.7	2
23	Polymer-Stabilized Divanadium. <i>Inorganic Syntheses</i> , 2007, , 116-123.	0.3	2
24	Thermo-optics of Luminescent Solar Concentrators. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1447, 1.	0.1	2
25	Nanopatterning Gold by Templated Solid State Dewetting on the Silica Warp and Weft of Diatoms. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	2.7	2
26	Permanent encoding of nano-to macro-scale hierarchies of order from evaporative magnetic fluids. <i>Nano Select</i> , 2021, 2, 591-599.	3.7	2
27	Einfluß des polymeren Trägers auf Wachstum, Stabilisierung und Agglomeration von kleinen Übergangsmetallclustern bei der Kondensation gasförmiger Metallatome in flüssige arylsubstituierte Polymere. <i>Angewandte Chemie</i> , 1982, 94, 551-552.	2.0	1
28	Resonance Raman Vibrational Mode Enhancement of Adsorbed Benzenethiols on CdSe Is Predominantly Franck-Condon in Nature and Governed by Symmetry. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7935-7941.	4.6	1
29	Doped Polymers as Third-Order Nonlinear-Optical Materials. <i>Materials Research Society Symposia Proceedings</i> , 1990, 214, 3.	0.1	0
30	<title>Efficient surface gratings in hybrid sol-gel glasses</title>. , 1999, , .		0
31	Tuning liquid crystal properties at hybrid glass interfaces with polarized self-inscribing guided waves. , 2011, , .		0
32	Characterisation of a Gold Nanorod Sol-Gel Utilising Inter-particle Coupling to Yield High Refractive Index Sensitivity. <i>Plasmonics</i> , 2012, 7, 331-339.	3.4	0