

# Thomas Mccleskey

## List of Publications by Year in descending order

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43  
papers

2,190  
citations

257450

24  
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254184

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docs citations

43  
times ranked

2769  
citing authors

#	ARTICLE	IF	CITATIONS
1	The large scale synthesis of pure imidazolium and pyrrolidinium ionic liquids. <i>Green Chemistry</i> , 2007, 9, 449.	9.0	387
2	Polymer-assisted deposition of metal-oxide films. <i>Nature Materials</i> , 2004, 3, 529-532.	27.5	308
3	Structural and Photoelectrochemical Properties of BiVO <sub>4</sub> Thin Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6099-6102.	3.1	144
4	Limited thermal stability of imidazolium and pyrrolidinium ionic liquids. <i>Thermochimica Acta</i> , 2009, 491, 118-120.	2.7	112
5	Polymer-assisted-deposition: a chemical solution route for a wide range of materials. <i>Chemical Society Reviews</i> , 2013, 42, 439-449.	38.1	90
6	Predicting <sup>9</sup> Be Nuclear Magnetic Resonance Chemical Shielding Tensors Utilizing Density Functional Theory. <i>Journal of the American Chemical Society</i> , 2004, 126, 14651-14658.	13.7	84
7	Green luminescent zinc oxide films prepared by polymer-assisted deposition with rapid thermal process. <i>Thin Solid Films</i> , 2005, 492, 101-104.	1.8	66
8	Optical and Structural Properties of Single Phase Epitaxial p <sup>+</sup> -Type Transparent Oxide Thin Films. <i>Advanced Materials</i> , 2007, 19, 3604-3607.	21.0	64
9	Structural and dielectric properties of epitaxial Ba <sub>1-x</sub> Sr <sub>x</sub> TiO <sub>3</sub> films grown on LaAlO <sub>3</sub> substrates by polymer-assisted deposition. <i>Applied Physics Letters</i> , 2004, 85, 5007-5009.	3.3	63
10	Self-Assembled Epitaxial Nanocomposite BaTiO <sub>3</sub> ~NiFe <sub>2</sub> O <sub>4</sub> Films Prepared by Polymer-Assisted Deposition. <i>Journal of the American Chemical Society</i> , 2007, 129, 14132-14133.	13.7	54
11	Controlling Oxidation States in Uranium Oxides through Epitaxial Stabilization. <i>Advanced Materials</i> , 2007, 19, 3559-3563.	21.0	53
12	Epitaxial Superconducting Î-MoN Films Grown by a Chemical Solution Method. <i>Journal of the American Chemical Society</i> , 2011, 133, 20735-20737.	13.7	48
13	Chemical Solution Deposition of Epitaxial Carbide Films. <i>Journal of the American Chemical Society</i> , 2010, 132, 2516-2517.	13.7	44
14	Porous Metal~Organic Frameworks Containing Alkali-Bridged Two-Fold Interpenetration: Synthesis, Gas Adsorption, and Fluorescence Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1301-1306.	3.0	42
15	Controlling Crystal Structure and Oxidation State in Molybdenum Nitrides through Epitaxial Stabilization. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17880-17883.	3.1	37
16	Epitaxial growth of Eu <sub>2</sub> O <sub>3</sub> thin films on LaAlO <sub>3</sub> substrates by polymer-assisted deposition. <i>Applied Physics Letters</i> , 2004, 85, 3426-3428.	3.3	35
17	Ultra-trace determination of beryllium in occupational hygiene samples by ammonium bifluoride extraction and fluorescence detection using hydroxybenzoquinoline sulfonate. <i>Analytica Chimica Acta</i> , 2007, 584, 281-286.	5.4	35
18	Validation of a standardized portable fluorescence method for determining trace beryllium in workplace air and wipe samples. <i>Journal of Environmental Monitoring</i> , 2006, 8, 619.	2.1	33

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19	A Chemical Solution Approach to Epitaxial Metal Nitride Thin Films. <i>Advanced Materials</i> , 2009, 21, 193-197.	21.0	32
20	Novel Binding of Beryllium to Dicarboxyimidazole-Based Model Compounds and Polymers. <i>Inorganic Chemistry</i> , 2005, 44, 5761-5769.	4.0	31
21	Manipulating Magnetoresistance Near Room Temperature in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> /La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> Films Prepared by Polymer Assisted Deposition. <i>Advanced Materials</i> , 2006, 18, 2695-2698.	21.0	31
22	Nucleation and growth of epitaxial metal-oxide films based on polymer-assisted deposition. <i>Chemical Society Reviews</i> , 2014, 43, 2141-2146.	38.1	27
23	Epitaxial Ternary Nitride Thin Films Prepared by a Chemical Solution Method. <i>Journal of the American Chemical Society</i> , 2008, 130, 15224-15225.	13.7	26
24	Highly Conductive Films of Layered Ternary Transition-Metal Nitrides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1490-1493.	13.8	26
25	Electronic structure and O K-edge XAS spectroscopy of U <sub>3</sub> O <sub>8</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 194, 81-87.	1.7	26
26	Structural and Ferromagnetic Properties of Epitaxial SrRuO <sub>3</sub> Thin Films Obtained by Polymer-Assisted Deposition. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7497-7500.	2.6	23
27	Magnetic Properties of Self-Assembled Epitaxial Nanocomposite CoFe <sub>2</sub> O <sub>4</sub> :SrTiO <sub>3</sub> and CoFe <sub>2</sub> O <sub>4</sub> :MgO Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25338-25342.	3.1	23
28	High Surface Area Molybdenum Nitride Support for Fuel Cell Electrodes. <i>Journal of the Electrochemical Society</i> , 2011, 158, B1255.	2.9	22
29	Polymer-assisted chemical solution approach to YVO <sub>4</sub> :Eu nanoparticle networks. <i>Journal of Materials Chemistry</i> , 2012, 22, 5835.	6.7	21
30	Mixed-Valence Perovskite Thin Films by Polymer-Assisted Deposition. <i>Journal of the American Ceramic Society</i> , 2008, 91, 1858-1863.	3.8	20
31	Upper critical magnetic field and vortex-free state in very thin epitaxial $\tilde{\text{Y}}\text{-MoN}$ films grown by polymer-assisted deposition. <i>Superconductor Science and Technology</i> , 2013, 26, 105023.	3.5	19
32	Facile Chemical Solution Deposition of High-Mobility Epitaxial Germanium Films on Silicon. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1782-1785.	13.8	18
33	Amorphous Silica Nanoparticles Embedded in Epitaxial SrTiO <sub>3</sub> and CoFe <sub>2</sub> O <sub>4</sub> Matrices. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5768-5771.	13.8	17
34	Encapsulation of the Be <sup>II</sup> Cation: Spectroscopic and Computational Study. <i>Inorganic Chemistry</i> , 2013, 52, 3969-3975.	4.0	17
35	Ferroc metal-oxide films grown by polymer assisted deposition. <i>Thin Solid Films</i> , 2007, 515, 6411-6415.	1.8	15
36	Epitaxial GaN Thin Films Prepared by Polymer-Assisted Deposition. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20535-20538.	3.1	15

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37	Vertical connection of carbon nanotubes to silicon at room temperature using a chemical route. Carbon, 2009, 47, 933-937.	10.3	15
38	Nanoscale titania ceramic composite supports for PEM fuel cells. Journal of Materials Research, 2012, 27, 2046-2054.	2.6	15
39	Preparation of Epitaxial Uranium Dicarbide Thin Films by Polymer-Assisted Deposition. Chemistry of Materials, 2013, 25, 4373-4377.	6.7	15
40	Chemical Solution Route to Conformal Phosphor Coatings on Nanostructures. Advanced Materials, 2008, 20, 4704-4707.	21.0	13
41	Extraction and Optical Fluorescence Method for the Measurement of Trace Beryllium in Soils. Environmental Science & Technology, 2008, 42, 2066-2071.	10.0	13
42	BaTiO <sub>3</sub> -RELATED FERROELECTRIC THIN FILMS BY POLYMER ASSISTED DEPOSITION. Integrated Ferroelectrics, 2008, 100, 132-139.	0.7	7
43	Engineered Nano-Scale Ceramic Supports for PEM Fuel Cells. ECS Transactions, 2011, 30, 83-90.	0.5	4