

# Trevor H Moser

## List of Publications by Year in descending order

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16  
papers

313  
citations

1163117

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1125743

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17  
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docs citations

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times ranked

592  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inactivation of Fluorescent Lipid Bilayers by Irradiation With 300ÅkeV Electrons Using Liquid Cell Transmission Electron Microscopy. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	4.8	1
2	User access to Cryo-EM at EMSL: Opportunities Linking Omics and Structural Biology. <i>Microscopy and Microanalysis</i> , 2021, 27, 1912-1913.	0.4	0
3	Electron-beam-driven chemical processes during liquid phase transmission electron microscopy. <i>MRS Bulletin</i> , 2020, 45, 746-753.	3.5	38
4	Probing the Functional Activity Limits of Biomolecules Under Electron Irradiation. <i>Microscopy and Microanalysis</i> , 2019, 25, 1510-1511.	0.4	1
5	Considerations for imaging thick, low contrast, and beam sensitive samples with liquid cell transmission electron microscopy. <i>Micron</i> , 2019, 117, 8-15.	2.2	15
6	The role of electron irradiation history in liquid cell transmission electron microscopy. <i>Science Advances</i> , 2018, 4, eaaq1202.	10.3	47
7	The formation of cerium( <i>&lt;scp&gt;iii&lt;/scp&gt;</i> ) hydroxide nanoparticles by a radiation mediated increase in local pH. <i>RSC Advances</i> , 2017, 7, 3831-3837.	3.6	55
8	Grain Growth in Nanocrystalline Mg-Al Thin Films. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 6118-6125.	2.2	7
9	Fabrication of electrocatalytic Ta nanoparticles by reactive sputtering and ion soft landing. <i>Journal of Chemical Physics</i> , 2016, 145, 174701.	3.0	14
10	Sea Spray Aerosol Structure and Composition Using Cryogenic Transmission Electron Microscopy. <i>ACS Central Science</i> , 2016, 2, 40-47.	11.3	74
11	Prohibitin as the Molecular Binding Switch in the Retinal Pigment Epithelium. <i>Protein Journal</i> , 2016, 35, 1-16.	1.6	22
12	Improved Environmental Control and Experimental Repeatability with New In-Situ Devices. <i>Microscopy and Microanalysis</i> , 2015, 21, 949-950.	0.4	0
13	Controlled Radiolytic Synthesis in the Fluid Stage. Towards Understanding the Effect of the Electron Beam in Liquids. <i>Microscopy and Microanalysis</i> , 2015, 21, 2125-2126.	0.4	0
14	Peptide-Directed Self-Assembly of Functionalized Polymeric Nanoparticles. Part II: Effects of Nanoparticle Composition on Assembly Behavior and Multiple Drug Loading Ability. <i>Macromolecular Bioscience</i> , 2015, 15, 568-582.	4.1	8
15	Survivability of TiO <sub>2</sub> nanotubes on the surface of bone screws. <i>Surface Innovations</i> , 2014, 2, 60-68.	2.3	8
16	Nitric oxide leads to cytoskeletal reorganization in the retinal pigment epithelium under oxidative stress. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 1167-1178.	0.7	23