

Martin E McBriarty

List of Publications by Year in descending order

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759233

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1146
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#	ARTICLE	IF	CITATIONS
1	In Situ Characterization of Ferroelectric HfO ₂ During Rapid Thermal Annealing. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000598.	2.4	12
2	Ferroelectric Phase Content in 7-nm Hf(1-x)/Zr(x)O ₂ Thin Films Determined by X-Ray-Based Methods. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100024.	1.8	6
3	Crystal Phase Distribution and Ferroelectricity in Ultrathin HfO ₂ –ZrO ₂ Bilayers. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900285.	1.5	16
4	Using Atom Dynamics to Map the Defect Structure Around an Impurity in Nano-Hematite. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10396-10400.	4.6	9
5	Can mineral growth by oriented attachment lead to incorporation of uranium(vi) into the structure of goethite?. <i>Environmental Science: Nano</i> , 2019, 6, 3000-3009.	4.3	10
6	Reductive Dissolution Mechanisms at the Hematite-Electrolyte Interface Probed by <i>In Situ</i> X-ray Scattering. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8077-8085.	3.1	8
7	Electrochemical Interfaces: Potential-Specific Structure at the Hematite–Electrolyte Interface (Adv.) <i>Tj ETQq1</i> 10.784314 rgBT /Ove	14.9	16
8	Potential-Specific Structure at the Hematite–Electrolyte Interface. <i>Advanced Functional Materials</i> , 2018, 28, 1705618.	14.9	16
9	Iron Vacancies Accommodate Uranyl Incorporation into Hematite. <i>Environmental Science & Technology</i> , 2018, 52, 6282-6290.	10.0	44
10	Self-organizing layers from complex molecular anions. <i>Nature Communications</i> , 2018, 9, 1889.	12.8	43
11	Dynamic Stabilization of Metal Oxide–Water Interfaces. <i>Journal of the American Chemical Society</i> , 2017, 139, 2581-2584.	13.7	60
12	Trace Uranium Partitioning in a Multiphase Nano-FeOOH System. <i>Environmental Science & Technology</i> , 2017, 51, 4970-4977.	10.0	44
13	An all-perovskite <i>p-n</i> junction based on transparent conducting <i>p</i> -La _{1-x} Sr _x CrO ₃ epitaxial layers. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	12
14	Cation synergies affect ammonia adsorption over VOX and (V,W)OX dispersed on γ -Al ₂ O ₃ (0001) and γ -Fe ₂ O ₃ (0001). <i>Surface Science</i> , 2016, 651, 41-50.	1.9	7
15	Ab Initio Molecular Dynamics of Uranium Incorporated in Goethite (γ -FeOOH): Interpretation of X-ray Absorption Spectroscopy of Trace Polyvalent Metals. <i>Inorganic Chemistry</i> , 2016, 55, 11736-11746.	4.0	42
16	Built-In Potential in Fe ₂ O ₃ –Cr ₂ O ₃ Superlattices for Improved Photoexcited Carrier Separation. <i>Advanced Materials</i> , 2016, 28, 1616-1622.	21.0	24
17	Atomic-Scale View of VO _x –WO _x Coreduction on the γ -Al ₂ O ₃ (0001) Surface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16179-16187.	3.1	9
18	Redox-driven atomic-scale changes in mixed catalysts: VOX/WOX/ γ -TiO ₂ (110). <i>RSC Advances</i> , 2014, 4, 64608-64616.	3.6	7

#	ARTICLE	IF	CITATIONS
19	Structural consequences of hydrogen intercalation of epitaxial graphene on SiC(0001). Applied Physics Letters, 2014, 105, .	3.3	49
20	Reactivity of Ultra-Thin ZnO Films Supported by Ag(111) and Cu(111): A Comparison to ZnO/Pt(111). Catalysis Letters, 2014, 144, 648-655.	2.6	71
21	Structural Transformations of Zinc Oxide Layers on Pt(111). Journal of Physical Chemistry C, 2014, 118, 28725-28729.	3.1	45
22	CO oxidation over ZnO films on Pt(111) at near-atmospheric pressures. Journal of Catalysis, 2013, 301, 227-232.	6.2	53
23	Structure and properties of a model oxide-supported catalyst under redox conditions: WO_x/Fe_2O_3 (0001). Surface Science, 2012, 606, 1367-1381.	1.9	6
24	Superconductivity and disorder in $PrOs_4Sb_{12}$. Journal of Physics Condensed Matter, 2009, 21, 385701.	1.8	7