

Gregory R Waetzig

List of Publications by Year in descending order

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13
papers

416
citations

1040056

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docs citations

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times ranked

842
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Epitaxial stabilization <i>versus</i> interdiffusion: synthetic routes to metastable cubic HfO ₂ and HfV ₂ O ₇ from the core-shell arrangement of precursors. <i>Nanoscale</i> , 2019, 11, 21354-21363. | 5.6 | 5 |
| 2 | A full palette: Crystal chemistry, polymorphism, synthetic strategies, and functional applications of lanthanide oxyhalides. <i>Journal of Solid State Chemistry</i> , 2019, 270, 569-592. | 2.9 | 23 |
| 3 | Incorporation of Hydroxyethylcellulose-Functionalized Halloysite as a Means of Decreasing the Thermal Conductivity of Oilwell Cement. <i>Scientific Reports</i> , 2018, 8, 16149. | 3.3 | 17 |
| 4 | Ligand-Mediated Control of Dopant Oxidation State and X-ray Excited Optical Luminescence in Eu-Doped LaOCl. <i>Inorganic Chemistry</i> , 2018, 57, 5842-5849. | 4.0 | 15 |
| 5 | In a Different Light: Deciphering Optical and X-ray Sensitization Mechanisms in an Expanded Palette of LaOCl Phosphors. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16412-16423. | 3.1 | 11 |
| 6 | Traversing Energy Landscapes Away from Equilibrium: Strategies for Accessing and Utilizing Metastable Phase Space. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25709-25728. | 3.1 | 75 |
| 7 | Real-time atomistic observation of structural phase transformations in individual hafnia nanorods. <i>Nature Communications</i> , 2017, 8, 15316. | 12.8 | 59 |
| 8 | Direct Observation of Hafnia Structural Phase Transformations. <i>Microscopy and Microanalysis</i> , 2017, 23, 2092-2093. | 0.4 | 0 |
| 9 | Building on Sub-Arctic Soil: Geopolymerization of Muskeg to a Densified Load-Bearing Composite. <i>Scientific Reports</i> , 2017, 7, 14711. | 3.3 | 9 |
| 10 | Salt flux synthesis of single and bimetallic carbide nanowires. <i>Materials Research Express</i> , 2016, 3, 074002. | 1.6 | 5 |
| 11 | Stabilizing metastable tetragonal HfO ₂ using a non-hydrolytic solution-phase route: ligand exchange as a means of controlling particle size. <i>Chemical Science</i> , 2016, 7, 4930-4939. | 7.4 | 29 |
| 12 | X-ray excited photoluminescence near the giant resonance in solid-solution Gd _{1-x} Tb _x OCl nanocrystals and their retention upon solvothermal topotactic transformation to Gd _{1-x} Tb _x F ₃ . <i>Nanoscale</i> , 2016, 8, 979-986. | 5.6 | 15 |
| 13 | Carbides of group IVA, VA and VIA transition metals as alternative HER and ORR catalysts and support materials. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10085-10091. | 10.3 | 153 |