

Michael M Oye

List of Publications by Year in descending order

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20
papers

754
citations

759233

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20
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docs citations

20
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertical graphene by plasma-enhanced chemical vapor deposition: Correlation of plasma conditions and growth characteristics. <i>Journal of Materials Research</i> , 2014, 29, 417-425.	2.6	23
2	Resistive switching in single vertically-aligned ZnO nanowire grown directly on Cu substrate. <i>Chemical Physics Letters</i> , 2013, 575, 112-114.	2.6	12
3	Controlled growth of vertical ZnO nanowires on copper substrate. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	14
4	Vertical ZnO nanowire growth on metal substrates. <i>Nanotechnology</i> , 2012, 23, 194015.	2.6	66
5	Influence of metal-ligand ratio on benzimidazole based luminescent lanthanide complexes: 3-D network structures and chloride anion binding. <i>New Journal of Chemistry</i> , 2011, 35, 310-318.	2.8	26
6	Transformation of a Luminescent Benzimidazole-Based Yb ³⁺ Cluster into a One-Dimensional Coordination Polymer. <i>Crystal Growth and Design</i> , 2010, 10, 970-976.	3.0	26
7	Role of ion damage on unintentional Ca incorporation during the plasma-assisted molecular-beam epitaxy growth of dilute nitrides using N ₂ /Ar source gas mixtures. <i>Journal of Vacuum Science & Technology B</i> , 2008, 26, 1058.	1.3	2
8	Effects of different plasma species (atomic N, metastable N ₂ [*] , and ions) on the optical properties of dilute nitride materials grown by plasma-assisted molecular-beam epitaxy. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	14
9	Design and synthesis of a near infra-red luminescent hexanuclear Zn-Nd prism. <i>Chemical Communications</i> , 2006, , 1836-1838.	4.1	142
10	Multinuclear Luminescent Schiff-Base Zn-Nd Sandwich Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 4340-4345.	4.0	139
11	Near Infrared Luminescence and Supramolecular Structure of a Helical Triple-Decker Yb(III) Schiff Base Cluster. <i>Crystal Growth and Design</i> , 2006, 6, 2122-2125.	3.0	50
12	Synthesis, crystal structures and antenna-like sensitization of visible and near infrared emission in heterobimetallic Zn-Eu and Zn-Nd Schiff base compounds. <i>Polyhedron</i> , 2006, 25, 271-278.	2.2	78
13	Supramolecular assembly of nanometer-sized heterobimetallic 3d-4f complexes formed with benzimidazole based N,O-donor ligands. <i>Polyhedron</i> , 2006, 25, 881-887.	2.2	22
14	Critical RF damage conditions for the plasma-assisted molecular beam epitaxy growth of GaInNAs with dilute N ₂ /Ar gas mix. <i>Journal of Crystal Growth</i> , 2005, 280, 7-15.	1.5	3
15	Ion damage effects from negative deflector plate voltages during the plasma-assisted molecular-beam epitaxy growth of dilute nitrides. <i>Applied Physics Letters</i> , 2005, 86, 221902.	3.3	9
16	Diffusion mechanisms of indium and nitrogen during the annealing of InGaAs quantum wells with GaNAs barriers and GaAs spacer layers. <i>Applied Physics Letters</i> , 2005, 86, 151903.	3.3	12
17	Synthesis and near infrared luminescence of a tetrametallic Zn ₂ Yb ₂ architecture from a trinuclear Zn ₃ L ₂ Schiff base complex. <i>Dalton Transactions</i> , 2005, , 849.	3.3	95
18	Construction of a variable aperture cell for source flux control in a molecular-beam epitaxy environment. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 735.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Rapid thermal annealing effects on the photoluminescence properties of molecular beam epitaxy-grown GaIn(N)As quantum wells with Ga(N)As spacers and barriers. Journal of Electronic Materials, 2004, 33, 851-860.	2.2	8
20	Time and temperature dependence on rapid thermal annealing of molecular beam epitaxy grown Ga _{0.8} In _{0.2} N _{0.01} As _{0.99} quantum wells analyzed using photoluminescence. Journal of Electronic Materials, 2003, 32, 29-33.	2.2	10