

Subramanian Krs Sankaranarayanan

List of Publications by Year in descending order

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papers

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docs citations

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399
citing authors

#	ARTICLE	IF	CITATIONS
1	Photon-assisted oxidation and oxide thin film synthesis: A review. Progress in Materials Science, 2009, 54, 981-1057.	32.8	67
2	Atomistic insights into solvation dynamics and conformational transformation in thermo-sensitive and non-thermo-sensitive oligomers. Polymer, 2013, 54, 210-222.	3.8	47
3	Controlling the aqueous solubility of PNIPAM with hydrophobic molecular units. Computational Materials Science, 2017, 126, 191-203.	3.0	37
4	Influence of surface orientation and defects on early-stage oxidation and ultrathin oxide growth on pure copper. Philosophical Magazine, 2011, 91, 4073-4088.	1.6	35
5	The interfacial dynamics of water sandwiched between graphene sheets are governed by the slit width. Surface Science, 2013, 609, 129-139.	1.9	22
6	Atomistic Modeling of Ultrathin Surface Oxide Growth on a Ternary Alloy: Oxidation of Al [~] Ni [~] Fe. Journal of Physical Chemistry C, 2011, 115, 6571-6580.	3.1	18
7	Atomic scale characterization of the conformational dynamics of a thermo-sensitive and a non-thermo-sensitive oligomer using vibrational spectra obtained from molecular dynamics. Polymer, 2012, 53, 1306-1320.	3.8	11
8	Strong correlations between structural order and passive state at water-copper oxide interfaces. Electrochimica Acta, 2015, 179, 386-393.	5.2	10