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Title:	Simulations and Experimental Characterization of Plasmonic Metals(Au and Pd)
Authors:	Pegu, Akumoni (/jspui/browse?type=author&value=Pegu%2C+Akumoni)
Keywords:	Plasmonic Theory Behind Plasmons Electromagnetic Waves
Issue Date:	Nov-2017
Publisher:	IISER Mohali
Abstract:	Surface plasmon frequency of different metal thin films Au, Ag, Cu, Ti, and Pd is simulated considering it as an important parameter for integration into existing UV-VIS applications. Au is lucrative for 2.6 eV integration and usage, while other metals Ag, Cu, Ti and Pd are responsive in UV regime up to 6.6 eV.
URI:	http://hdl.handle.net/123456789/3637 (http://hdl.handle.net/123456789/3637)
Appears in Collections:	MS-12 (/jspui/handle/123456789/723)

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