Prof. Mostafa A. El-Sayed’s Publications: (updated 7/31/18)

Total publications: 756, total citations: 105377, H-index: 119

Publications from 1 to 332 are on research carried out at UCLA in the field of chemical physics, spectroscopy, and electronic energy relaxation in molecules and matter in different phases while publications from 333 to present are on research carried out at the LDL (Georgia Tech, http://ldl.gatech.edu) started in 1994 and mostly in the field of nanoscience and nanotechnology. For more information, please visit Prof. El-Sayed’s google scholar web page.

List of Publications at UCLA (1-332):


**List of Publications at Laser Dynamics Lab (LDL) at Georgia Tech:**


***MOST CITED 2006 JACS ARTICLE!!! - as of Mar 31, 2008***


***#1 most cited JPCB article of 2006 to date (Oct 27, 2009)***


***#2 most cited Photochemistry and Photobiology article of 2006 to date (Oct 27, 2009)***


***#12 most cited JPCB article of 2006 to date (Oct 27, 2009)***


***#5 most cited 2006 JPCB article - as of Mar 31, 2008***


***#1 most cited Nano Today article to date (Oct 27, 2009)***


***#1 most cited Plasmonics article to date (Oct 27, 2009)***


**#1 most cited Nanomedicine article to date (Oct 27, 2009)**


*** #1 most cited Lasers in Medical Science article of 2008 to date (Oct 27, 2009) ***


*** Frontier Article and Journal Cover *** (2nd most downloaded paper of the journal as listed in June 2010)


640. Szymanski, P.; Mahmoud, M. A.; El-Sayed, M. A. The Last Step in Converting the Surface Plasmonic Energy into Heat by Nanocages and Nanocubes on Substrates. Small 2013, 9 (23), 3934-3938.


720. AS Abdoon, EA Al-Ashkar, OM Kandil, AM Shaban, HM Khaled, MA El Sayed, MM El Shaer, AH Shaalan, WH Eisa, AA Shabaka, Efficacy and toxicity of plasmonic photothermal therapy (PPTT) using gold nanorods (GNRs) against mammary tumors in dogs and cats, Nanomedicine: Nanotechnology, Biology and Medicine, 2016, 12 (8), 2291-2297.


729. N Hooshmand, SR Panikkanvalappil, MA El-Sayed, Effects of the substrate refractive index, the exciting light propagation direction, and the relative cube orientation on the plasmonic coupling

730. D Chen, X Xiong, B Zhao, MA Mahmoud, MA El-Sayed, M Liu, Probing structural evolution and charge storage mechanism of NiO2Hx electrode materials using in operando resonance Raman spectroscopy, Advanced Science, 2016, 3 (6) 1500433.


739. M He, B Li, X Cui, B Jiang, Y He, Y Chen, D O'Neil, P Szymanski, MA El-Sayed, J Huang, Z Lin, Meniscus-assisted solution printing of large-grained perovskite films for high-efficiency solar cells, Nature Communications, 2017, 8, 16045.


