

# Jeremy Mallet

## List of Publications by Year in descending order

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15  
papers

321  
citations

840776

11  
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996975

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15  
docs citations

15  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of Homogeneous Luminescent Silicon-Terbium Nanowires by One-Step Electrodeposition in Ionic Liquids. <i>Nanomaterials</i> , 2020, 10, 2390.	4.1	6
2	Synthesis of Core-Shell Al/tiO <sub>2</sub> Nanotube Composites by Electrochemical Methods. <i>Journal of the Electrochemical Society</i> , 2020, 167, 112503.	2.9	1
3	Role of electrochemical process parameters on the electrodeposition of silicon from 1-butyl-1-methylpyrrolidinium bis(trifluoromethanesulfonyl)imide ionic liquid. <i>Electrochimica Acta</i> , 2018, 265, 166-174.	5.2	14
4	Single step electrodeposition process using ionic liquid to grow highly luminescent silicon/rare earth (Er, Tb) thin films with tunable composition. <i>RSC Advances</i> , 2018, 8, 3789-3797.	3.6	15
5	Strong Room-Temperature Visible Photoluminescence of Amorphous Si Nanowires Prepared by Electrodeposition in Ionic Liquids. <i>ACS Photonics</i> , 2018, 5, 2652-2660.	6.6	5
6	All electrochemical process for synthesis of Si coating on TiO <sub>2</sub> nanotubes as durable negative electrode material for lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 393, 43-53.	7.8	20
7	Electrochemical synthesis of 1D core-shell Si/TiO <sub>2</sub> nanotubes for lithium ion batteries. <i>Journal of Power Sources</i> , 2017, 361, 243-248.	7.8	39
8	Heat shock protein 70 regulates platelet integrin activation, granule secretion and aggregation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C568-C575.	4.6	31
9	Self-organization of TiO <sub>2</sub> nanotubes in mono-, di- and tri-ethylene glycol electrolytes. <i>Electrochimica Acta</i> , 2016, 204, 287-293.	5.2	15
10	Low electric field strength self-organization of anodic TiO <sub>2</sub> nanotubes in diethylene glycol electrolyte. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6655-6661.	10.3	22
11	Electrodeposition of silicon nanotubes at room temperature using ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16446.	2.8	20
12	Temperature and pH influences on the structural and the emission properties of electrodeposited CdSe nanowires. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1041-1047.	2.5	6
13	Aging effect on the copper sorption on a vineyard soil: Column studies and SEM-EDS analysis. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 47-54.	9.4	33
14	Electrodeposition of Co <sub>x</sub> Pt <sub>1-x</sub> Thin Films. <i>Journal of the Electrochemical Society</i> , 2005, 152, C27.	2.9	28
15	Fabrication and magnetic properties of fcc Co <sub>x</sub> Pt <sub>1-x</sub> nanowires. <i>Applied Physics Letters</i> , 2004, 84, 3900-3902.	3.3	66