

# Venkateswarlu Kotharu

## List of Publications by Year in descending order

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15  
papers

1,163  
citations

932766

10  
h-index

1199166

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced visible light photocatalytic activity of P-block elements (C, N and F) doped porous TiO <sub>2</sub> coatings on Cp-Ti by micro-arc oxidation. <i>Journal of Porous Materials</i> , 2015, 22, 545-557.	1.3	17
2	Fabrication, characterization and in-vitro evaluation of nanostructured zirconia/hydroxyapatite composite film on zirconium. <i>Surface and Coatings Technology</i> , 2014, 238, 58-67.	2.2	91
3	Role of electrolyte chemistry on electronic and in vitro electrochemical properties of micro-arc oxidized titania films on Cp Ti. <i>Electrochimica Acta</i> , 2013, 105, 468-480.	2.6	119
4	Effect of K <sub>2</sub> TiF <sub>6</sub> and Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> as electrolyte additives on pore morphology and corrosion properties of plasma electrolytic oxidation coatings on ZM21 magnesium alloy. <i>Surface and Coatings Technology</i> , 2013, 222, 31-37.	2.2	78
5	Surface morphology, corrosion resistance and in vitro bioactivity of P containing ZrO <sub>2</sub> films formed on Zr by plasma electrolytic oxidation. <i>Journal of Alloys and Compounds</i> , 2013, 553, 324-332.	2.8	65
6	Fabrication and characterization of micro-arc oxidized fluoride containing titania films on Cp Ti. <i>Ceramics International</i> , 2013, 39, 801-812.	2.3	58
7	Role of Electric Pulse Duty and Frequency on Properties of Micro-Arc Oxidized Titania Films Developed on Ti-6Al-4V. <i>Materials Science Forum</i> , 2013, 765, 688-692.	0.3	1
8	Effect of Plasma Electrolytic Surface Treatment on the Corrosion Characteristics of the Ti-6Al-4V in Acidic, Industrial and Marine Environments. <i>Materials Science Forum</i> , 2012, 710, 677-682.	0.3	1
9	Role of electrolyte additives on in-vitro electrochemical behavior of micro arc oxidized titania films on Cp Ti. <i>Applied Surface Science</i> , 2012, 258, 6853-6863.	3.1	73
10	Fabrication of corrosion resistant, bioactive and antibacterial silver substituted hydroxyapatite/titania composite coating on Cp Ti. <i>Ceramics International</i> , 2012, 38, 731-740.	2.3	91
11	Effect of various additives on morphology and corrosion behavior of ceramic coatings developed on AZ31 magnesium alloy by plasma electrolytic oxidation. <i>Ceramics International</i> , 2012, 38, 4607-4615.	2.3	182
12	X-ray peak broadening studies of nanocrystalline hydroxyapatite by Williamson-Hall analysis. <i>Physica B: Condensed Matter</i> , 2010, 405, 4256-4261.	1.3	362
13	Effect of Electrolyte Chemistry on the Structural, Morphological and Corrosion Characteristics of Titania Films Developed on Ti-6Al-4V Implant Material by Plasma Electrolytic Oxidation. <i>Key Engineering Materials</i> , 0, 493-494, 436-441.	0.4	3
14	Studies on Development, Bioactivity and Corrosion Behaviour of Nanostructured Titania/Hydroxyapatite Composite Layer on Cp Ti. <i>Key Engineering Materials</i> , 0, 471-472, 325-330.	0.4	1
15	Plasma Electrolytic Oxidation and Characterization of Spark Plasma Sintered Magnesium/Hydroxyapatite Composites. <i>Materials Science Forum</i> , 0, 765, 827-831.	0.3	21