

Venkateswarlu Kotharu

List of Publications by Year in descending order

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15
papers

1,163
citations

932766

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1199166

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15
all docs

15
docs citations

15
times ranked

1312
citing authors

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