

# Iulian Vasile Antoniac

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

1,119  
citations

18  
h-index

26  
g-index

170  
ext. papers

1,585  
ext. citations

2.2  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
140	Fluoride Treatment and In Vitro Corrosion Behavior of Mg-Nd-Y-Zn-Zr Alloys Type.. <i>Materials</i> , <b>2022</b> , 15,	3.5	2
139	Magnesium-Based Alloys Used in Orthopedic Surgery.. <i>Materials</i> , <b>2022</b> , 15,	3.5	6
138	Additives Imparting Antimicrobial Properties to Acrylic Bone Cements. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
137	Magnetic Nanoparticles Used in Oncology. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
136	Surface Characterization of Fracture in Polylactic Acid vs. PLA + Particle (Cu, Al, Graphene) Insertions by 3D Fused Deposition Modeling Technology. <i>Coatings</i> , <b>2021</b> , 11, 633	2.9	1
135	Evaluation on the corrosion resistance, antibacterial property and osteogenic activity of biodegradable Mg-Ca and Mg-Ca-Zn-Ag alloys. <i>Journal of Magnesium and Alloys</i> , <b>2021</b> ,	8.8	5
134	characterization of novel nanostructured collagen-hydroxyapatite composite scaffolds doped with magnesium with improved biodegradation rate for hard tissue regeneration. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3383-3395	16.7	8
133	Nanoparticles and Nanostructured Surface Fabrication for Innovative Cranial and Maxillofacial Surgery. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
132	Geometric Analysis of Type B Aortic Dissections Shows Aortic Remodeling After Intervention Using Multilayer Stents. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
131	Novel Hybrid Composites Based on PVA/SeTiO Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications: Correlations between Structural, Morphological and Biocompatibility Properties. <i>Materials</i> , <b>2020</b> , 13,	3.5	16
130	Tricalcium phosphate cement supplemented with boron nitride nanotubes with enhanced biological properties. <i>Materials Science and Engineering C</i> , <b>2020</b> , 114, 111044	8.3	7
129	Synchronous Multiple Breast Cancers-Do We Need to Reshape Staging?. <i>Medicina (Lithuania)</i> , <b>2020</b> , 56,	3.1	2
128	Iron Ion-Doped Tricalcium Phosphate Coatings Improve the Properties of Biodegradable Magnesium Alloys for Biomedical Implant Application. <i>Advanced Materials Interfaces</i> , <b>2020</b> , 7, 2000531	4.6	14
127	Failure Analysis of Retrieved Osteosynthesis Implants. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
126	Rare Breast Carcinoma with Paradoxical Plasma Cell Immunoprofile: A Case Report. <i>Medicina (Lithuania)</i> , <b>2020</b> , 56,	3.1	1
125	Fatal outcome of gastric perforation due to infection with <i>Sarcina</i> spp. A case report. <i>IDCases</i> , <b>2020</b> , 19, e00711	2	5
124	Controlling the Degradation Rate of Biodegradable Mg-Zn-Mn Alloys for Orthopedic Applications by Electrophoretic Deposition of Hydroxyapatite Coating. <i>Materials</i> , <b>2020</b> , 13,	3.5	12

123	Development of Bionanocomposites Based on PLA, Collagen and AgNPs and Characterization of Their Stability and In Vitro Biocompatibility. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 2265	2.6	5
122	Comparative Assessment of In Vitro and In Vivo Biodegradation of Mg-1Ca Magnesium Alloys for Orthopedic Applications. <i>Materials</i> , <b>2020</b> , 14,	3.5	9
121	A bioceramic scaffold composed of strontium-doped three-dimensional hydroxyapatite whiskers for enhanced bone regeneration in osteoporotic defects. <i>Theranostics</i> , <b>2020</b> , 10, 1572-1589	12.1	36
120	In Vitro Properties of Manganese-Substituted Tricalcium Phosphate Coatings for Titanium Biomedical Implants Deposited by Arc Plasma. <i>Materials</i> , <b>2020</b> , 13,	3.5	10
119	Properties and in vitro assessment of ZrO <sub>2</sub> -based coatings obtained by atmospheric plasma jet spraying on biodegradable Mg-Ca and Mg-Ca-Zr alloys. <i>Ceramics International</i> , <b>2020</b> , 46, 15897-15906	5.1	14
118	Naturally-Derived Biphasic Calcium Phosphates through Increased Phosphorus-Based Reagent Amounts for Biomedical Applications. <i>Materials</i> , <b>2019</b> , 12,	3.5	16
117	Investigations into Ti-15Mo-W Alloys Developed for Medical Applications. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
116	Gastric Adenocarcinoma Associated with Acute Endocarditis of the Aortic Valve and Coronary Artery Disease in a 61-Year-Old Male with Multiple Comorbidities-Combined Surgical Management-Case Report. <i>Medicina (Lithuania)</i> , <b>2019</b> , 55,	3.1	9
115	Corrosion behavior of AlCrFeNiMn high entropy alloy in a geothermal environment. <i>Geothermics</i> , <b>2019</b> , 81, 32-38	4.3	9
114	Magnesium Filled Polylactic Acid (PLA) Material for Filament Based 3D Printing. <i>Materials</i> , <b>2019</b> , 12,	3.5	37
113	Failure Analysis of a Humeral Shaft Locking Compression Plate-Surface Investigation and Simulation by Finite Element Method. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
112	Bone Substitutes in Orthopedic and Trauma Surgery <b>2019</b> , 341-366		
111	Developments in Hydrogel-based Scaffolds and Bioceramics for Bone Regeneration <b>2019</b> , 39-56		2
110	In vitro corrosion behavior of Ti-Mo-W alloys in artificial saliva. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 572, 012028	0.4	
109	Synthesis and characterization of biocompatible polymer-ceramic film structures as favorable interface in guided bone regeneration. <i>Applied Surface Science</i> , <b>2019</b> , 494, 335-352	6.7	11
108	Sic Parvis Magna: Manganese-Substituted Tricalcium Phosphate and Its Biophysical Properties. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 6632-6644	5.5	13
107	The Sintering Behaviour and Mechanical Properties of Hydroxyapatite - Based Composites for Bone Tissue Regeneration <b>2019</b> , 56, 644-648		4
106	Investigation of the Microstructure, Hardness and Corrosion Resistance of a New 58Ag24Pd11Cu2Au2Zn1.5In1.5Sn Dental Alloy. <i>Materials</i> , <b>2019</b> , 12,	3.5	3

105	Biopolymers - Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 612-620	7.9	35
104	Correlations between connector geometry and strength of zirconia-based fixed partial dentures. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 222, 96-109	4.4	1
103	Synthetic Materials for Osteochondral Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1058, 31-52	3.6	21
102	Osteoblast Cell Response to Naturally Derived Calcium Phosphate-Based Materials. <i>Materials</i> , <b>2018</b> , 11,	3.5	13
101	Graphene-Based Nanomaterials for Tissue Engineering in the Dental Field. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	69
100	Hydroxyapatite coatings on Mg-Ca alloy prepared by Pulsed Laser Deposition: Properties and corrosion resistance in Simulated Body Fluid. <i>Ceramics International</i> , <b>2018</b> , 44, 16678-16687	5.1	23
99	Adhesion of Scaffolds with Implants to the Mandibular Bone with a Defect A finite element analysis <b>2018</b> , 55, 393-397		2
98	Eco-friendly, Facile and Rapid Way for Synthesis of Selenium Nanoparticles Production, structural and morphological characterisation. <i>Revista De Chimie (discontinued)</i> , <b>2018</b> , 68, 2963-2966	1.8	16
97	Influence of the Bone Cements Processing on the Mechanical Properties in Cranioplasty. <i>Revista De Chimie (discontinued)</i> , <b>2018</b> , 69, 990-993	1.8	2
96	Structural Characterization of Mg-0.5Ca-xY Biodegradable Alloys. <i>Key Engineering Materials</i> , <b>2018</b> , 782, 129-135	0.4	4
95	Some Tribological Aspects of Mg-0.5Ca-xY Biodegradable Materials. <i>Key Engineering Materials</i> , <b>2018</b> , 782, 136-141	0.4	1
94	Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating. <i>Journal of Adhesion Science and Technology</i> , <b>2018</b> , 32, 2509-2522	2	20
93	Adverse local tissue reaction after 2 revision hip replacements for ceramic liner fracture: A case report. <i>Medicine (United States)</i> , <b>2017</b> , 96, e6687	1.8	11
92	Effect of the surface modification of the synthetic meshes used in the surgical treatment of pelvic organ prolapse on the tissue adhesion and clinical functionality. <i>Journal of Adhesion Science and Technology</i> , <b>2017</b> , 31, 2028-2043	2	1
91	Influence of high temperature exposure on the adhesion of a micro-composite refractory enamel to a Ni <sub>8</sub> Cr <sub>12</sub> W superalloy. <i>Journal of Adhesion Science and Technology</i> , <b>2017</b> , 31, 2555-2570	2	2
90	Bioactive Glasses in Treating Bone Infections. <i>Key Engineering Materials</i> , <b>2017</b> , 758, 245-249	0.4	0
89	Investigation of Biodegradation Behavior of an Mg-1Ca Alloy during In Vivo Testing. <i>Key Engineering Materials</i> , <b>2017</b> , 752, 87-92	0.4	2
88	Algorithms for Clinical Indications of Bone Substitutes - Component of Training in Orthopaedic Surgery. <i>Key Engineering Materials</i> , <b>2017</b> , 758, 217-222	0.4	

87	Clavicle anatomical osteosynthesis plate breakage - failure analysis report based on patient morphological parameters. <i>Romanian Journal of Morphology and Embryology</i> , <b>2017</b> , 58, 593-598	0.6	7
86	Hydrogen Evolution Analyzed on Various Magnesium Alloys. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 152-156	4	
85	The Outcome of Tricalcium Phosphate Wedges Used in Opening High Tibial Osteotomy. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 139-143	0.4	
84	Guided Bone Regeneration for Dental Implants <b>2016</b> , 1029-1073		
83	Clinical Limitations of the Biodegradable Implants Used in Arthroscopy <b>2016</b> , 935-965		
82	Current Implants Used in Cranioplasty <b>2016</b> , 1275-1307		1
81	Novel nanocomposite membranes from cellulose acetate and clay-silica nanowires. <i>Polymers for Advanced Technologies</i> , <b>2016</b> , 27, 1586-1595	3.2	63
80	SEM Evaluation of Denture Base Materials Used in Clinical Practice. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 91-95	0.4	
79	Collagen/Bioceramic Smart Composites <b>2016</b> , 301-324		1
78	Evolution of Cementation Techniques and Bone Cements in Hip Arthroplasty <b>2016</b> , 859-899		0
77	Bioceramic Coatings for Metallic Implants <b>2016</b> , 703-733		8
76	Bioceramics and Biocomposites from Marine Sources. <i>Key Engineering Materials</i> , <b>2016</b> , 672, 276-292	0.4	6
75	Properties and Characterization of Chitosan/Collagen/PMMA Composites Containing Hydroxyapatite. <i>Key Engineering Materials</i> , <b>2016</b> , 672, 247-256	0.4	6
74	Shear bond strength tests of zirconia veneering ceramics after chipping repair. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 666-676	2	12
73	Electrochemical characteristics of bioresorbable binary MgCa alloys in Ringer's solution: Revealing the impact of local pH distributions during in-vitro dissolution. <i>Materials Science and Engineering C</i> , <b>2016</b> , 60, 402-410	8.3	32
72	Ni-Ti ROTARY INSTRUMENT FRACTURE ANALYSIS AFTER CLINICAL USE. STRUCTURE CHANGES IN USED INSTRUMENTS. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 981-988	0.6	6
71	COMPARISON OF PAIN LEVEL DURING AND AFTER INTRAUTERINE DEVICE INSERTION: LEVONORGESTREL-RELEASING INTRAUTERINE SYSTEM VERSUS THE COPPER T INTRAUTERINE DEVICE. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 965-972	0.6	
70	EDITORIAL - ADVANCED ECO-TECHNOLOGIES AND MATERIALS FOR ENVIRONMENTAL AND HEALTH APPLICATION. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 953-954	0.6	

69	Pretibial Cyst Formation in ACL Reconstruction - A Case Report. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 111-117	0.4	1
68	Fixation System Design in Ipsilateral Proximal Femur and Diaphyseal Fractures in Elderly Patients. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 106-110	0.4	1
67	Metallurgical Failure Analysis of Intramedullary Nail Used for Femoral Fracture Stabilization. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 178-182	0.4	
66	Mechanical Failure of Angle Locking Plates in Distal Comminuted Tibial Fractures. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 118-122	0.4	1
65	Retrieval Analysis of Hip Prostheses <b>2016</b> , 901-933		
64	Glass-ceramic coated Mg-Ca alloys for biomedical implant applications. <i>Materials Science and Engineering C</i> , <b>2016</b> , 64, 362-369	8.3	46
63	The nanofiller effect on properties of experimental graphene dental nanocomposites. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 1779-1794	2	18
62	Handbook of Bioceramics and Biocomposites <b>2016</b> ,		19
61	Adhesion evaluation of different bioceramic coatings on Mg-Ca alloys for biomedical applications. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 1968-1983	2	18
60	Bioactivity of Retrograde Dental Root Filling Materials. <i>Key Engineering Materials</i> , <b>2016</b> , 695, 236-242	0.4	1
59	In Vitro Assessment of a New Proposed Biomaterial and Dental Implant Abutments Understatic Load. <i>Advanced Materials Research</i> , <b>2015</b> , 1114, 266-271	0.5	
58	Effect of Calcium Content on the Microstructure and Degradation of Mg-Ca Binary Alloys Potentially Used as Orthopedic Biomaterials. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 104-108	0.4	1
57	Bisphosphonates vs. Atypical Femur Fractures - Influence on Bone Resorption. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 296-300	0.4	0
56	Bleeding Disorders [A Frequent Complication Related to the Use of Intrauterine Device with Low Dose Hormonal Mechanism of Action. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 216-221	0.4	
55	Erosion Effects on Morphology and Chemical Composition of Direct Dental Restoratives. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 286-295	0.4	1
54	Analysis of Centromedullary Nailing with Implant Failure. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 130-134	0.4	3
53	A Study on Metal-Ceramic Interface on Metal Base Dental Alloys. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 14-19	0.4	4
52	Cellulose Derivatives Based Membranes for Biomedical Applications. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 27-30	0.4	5

51	Variability of the composite resins adhesion with the dental substrate preparation and the used adhesive type. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 1-11	2	2
50	Modification of titanium surface with collagen and doxycycline as a new approach in dental implants. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 29, 2537-2550	2	20
49	Metal Allergy and other Adverse Reactions in Patients with Total Hip Replacement. <i>Advanced Materials Research</i> , <b>2015</b> , 1114, 283-287	0.5	9
48	Cooling Conditions Influence on Cortical Bovine Bones Derived Hydroxyapatite. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 111-116	0.4	1
47	Structural characterization and adhesion appraisal of TiN and TiCN coatings deposited by CAE-PVD technique on a new carbide composite cutting tool. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 29, 2576-2589	2	20
46	Biomaterials View on the Complications Associated with Hip Resurfacing Arthroplasty. <i>Advanced Materials Research</i> , <b>2015</b> , 1114, 247-252	0.5	4
45	Choosing the Biomaterials for Hernia Mesh Fixation in Correlation with Surgical Procedure. <i>Advanced Materials Research</i> , <b>2015</b> , 1114, 253-257	0.5	1
44	Relationship between Biomaterials Structure Used in Hernia Mesh Fixation and Chronic Infection. <i>Advanced Materials Research</i> , <b>2015</b> , 1114, 278-282	0.5	
43	Assessment of the sealant/tooth interface using optical coherence tomography. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 29, 49-58	2	17
42	Corrosion Behavior of TiSiN Coatings Deposited on Ni-Cr Alloy in Artificial Saliva with and without Fluoride. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 47-53	0.4	1
41	XRD and Microstructural Analyses on Biodegradable Mg Alloys. <i>Key Engineering Materials</i> , <b>2015</b> , 638, 79-84	0.4	4
40	Bioceramic Coatings for Metallic Implants <b>2015</b> , 1-31		2
39	Clinical Limitations of the Biodegradable Implants Used in Arthroscopy <b>2015</b> , 1-31		1
38	Retrieval Analysis of Hip Prostheses <b>2015</b> , 1-33		
37	CollagenBioceramic Smart Composites <b>2015</b> , 1-25		
36	Preparation and cytocompatibility evaluation for hydrosoluble phosphorous acid-derivatized cellulose as tissue engineering scaffold material. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 1115-27	4.5	21
35	The Study of Microstructure of the MgCa Alloys in their Use in Biodegradable Orthopedic Implants. <i>Advanced Materials Research</i> , <b>2014</b> , 1036, 207-211	0.5	3
34	Potential Solutions to Increase the Corrosion Resistance of Metallic Surgical Instruments Using Different Types of Ceramic Coatings. <i>Key Engineering Materials</i> , <b>2014</b> , 614, 206-211	0.4	3



33	Tribological Tests and SEM Analysis for Titanium Oxide Layers. <i>Key Engineering Materials</i> , <b>2014</b> , 614, 74-79	0.4	2
32	Metallic Biomaterials Processing Technologies in Order to Obtain a New Design for a Hip Prosthesis Femoral Component. <i>Solid State Phenomena</i> , <b>2014</b> , 216, 239-242	0.4	1
31	Hydrolytic Degradation of Dental Composites. <i>Key Engineering Materials</i> , <b>2014</b> , 614, 113-117	0.4	1
30	Biologically Responsive Biomaterials for Tissue Engineering. <i>Springer Series in Biomaterials Science and Engineering</i> , <b>2013</b> ,	0.6	7
29	Synthesis and characterization of polyurethane sealants containing rosin intended for sealing defect in annulus for disc regeneration. <i>International Journal of Adhesion and Adhesives</i> , <b>2013</b> , 42, 11-20	3.4	18
28	The effect of processing parameters on the bond strength and electrical conductivity of multi-wall carbon nanotube/low-density polyethylene composite. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 2433-2445	2	1
27	Biodegradability of some Collagen Sponges Reinforced with Different Bioceramics. <i>Key Engineering Materials</i> , <b>2013</b> , 587, 179-184	0.4	1
26	Development of Modified Viscoelastic Solution with Magnetic Nanoparticles [Potential Method for Targeted Treatment of Chondral Injuries. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 145-149	0.4	1
25	Correlation between Materials, Design and Clinical Issues in the Case of Associated Use of Different Stainless Steels as Implant Materials. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 41-44	0.4	3
24	The Functionalization of Remaining Solvent in Polymeric Membrane Pores for Biomedical Applications. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 87-90	0.4	
23	Clinical, Biomechanical and Biomaterials Approach in the Case of Fracture Repair Using Different Systems Type Plate-Screw. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 150-154	0.4	4
22	Corrosion Behavior of Ti6Al4V Coated with SiOx by PECVD Technology. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 22-27	0.4	4
21	Energy Dispersive Techniques Using X-Ray Fluorescence with Primary X-Rays for Human Hard Tissues Analysis. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 129-133	0.4	
20	New Polyurethane Sealants Containing Rosin for Non-Invasive Disc Regeneration Surgery. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 67-79	0.4	1
19	Development of Bioabsorbable Interference Screws: How Biomaterials Composition and Clinical and Retrieval Studies Influence the Innovative Screw Design and Manufacturing Processes. <i>Springer Series in Biomaterials Science and Engineering</i> , <b>2013</b> , 107-136	0.6	5
18	Study of the Expansion Behaviour of Some Materials Used in the Dental Metal-Ceramic Technology. <i>Key Engineering Materials</i> , <b>2013</b> , 587, 366-371	0.4	
17	New Titanium Alloys Potentially Used for Metal-Ceramic Applications in Medicine. <i>Key Engineering Materials</i> , <b>2013</b> , 587, 287-292	0.4	
16	The Influence of Classical and Modern Manufacturing Technologies on the Properties of Metal Dental Bridges. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 163-168	0.4	4



15	Investigation of a Mechanical Valve Impairment after Eight Years of Implantation. <i>Key Engineering Materials</i> , <b>2013</b> , 583, 137-144	0.4	
14	Molecular Scissors: From Biomaterials Implant to Tissue Remodeling. <i>Springer Series in Biomaterials Science and Engineering</i> , <b>2013</b> , 17-41	0.6	1
13	Ni-Cr based dental alloys; Ni release, corrosion and biological evaluation. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 1452-60	8.3	29
12	A Study on Trace Elements Concentration in Bone Particles by XRF Analysis. <i>Solid State Phenomena</i> , <b>2012</b> , 188, 37-40	0.4	8
11	Metallurgical Characterization of some Magnesium Alloys for Medical Applications. <i>Solid State Phenomena</i> , <b>2012</b> , 188, 109-113	0.4	7
10	Failure Analysis of some Retrieved Orthopedic Implants Based on Materials Characterization. <i>Solid State Phenomena</i> , <b>2012</b> , 188, 114-117	0.4	5
9	Heat Treatments Influence on Corrosion Resistance of some New Dental Cobalt Alloys. <i>Solid State Phenomena</i> , <b>2012</b> , 188, 93-97	0.4	4
8	Corrosion Behavior in Ringer Solution of Ti-Mo Alloys Used for Orthopedic Biomedical Applications. <i>Solid State Phenomena</i> , <b>2012</b> , 188, 98-101	0.4	3
7	Failure causes in hip resurfacing arthroplasty ? retrieval analysis. <i>International Journal of Nano and Biomaterials</i> , <b>2011</b> , 3, 367	0.2	8
6	Porous calcium alginate-gelatin interpenetrated matrix and its biomineralization potential. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2011</b> , 22, 451-60	4.5	30
5	Obtaining complex structures starting from monodisperse poly(styrene-co-2-hydroxyethylmethacrylate) spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 375, 35-41	5.1	7
4	In Vitro Biocompatibility of Human Endothelial Cells with Collagen-Doxycycline Matrices. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 523, 82/[654]-96/[668]	0.5	8
3	Poly(2-hydroxyethyl methacrylate-co-dodecyl methacrylate-co-acrylic acid): synthesis, physico-chemical characterisation and nafcillin carrier. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2010</b> , 21, 2793-804	4.5	2
2	The importance of holograms in dentistry <b>2009</b> ,		4
1	Application of a biphasic macroporous synthetic bone substitutes CERAFORM <sup>®</sup> : clinical and histological results. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , <b>2009</b> , 19, 387-395	2.2	8