

Fatih Erdem Bastan

List of Publications by Year in descending order

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20
papers

744
citations

840776

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888059

17
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20
all docs

20
docs citations

20
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophoretic deposition of chitosan-based composite coatings for biomedical applications: A review. <i>Progress in Materials Science</i> , 2019, 103, 69-108.	32.8	237
2	Electrophoretic co-deposition of PEEK-hydroxyapatite composite coatings for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 176-182.	5.0	81
3	Electrophoretic deposition of PEEK/bioactive glass composite coatings for orthopedic implants: A design of experiments (DoE) study. <i>Materials and Design</i> , 2017, 130, 223-230.	7.0	66
4	Antibacterial and Bioactive Coatings Based on Radio Frequency Co-Sputtering of Silver Nanocluster-Silica Coatings on PEEK/Bioactive Glass Layers Obtained by Electrophoretic Deposition. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32489-32497.	8.0	58
5	Fabrication and characterization of electrophoretically deposited chitosan-hydroxyapatite composite coatings on anodic titanium dioxide layers. <i>Electrochimica Acta</i> , 2019, 307, 465-473.	5.2	52
6	Electrophoretic deposition of lawsone loaded bioactive glass (BG)/chitosan composite on polyetheretherketone (PEEK)/BG layers as antibacterial and bioactive coating. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 3111-3122.	4.0	48
7	Tailoring the surface characteristics of electrophoretically deposited chitosan-based bioactive glass composite coatings on titanium implants via grit blasting. <i>Progress in Organic Coatings</i> , 2018, 123, 362-373.	3.9	43
8	Spray drying of hydroxyapatite powders: The effect of spray drying parameters and heat treatment on the particle size and morphology. <i>Journal of Alloys and Compounds</i> , 2017, 724, 586-596.	5.5	41
9	Electrophoretic deposition of PEEK/bioactive glass composite coatings on stainless steel for orthopedic applications: an optimization for in vitro bioactivity and adhesion strength. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 108, 1849-1862.	3.0	32
10	Synthesis and characterization of strontium-doped hydroxyapatite for biomedical applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 745-750.	3.6	29
11	Fabrication and characterization of an electrostatically bonded PEEK-hydroxyapatite composites for biomedical applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2513-2527.	3.4	19
12	Electrophoretic Deposition of Lawsone Loaded Nanoscale Silicate Glass /Chitosan Composite on PEEK/BG Layers. <i>ECS Transactions</i> , 2018, 82, 45-50.	0.5	11
13	The experimental study of titanium-ions into hydroxyapatite by chemical precipitation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 651-658.	3.6	9
14	Thermo-physical insights into a series of strontium substituted hydroxyapatite. <i>Materials Chemistry and Physics</i> , 2021, 258, 123910.	4.0	7
15	Heat treatment's effects on hydroxyapatite powders in water vapor and air atmosphere. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	4
16	Role of strontium substitution in spray drying of hydroxyapatite: A comparative study on physical properties. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1155-1166.	2.1	4
17	Corrosion resistance of as-plated and heat-treated electroless duplex Ni-P/Ni-B-W coatings. <i>Materiali in Tehnologije</i> , 2017, 51, 837-842.	0.5	2
18	Biyomedikal Uygulamalar için Wollastonit Partikül Takviyeli Hidroksiapatit Kompozit Granüllerin Üretilmesi ve Karakterizasyonu. <i>Deu Muhendislik Fakultesi Fen Ve Muhendislik</i> , 2021, 23, 1-9.	0.2	1

#	ARTICLE	IF	CITATIONS
19	PRODUCTION and CHARACTERIZATION of GELATIN FUNCTIONALIZED HYDROXYAPATITE COMPOSITE MICROSPHERES for BIOMEDICAL APPLICATIONS. EskiÅyehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.8	0
20	Investigation of Bond Strength of Spray Dried Hydroxyapatite-Wollastonite Composite Powder After Plasma Spray. Advanced Structured Materials, 2016, , 79-86.	0.5	0