

Artur Ribeiro

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,363
citations

361388

20
h-index

377849

34
g-index

69
all docs

69
docs citations

69
times ranked

1834
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic<scp>l</scp>-asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	9.0	109
2	Influence of the Amino-Acid Sequence on the Inverse Temperature Transition of Elastin-Like Polymers. Biophysical Journal, 2009, 97, 312-320.	0.5	99
3	Temperature-Triggered Self-Assembly of Elastin-Like Block Co-Recombinamers:The Controlled Formation of Micelles and Vesicles in an Aqueous Medium. Biomacromolecules, 2012, 13, 293-298.	5.4	86
4	Biofunctional design of elastin-like polymers for advanced applications in nanobiotechnology. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 269-286.	3.5	78
5	Biomimetic Calcium Phosphate Mineralization with Multifunctional Elastin-Like Recombinamers. Biomacromolecules, 2011, 12, 1480-1486.	5.4	59
6	Synthesis of Genetically Engineered Protein Polymers (Recombinamers) as an Example of Advanced Self-Assembled Smart Materials. Methods in Molecular Biology, 2012, 811, 17-38.	0.9	59
7	Ultrasound intensification suppresses the need of methanol excess during the biodiesel production with Lipozyme TL-IM. Ultrasonics Sonochemistry, 2015, 27, 530-535.	8.2	55
8	Ultrasound enhances lipase-catalyzed synthesis of poly (ethylene glutarate). Ultrasonics Sonochemistry, 2016, 31, 506-511.	8.2	44
9	Changing the shape of hair with keratin peptides. RSC Advances, 2017, 7, 51581-51592.	3.6	38
10	Antioxidant cosmetotextiles: Cotton coating with nanoparticles containing vitamin E. Process Biochemistry, 2017, 59, 46-51.	3.7	34
11	Photocatalytic performance of N-doped TiO ₂ nano-SiO ₂ -HY nanocomposites immobilized over cotton fabrics. Journal of Materials Research and Technology, 2019, 8, 1933-1943.	5.8	34
12	Rational Development of Liposomal Hydrogels: A Strategy for Topical Vaginal Antiretroviral Drug Delivery in the Context of HIV Prevention. Pharmaceutics, 2019, 11, 485.	4.5	33
13	Against object agency. A counterreaction to SÃ¸rensen's â€˜Hammers and nailsâ€™™. Archaeological Dialogues, 2016, 23, 229-235.	0.6	30
14	Nanobiotechnological approach to engineered biomaterial design: the example of elastin-like polymers. Nanomedicine, 2006, 1, 267-280.	3.3	29
15	Hybrid Nanotopographical Surfaces Obtained by Biomimetic Mineralization of Statherinâ€™Inspired Elastinâ€™Like Recombinamers. Advanced Healthcare Materials, 2014, 3, 1638-1647.	7.6	29
16	Development of Elastin-Like Recombinamer Films with Antimicrobial Activity. Biomacromolecules, 2015, 16, 625-635.	5.4	29
17	In vitro and computational studies of transdermal perfusion of nanoformulations containing a large molecular weight protein. Colloids and Surfaces B: Biointerfaces, 2013, 108, 271-278.	5.0	27
18	Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion. Acta Biomaterialia, 2017, 47, 50-59.	8.3	27

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19	Antimicrobial coating of textiles by laccase in situ polymerization of catechol and p-phenylenediamine. <i>Reactive and Functional Polymers</i> , 2019, 136, 25-33.	4.1	27
20	Development of Biomimetic Chitosan-Based Hydrogels Using an Elastin-Like Polymer. <i>Advanced Engineering Materials</i> , 2010, 12, B37.	3.5	26
21	Zein impart hydrophobic and antimicrobial properties to cotton textiles. <i>Reactive and Functional Polymers</i> , 2020, 154, 104664.	4.1	22
22	Ohmic heating as an innovative approach for the production of keratin films. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 671-680.	7.5	21
23	Polymeric Electrospun Fibrous Dressings for Topical Co-delivery of Acyclovir and Omega-3 Fatty Acids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 390.	4.1	20
24	Exploiting the Sequence of Naturally Occurring Elastin: Construction, Production and Characterization of a Recombinant Thermoplastic Protein-Based Polymer. <i>Journal of Nano Research</i> , 2009, 6, 133-145.	0.8	19
25	Potential of human α -crystallin for hair damage repair: insights into the mechanical properties and biocompatibility. <i>International Journal of Cosmetic Science</i> , 2013, 35, 458-466.	2.6	19
26	Keratin-based particles for protection and restoration of hair properties. <i>International Journal of Cosmetic Science</i> , 2018, 40, 408-419.	2.6	19
27	OBP fused with cell-penetrating peptides promotes liposomal transduction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 645-653.	5.0	17
28	Enzymatic synthesis of poly(catechin)-antibiotic conjugates: an antimicrobial approach for indwelling catheters. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 637-651.	3.6	16
29	Release of Fragrances from Cotton Functionalized with Carbohydrate-Binding Module Proteins. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28499-28506.	8.0	16
30	Biotechnology of functional proteins and peptides for hair cosmetic formulations. <i>Trends in Biotechnology</i> , 2022, 40, 591-605.	9.3	15
31	Improved Poly (D,L-lactide) nanoparticles-based formulation for hair follicle targeting. <i>International Journal of Cosmetic Science</i> , 2015, 37, 282-290.	2.6	14
32	Omega-3- and Resveratrol-Loaded Lipid Nanosystems for Potential Use as Topical Formulations in Autoimmune, Inflammatory, and Cancerous Skin Diseases. <i>Pharmaceutics</i> , 2021, 13, 1202.	4.5	14
33	Fusion proteins with chromogenic and keratin binding modules. <i>Scientific Reports</i> , 2019, 9, 14044.	3.3	12
34	Keratin:Zein particles as vehicles for fragrance release on hair. <i>Industrial Crops and Products</i> , 2021, 159, 113067.	5.2	12
35	Biotechnological applications of mammalian odorant-binding proteins. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 441-455.	9.0	12
36	Developing scaffolds for tissue engineering using the Ca^{2+} -induced cold gelation by an experimental design approach. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 2269-2278.	3.4	11

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37	Catalytic Activation of Esterases by PEGylation for Polyester Synthesis. <i>ChemCatChem</i> , 2019, 11, 2490-2499.	3.7	11
38	Avobenzone-loaded and omega-3-enriched lipid formulations for production of UV blocking sunscreen gels and textiles. <i>Journal of Molecular Liquids</i> , 2021, 342, 116965.	4.9	11
39	Albumin/asparaginase capsules prepared by ultrasound to retain ammonia. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9499-9508.	3.6	10
40	Effect of a peptide in cosmetic formulations for hair volume control. <i>International Journal of Cosmetic Science</i> , 2017, 39, 600-609.	2.6	10
41	Against object agency 2. Continuing the discussion with Sørensen. <i>Archaeological Dialogues</i> , 2019, 26, 39-44.	0.6	10
42	BSA/HSA ratio modulates the properties of Ca ²⁺ -induced cold gelation scaffolds. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 535-544.	7.5	9
43	The influence of the morphological characteristics of nanoporous anodic aluminium oxide (AAO) structures on capacitive touch sensor performance: a biological application. <i>RSC Advances</i> , 2018, 8, 37254-37266.	3.6	9
44	Permeation of skin with (C ₆₀) fullerene dispersions. <i>Engineering in Life Sciences</i> , 2017, 17, 732-738.	3.6	8
45	Enzymatic coating of cotton with poly (ethylene glutarate). <i>Process Biochemistry</i> , 2017, 59, 91-96.	3.7	8
46	Two Engineered OBPs with opposite temperature-dependent affinities towards 1-aminoanthracene. <i>Scientific Reports</i> , 2018, 8, 14844.	3.3	8
47	Crystallin Fusion Proteins Improve the Thermal Properties of Hair. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 298.	4.1	7
48	Satureja montana Essential Oil, Zein Nanoparticles and Their Combination as a Biocontrol Strategy to Reduce Bacterial Spot Disease on Tomato Plants. <i>Horticulturae</i> , 2021, 7, 584.	2.8	7
49	Cutinase promotes dry esterification of cotton cellulose. <i>Biotechnology Progress</i> , 2016, 32, 60-65.	2.6	6
50	Protein-based nanoformulations for Î±-tocopherol encapsulation. <i>Engineering in Life Sciences</i> , 2017, 17, 523-527.	3.6	6
51	1-Aminoanthracene Transduction into Liposomes Driven by Odorant-Binding Protein Proximity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27531-27539.	8.0	5
52	Ohmic heating as a new tool for protein scaffold engineering. <i>Materials Science and Engineering C</i> , 2021, 120, 111784.	7.3	5
53	Proteins as Hair Styling Agents. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4245.	2.5	5
54	BSA/ASN/Pol407 nanoparticles for acute lymphoblastic leukemia treatment. <i>Biochemical Engineering Journal</i> , 2019, 141, 80-88.	3.6	3

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55	Hair resistance to mechanical wear. <i>Wear</i> , 2021, 470-471, 203612.	3.1	3
56	Vagueness, Identity, and the Dangers of a General Metaphysics in Archaeology. <i>Open Philosophy</i> , 2021, 4, 20-35.	0.4	3
57	Design of a chromogenic substrate for elastase based on split GFP system—Proof of concept for colour switch sensors. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 22, e00324.	4.4	2
58	Development of Capacitive-Type Sensors by Electrochemical Anodization: Humidity and Touch Sensing Applications. <i>Sensors</i> , 2021, 21, 7317.	3.8	2
59	Antimicrobial Properties of Composites of Chitosan-Silver Doped Zeolites. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6295-6304.	0.9	2
60	Nanostructured Thin Coatings from Chitosan and an Elastin-Like Recombinamer with Acute Stimuli-Responsive Behavior. <i>Materials Science Forum</i> , 2012, 730-732, 32-37.	0.3	1
61	Absence of Light Exposure Increases Pathogenicity of <i>Pseudomonas aeruginosa</i> Pneumonia-Associated Clinical Isolates. <i>Biology</i> , 2021, 10, 837.	2.8	1
62	Elastin-like systems for tissue engineering. , 2008, , 374-395.		0
63	Social Archaeology as the Study of Ethical Life: Agency, Intentionality, and Responsibility. <i>Synthese Library</i> , 2021, , 215-233.	0.2	0
64	Study of sardine oil antioxidant properties for the development of topical therapeutic formulations. <i>Planta Medica</i> , 2014, 80, .	1.3	0
65	Hair Styling Based on Eutectic Formulations with Peptides. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	6.7	0
66	Exploring Nanofibers and Hydrogels as Collagenase Carriers for the Development of Advanced Wound Dressings. <i>Materials Science Forum</i> , 0, 1063, 43-55.	0.3	0
67	Exploring Z-Tyr-Phe-OH-based hydrogels loaded with curcumin for the development of dressings for wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103484.	3.0	0