

Ryan D Boehm

List of Publications by Year in descending order

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19
papers

702
citations

759233

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19
all docs

19
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19
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Sugar Interference Testing With Amperometric Glucose Oxidase Sensors. Journal of Diabetes Science and Technology, 2019, 13, 82-95.	2.2	12
2	Fabrication of Hollow Metal Microneedle Arrays Using a Molding and Electroplating Method. MRS Advances, 2019, 4, 1417-1426.	0.9	16
3	Current Advancements in Transdermal Biosensing and Targeted Drug Delivery. Sensors, 2019, 19, 1028.	3.8	61
4	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. Applied Sciences (Switzerland), 2019, 9, 786.	2.5	6
5	Inkjet deposition of itraconazole onto poly(glycolic acid) microneedle arrays. Biointerphases, 2016, 11, 011008.	1.6	38
6	Use of Drawing Lithography-Fabricated Polyglycolic Acid Microneedles for Transdermal Delivery of Itraconazole to a Human Basal Cell Carcinoma Model Regenerated on Mice. Jom, 2016, 68, 1128-1133.	1.9	14
7	Microstereolithography-fabricated microneedles for fluid sampling of histamine-contaminated tuna. International Journal of Bioprinting, 2016, 2, .	3.4	5
8	Electrodeposited Iron as a Biocompatible Material for Microneedle Fabrication. Electroanalysis, 2015, 27, 2239-2249.	2.9	5
9	Polyglycolic acid microneedles modified with inkjet-deposited antifungal coatings. Biointerphases, 2015, 10, 011004.	1.6	65
10	Nitrogen-incorporated ultrananocrystalline diamond microneedle arrays for electrochemical biosensing. Diamond and Related Materials, 2015, 54, 39-46.	3.9	52
11	Inkjet printing for pharmaceutical applications. Materials Today, 2014, 17, 247-252.	14.2	136
12	Biomimetic Materials and Surfaces in Detection. RSC Detection Science, 2014, , 26-74.	0.0	0
13	Inkjet Printing of Amphotericin B onto Biodegradable Microneedles Using Piezoelectric Inkjet Printing. Jom, 2013, 65, 525-533.	1.9	47
14	Indirect rapid prototyping of antibacterial acid anhydride copolymer microneedles. Biofabrication, 2012, 4, 011002.	7.1	42
15	Multiphoton microscopy of transdermal quantum dot delivery using two photonpolymerization-fabricated polymer microneedles. Faraday Discussions, 2011, 149, 171-185.	3.2	70
16	Deposition of antimicrobial coatings on microstereolithography-fabricated microneedles. Jom, 2011, 63, 59-68.	1.9	58
17	Medical applications of diamond particles & surfaces. Materials Today, 2011, 14, 154-163.	14.2	61
18	Piezoelectric inkjet printing of medical adhesives and sealants. Jom, 2010, 62, 56-60.	1.9	9

#	ARTICLE	IF	CITATIONS
19	Stretchable diamond-like carbon microstructures for biomedical applications. Jom, 2009, 61, 53-58.	1.9	5