

Corey R Deeken

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,176
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of the abdominal wall and biomaterials utilized for hernia repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 411-427.	3.1	165
2	Histologic and Biomechanical Evaluation of Crosslinked and Non-Crosslinked Biologic Meshes in a Porcine Model of Ventral Incisional Hernia Repair. <i>Journal of the American College of Surgeons</i> , 2011, 212, 880-888.	0.5	154
3	Physicomechanical Evaluation of Polypropylene, Polyester, and Polytetrafluoroethylene Meshes for Inguinal Hernia Repair. <i>Journal of the American College of Surgeons</i> , 2011, 212, 68-79.	0.5	129
4	Characterization of the Mechanical Strength, Resorption Properties, and Histologic Characteristics of a Fully Absorbable Material (Poly-4-hydroxybutyrate "PHASIX Mesh) in a Porcine Model of Hernia Repair. <i>ISRN Surgery</i> , 2013, 2013, 1-12.	1.4	114
5	Differentiation of Biologic Scaffold Materials Through Physicomechanical, Thermal, and Enzymatic Degradation Techniques. <i>Annals of Surgery</i> , 2012, 255, 595-604.	4.2	94
6	A review of the composition, characteristics, and effectiveness of barrier mesh prostheses utilized for laparoscopic ventral hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 566-575.	2.4	87
7	Development of novel 3D-printed robotic prosthetic for transradial amputees. <i>Prosthetics and Orthotics International</i> , 2016, 40, 400-403.	1.0	87
8	Prospective evaluation of poly-4-hydroxybutyrate mesh in CDC class I/high-risk ventral and incisional hernia repair: 18-month follow-up. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1929-1936.	2.4	70
9	Physicomechanical evaluation of absorbable and nonabsorbable barrier composite meshes for laparoscopic ventral hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1541-1552.	2.4	56
10	Evaluation of a fully absorbable poly-4-hydroxybutyrate/absorbable barrier composite mesh in a porcine model of ventral hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 3691-3701.	2.4	50
11	Characterization of bionanocomposite scaffolds comprised of amine-functionalized gold nanoparticles and silicon carbide nanowires crosslinked to an acellular porcine tendon. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 97B, 334-344.	3.4	40
12	Ventralight ST and SorbaFix Versus Physiomes and Securestrap in a Porcine Model. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2013, 17, 549-559.	1.1	35
13	Histologic, Molecular, and Clinical Evaluation of Explanted Breast Prostheses, Capsules, and Acellular Dermal Matrices for Bacteria. <i>Aesthetic Surgery Journal</i> , 2015, 35, 653-668.	1.6	30
14	Prospective, multicenter study of P4HB (Phasix, C) mesh for hernia repair in cohort at risk for complications: 3-Year follow-up. <i>Annals of Medicine and Surgery</i> , 2021, 61, 1-7.	1.1	23
15	Characterization of bionanocomposite scaffolds comprised of mercaptoethylamine-functionalized gold nanoparticles crosslinked to acellular porcine tissue. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 537-546.	3.6	19
16	Characterization of bionanocomposite scaffolds comprised of amine-functionalized single-walled carbon nanotubes crosslinked to an acellular porcine tendon. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 584-594.	4.0	15
17	A prospective, multicenter trial of a long-term bioabsorbable mesh with Sepra technology in cohort of challenging laparoscopic ventral or incisional hernia repairs (ATLAS trial). <i>Annals of Medicine and Surgery</i> , 2022, 73, 103156.	1.1	5
18	Mechanical and Histological Characteristics of Phasix, C ST Mesh in a Porcine Model of Hernia Repair. <i>Journal of Investigative Surgery</i> , 2022, 35, 415-423.	1.3	3

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19	Hernia Materials: Fundamentals of Prosthetic Characteristics. , 2019, , 35-55.		0