

# Ari D Brooks

## List of Publications by Year in descending order

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43  
papers

3,685  
citations

304602

22  
h-index

315616

38  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Floating Electrode Dielectric Barrier Discharge Plasma in Air Promoting Apoptotic Behavior in Melanoma Skin Cancer Cell Lines. <i>Plasma Chemistry and Plasma Processing</i> , 2007, 27, 163-176.	1.1	533
2	Comparison of Direct and Indirect Effects of Non-Thermal Atmospheric-Pressure Plasma on Bacteria. <i>Plasma Processes and Polymers</i> , 2007, 4, 370-375.	1.6	487
3	Nonthermal Dielectric-Barrier Discharge Plasma-Induced Inactivation Involves Oxidative DNA Damage and Membrane Lipid Peroxidation in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1053-1062.	1.4	395
4	The management of unicentric and multicentric Castleman's disease. <i>Cancer</i> , 1999, 85, 706-717.	2.0	354
5	A Prospective, Randomized Trial of Early Enteral Feeding After Resection of Upper Gastrointestinal Malignancy. <i>Annals of Surgery</i> , 1997, 226, 567-580.	2.1	338
6	Control of methicillin-resistant <i>Staphylococcus aureus</i> in planktonic form and biofilms: A biocidal efficacy study of nonthermal dielectric-barrier discharge plasma. <i>American Journal of Infection Control</i> , 2010, 38, 293-301.	1.1	154
7	Engineering Approaches to Biomanipulation. <i>Annual Review of Biomedical Engineering</i> , 2007, 9, 35-53.	5.7	133
8	Nonequilibrium Plasma-Activated Antimicrobial Solutions are Broad-Spectrum and Retain their Efficacies for Extended Period of Time. <i>Plasma Processes and Polymers</i> , 2013, 10, 544-555.	1.6	107
9	Evaluating the Effect of Force Feedback in Cell Injection. <i>IEEE Transactions on Automation Science and Engineering</i> , 2007, 4, 322-331.	3.4	106
10	Is intra-abdominal drainage necessary after pancreaticoduodenectomy?. <i>Journal of Gastrointestinal Surgery</i> , 1998, 2, 373-378.	0.9	104
11	The use of domain-specific concepts in biomedical text summarization. <i>Information Processing and Management</i> , 2007, 43, 1765-1776.	5.4	86
12	Role of Fine-Needle Aspiration Biopsy and Frozen Section Analysis in the Surgical Management of Thyroid Tumors. <i>Annals of Surgical Oncology</i> , 2001, 8, 92-100.	0.7	85
13	Porcine intact and wounded skin responses to atmospheric nonthermal plasma. <i>Journal of Surgical Research</i> , 2013, 179, e1-e12.	0.8	67
14	Chemical Changes in Nonthermal Plasma-Treated N-Acetylcysteine (NAC) Solution and Their Contribution to Bacterial Inactivation. <i>Scientific Reports</i> , 2016, 6, 20365.	1.6	62
15	Decomposition of L-Valine under Nonthermal Dielectric Barrier Discharge Plasma. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1612-1620.	1.2	47
16	The Value of Laparoscopy in the Management of Ampullary, Duodenal, and Distal Bile Duct Tumors. <i>Journal of Gastrointestinal Surgery</i> , 2002, 6, 139-146.	0.9	45
17	Live Pig Skin Tissue and Wound Toxicity of Cold Plasma Treatment. <i>Plasma Medicine</i> , 2011, 1, 93-108.	0.2	42
18	Can Simulated Team Tasks be Used to Improve Nontechnical Skills in the Operating Room?. <i>Journal of Surgical Education</i> , 2016, 73, e42-e47.	1.2	37

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19	Superficial extremity soft tissue sarcoma: An analysis of prognostic factors. <i>Annals of Surgical Oncology</i> , 1998, 5, 41-47.	0.7	35
20	Involvement of multiple stressors induced by non-thermal plasma-charged aerosols during inactivation of airborne bacteria. <i>PLoS ONE</i> , 2017, 12, e0171434.	1.1	30
21	Control of Multi-Drug-Resistant Pathogens with Non-Thermal-Plasma-Treated Alginate Wound Dressing. <i>Surgical Infections</i> , 2014, 15, 233-243.	0.7	29
22	BioChain. , 2006, , .		26
23	Quality of life and sexual well-being after nipple sparing mastectomy: A matched comparison of patients using the breast Q. <i>Journal of Surgical Oncology</i> , 2018, 118, 238-242.	0.8	25
24	Inhaled aerosolization of all- trans -retinoic acid for targeted pulmonary delivery. <i>Cancer Chemotherapy and Pharmacology</i> , 2000, 46, 313-318.	1.1	23
25	Mitochondria-Mediated Anticancer Effects of Non-Thermal Atmospheric Plasma. <i>PLoS ONE</i> , 2016, 11, e0156818.	1.1	22
26	Intestinal Permeability After Early Postoperative Enteral Nutrition in Patients With Upper Gastrointestinal Malignancy. <i>Journal of Parenteral and Enteral Nutrition</i> , 1999, 23, 75-79.	1.3	21
27	In Situ Operating Room-Based Simulation: A Review. <i>Journal of Surgical Education</i> , 2017, 74, 579-588.	1.2	17
28	Concept frequency distribution in biomedical text summarization. , 2006, , .		16
29	Quantitative assessment of Tn antigen in breast tissue micro-arrays using CdSe aqueous quantum dots. <i>Biomaterials</i> , 2014, 35, 2971-2980.	5.7	13
30	Development of array piezoelectric fingers towards <i>in vivo</i> breast tumor detection. <i>Review of Scientific Instruments</i> , 2016, 87, 124301.	0.6	12
31	Integration of Hands-On Team Training into Existing Curriculum Improves Both Technical and Nontechnical Skills in Laparoscopic Cholecystectomy. <i>Journal of Surgical Education</i> , 2017, 74, 915-920.	1.2	12
32	How To Videos Improve Residents Performance of Essential Perioperative Electronic Medical Records and Clinical Tasks. <i>Journal of Surgical Education</i> , 2018, 75, 489-496.	1.2	12
33	Clinical Utility of a Hand-Held Scanner for Breast Cancer Early Detection and Patient Triage. <i>JCO Global Oncology</i> , 2020, 6, 27-34.	0.8	10
34	Evidence-Based Oncology Project. <i>Surgical Oncology Clinics of North America</i> , 2002, 11, 3-10.	0.6	9
35	The Search for Level I Evidence in Solid-Tumor Oncology. <i>Annals of Surgical Oncology</i> , 2001, 8, 638-643.	0.7	8
36	Changing practice patterns of adjuvant radiation among elderly women with early stage breast cancer in the United States from 2004 to 2014. <i>Breast Journal</i> , 2020, 26, 353-367.	0.4	7

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37	Role of Fine-Needle Aspiration Biopsy and Frozen Section Analysis in the Surgical Management of Thyroid Tumors. , 2001, 8, 92.		7
38	Tumor microenvironment promotes dicarboxylic acid carrier-mediated transport of succinate to fuel prostate cancer mitochondria. American Journal of Cancer Research, 2015, 5, 1665-79.	1.4	7
39	Semantic analysis and classification of medical questions for a logic-based medical question-answering system. , 2008, , .		3
40	Evaluation of Cellular and Systemic Toxicity of Dielectric Barrier Discharge Plasma-Treated N-Acetylcysteine as Potential Antimicrobial Catheter Lock Solution. Plasma, 2021, 4, 732-744.	0.7	2
41	Reality-based Haptic Feedback for Needle Puncture - Modeling, Validation, and Simulation. , 2006, , .		0
42	Online Biomedical Concept Annotation Using Language Model Mapping. , 2008, , .		0
43	Danazol alters mitochondria metabolism of fibrocystic breast Mcf10A cells. Breast, 2017, 35, 55-62.	0.9	0