

Leslie Mertz

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

175
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1306789

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45
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	(Block) Chain Reaction: A Blockchain Revolution Sweeps into Health Care, Offering the Possibility for a Much-Needed Data Solution. IEEE Pulse, 2018, 9, 4-7.	0.1	43
2	Tiny Conveyance: Micro- and Nanorobots Prepare to Advance Medicine. IEEE Pulse, 2018, 9, 19-23.	0.1	18
3	Virtual Reality Pioneer Tom Furness on the Past, Present, and Future of VR in Health Care. IEEE Pulse, 2019, 10, 9-11.	0.1	14
4	AI-Driven COVID-19 Tools to Interpret, Quantify Lung Images. IEEE Pulse, 2020, 11, 2-7.	0.1	11
5	Automated Insulin Delivery: Taking the Guesswork out of Diabetes Management. IEEE Pulse, 2018, 9, 8-9.	0.1	10
6	Quick Thinking Turns out Low-Cost Ventilators. IEEE Pulse, 2020, 11, 31-34.	0.1	8
7	The Great Exhale: Using Breath Analysis to Detect Disease. IEEE Pulse, 2020, 11, 7-11.	0.1	7
8	Virtual Reality Is Taking the Hurt Out of Pain. IEEE Pulse, 2019, 10, 3-8.	0.1	6
9	Machine Learning Takes on Health Care: Leonard D'Avolio's Cyft Employs Big Data to Benefit Patients and Providers. IEEE Pulse, 2018, 9, 10-11.	0.1	5
10	AI, Virtual Reality, and Robots Advancing Autism Diagnosis and Therapy. IEEE Pulse, 2021, 12, 6-10.	0.1	5
11	E-Textiles for Health Monitoring: Off to a Slow Start, but Coming Soon. IEEE Pulse, 2020, 11, 20-24.	0.1	4
12	New, At-Home Antibody Test for Detecting, Tracking COVID-19. IEEE Pulse, 2020, 11, 28-31.	0.1	3
13	CRISPR Tech Behind Super-Sensitive, Smartphone COVID Test. IEEE Pulse, 2021, 12, 8-11.	0.1	3
14	Medical Care in the Digital Era. IEEE Pulse, 2021, 12, 2-5.	0.1	3
15	Cyberattacks on Devices Threaten Data and Patients: Cybersecurity Risks Come with the Territory. Three Experts Explain What You Need to Know. IEEE Pulse, 2018, 9, 25-28.	0.1	2
16	New Quantitative Approach to Autism Diagnosis. IEEE Pulse, 2019, 10, 34-36.	0.1	2
17	Versatile Graphene Underlies New COVID-Zapping Air Filter. IEEE Pulse, 2021, 12, 28-30.	0.1	2
18	New Vaccine-Manufacturing Methods Are Moving Away From the Egg. IEEE Pulse, 2021, 12, 7-11.	0.1	2

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19	One Shot Wonder: A Vaccine Against All Coronaviruses. IEEE Pulse, 2020, 11, 2-5.	0.1	2
20	AI-Designed, Living Robots Can Self-Replicate. IEEE Pulse, 2022, 13, 8-12.	0.1	2
21	Opening Act: New Multidisciplinary Approaches Yield Thinner, Stronger, Better Stents. IEEE Pulse, 2018, 9, 15-19.	0.1	1
22	Vaccination Innovation: New Technologies Are Leading the Way to Vaccines That Work Better, Hurt Less. IEEE Pulse, 2018, 9, 25-30.	0.1	1
23	The Many Textures of Robotics: Flexible Materials That Conform to and Interact with the Human Body May Mean Better Outcomes for Patients. IEEE Pulse, 2018, 9, 12-17.	0.1	1
24	How a Tiny Electrical Current to the Brain is Treating Medical Symptoms. IEEE Pulse, 2019, 10, 6-11.	0.1	1
25	Gift of Sight: Stem-Cell Patches for Wet and Dry Macular Degeneration. IEEE Pulse, 2019, 10, 8-13.	0.1	1
26	Managing Weight With Technology. IEEE Pulse, 2020, 11, 26-31.	0.1	1
27	COVID-19 Testing: What New Mexico Did Right. IEEE Pulse, 2020, 11, 32-33.	0.1	1
28	Restoring the Sense of Touch: From "Sci-Fi Dream" to Reality. IEEE Pulse, 2020, 11, 8-12.	0.1	1
29	Predictive Models on the Rise, But Do They Work for Health Care?. IEEE Pulse, 2020, 11, 10-13.	0.1	1
30	AI Tools Poised to Improve Patient Health Care. IEEE Pulse, 2022, 13, 2-6.	0.1	1
31	COVID-19 in Animals: What to Fear and What to Learn. IEEE Pulse, 2022, 13, 19-22.	0.1	1
32	On the Cusp of a Healthcare Revolution: BME Technologies Have the Potential to Transform Our World?. IEEE Pulse, 2018, 9, 4-7.	0.1	0
33	A CRISPR Approach for a Common Inherited Disease: Researchers at Duke University Hope Gene Editing Can Eliminate Mutations That Lead to Duchenne Muscular Dystrophy. IEEE Pulse, 2018, 9, 12-14.	0.1	0
34	Nuclear Imaging Enters a New Era: Combining Diagnosis and Therapy, Nuclear Medicine Has the Potential to Advance Cancer Treatment and Care. IEEE Pulse, 2018, 9, 4-8.	0.1	0
35	Joint Ventures. IEEE Pulse, 2019, 10, 4-8.	0.1	0
36	Heart to Heart. IEEE Pulse, 2019, 10, 8-12.	0.1	0

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37	Developing Antibody Defenses. IEEE Pulse, 2020, 11, 2-6.	0.1	0
38	Updating Diagnoses for Speed and Accuracy: Using AI, Cameras, Assays, and More. IEEE Pulse, 2020, 11, 20-24.	0.1	0
39	New Tests and Devices for Early Cancer Detection. IEEE Pulse, 2020, 11, 2-6.	0.1	0
40	The Fight Against Cancer: Are We Winning or Losing?. IEEE Pulse, 2020, 11, 7-12.	0.1	0
41	Researchers Seek Answers for Millions With Long COVID-19. IEEE Pulse, 2021, 12, 17-21.	0.1	0
42	Bioprinting Marches Forward With New Technology. IEEE Pulse, 2021, 12, 11-16.	0.1	0
43	New Biomed-Tech Advances Poised to Change the Future. IEEE Pulse, 2022, 13, 2-7.	0.1	0
44	Better Tech for Detecting COVID-19. IEEE Pulse, 2022, 13, 2-8.	0.1	0