Susan M Lord

List of Publications by Year
in descending order

116 papers	1,474 citations	471509 17 h-index	414414 32 g-index
116 all docs	116 docs citations	116 times ranked	803 citing authors

#	Article	IF	Citations
1	MIDFIELD: A Resource for Longitudinal Student Record Research. IEEE Transactions on Education, 2022, 65, 245-256.	2.4	3
2	What Is Engineering and Who Are Engineers? Student Reflections from a Sustainability-Focused Energy Course. Sustainability, 2022, 14, 3499.	3.2	4
3	International Students in Undergraduate Electrical and Information Engineering Programs in the USA. , 2022, , .		1
4	Quantitative Exploration of International Female and Male Students in Undergraduate Engineering Programs in the USA. , 2021, , .		2
5	Is It All about Efficiency? Exploring Studentsâ€™ Conceptualizations of Sustainability in an Introductory Energy Course. Sustainability, 2021, 13, 7188.	3.2	6
6	Transitions of Student Military Veterans into Engineering Education. Social Sciences, 2021, 10, 228.	1.4	3
7	On Track: Seeing Engineering as Sociotechnical using Fitness Trackers. , 2021, , .		1
8	Towards a Community Vision of Integrated Engineering. , 2021, , .		1
9	A Critical Reflection on the Challenges of Implementing Culturally Sustaining Pedagogy. , 2021, , .		0
10	Is MIDFIELD for me? Exploring the Multiple Institution Database for Investigating Engineering Longitudinal Development. , 2021, , .		1
11	Learning Circles for Engineering Educators to Nourish and Heal. , 2021, , .		0
12	An Integrated Approach to Energy Education in Engineering. Sustainability, 2020, 12, 9145.	3.2	19
13	Compassionate Flexibility and Self-Discipline: Student Adaptation to Emergency Remote Teaching in an Integrated Engineering Energy Course during COVID-19. Education Sciences, 2020, 10, 304.	2.6	114
14	Impactful for whom? Exploring the diversity of learning pathways outside of the classroom for engineering students. , 2020, , .		1
15	Making Engineering Sociotechnical. , 2020, , .		4
16	Broadening the Engineering Canon. Journal of Advanced Manufacturing and Processing, 2020, 2, 6.	2.4	14
17	Investigating using a "Social Impact Audit" Tool to support students' decision-making in a Materials Science Course. , 2020, , .		2
18	The Role of Introductory Course Grades in Engineering Disciplinary Cultures. , 2020, , .		2

#	Article	IF	Citations
19	Review Unto Others As You Would Have Others Review Unto You. , 2020, , .		1
20	Expanding Access to MIDFIELD: Strategies for Sharing Data Infrastructure for Research. , 2020, , .		1
21	Digging deeper: qualitative research methods for eliciting narratives and counter-narratives from student veterans. International Journal of Qualitative Studies in Education, 2019, 32, 1210-1228.	1.2	11
22	Beyond pipeline and pathways: Ecosystem metrics. Journal of Engineering Education, 2019, 108, 32-56.	3.0	50
23	Accessing MIDFIELD: A Workshop for R Beginners. , 2019, , .		1
24	Special Session: Starting a Dialogue on Decolonization in Engineering Education. , 2019, , .		4
25			

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37	Making the Multiple Institution Database for Investigating Engineering Longitudinal Development (MIDFIELD) more accessible to researchers. , 2016, , .		1
38	Understanding Diverse Pathways: Disciplinary Trajectories of Engineering Students: Year 3- NSF REE Grant 1129383. , 2015, , 26.11.1.		1
39	Exploring Military Veteran Studentsâ€™ Pathways in Engineering Education. , 2015, , 26.730.1.		4
40	Special session: Agents for change in engineering & computer science education. , 2015, , .		1
41	Student Demographics and Outcomes in Civil Engineering in the United States. Journal of Professional Issues in Engineering Education and Practice, 2015, 141, .	0.9	15
42	Innovative faculty cohort hire at the university of San Diego. , 2015, , .		3
43	The institutional environment for student veterans in engineering. , 2015, , .		7
44	Student Choice and Persistence in Aerospace Engineering. Journal of Aerospace Information Systems, 2015, 12, 365-373.	1.4	8
45	Multi-Institution Study of Student Demographics and Outcomes in Electrical and Computer Engineering in the USA. IEEE Transactions on Education, 2015, 58, 141-150.	2.4	32
46	Curriculum Design in the Middle Years. , 2014, , 181-200.		20
47	Interactive theatre to engage faculty in difficult dialogues: First implementation. , 2014, , .		1
48	Special session — "Stereotype threat" and my students: What can I do about it?. , 2014, , .		1
49	Special session: Potential futures for engineering education through scenario planning. , 2014, , .		0
50	Proven practices that can reduce stereotype threat in engineering education: A literature review. , 2014, , .		8
51	Student Demographics and Outcomes in Mechanical Engineering in the U.S.. International Journal of Mechanical Engineering Education, 2014, 42, 48-60.	1.0	26
52	Cross-cultural active learning: Qualitative results from Americans teaching in China. , 2014, , .		0
53	A disciplinary comparison of trajectories of U.S.A. engineering students. , 2014, , .		7
54	Scenario planning to envision potential futures for engineering education. , 2014, , .		4

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55	Special session: Agents for STEM change — Articulating the goals of our community. , 2014, , .		3
56	Self-regulation and autonomy in problem- and project-based learning environments. Active Learning in Higher Education, 2013, 14, 109-122.	5.4	147
57	Cross-cultural active learning: Results from Americans teaching in China. , 2013, , .		2
58	Measuring propensity for lifelong learning: Comparing Chinese and U.S. engineering students. , 2013, , .		3
59	Exploring Boyer's scholarship of application for submissions to the IEEE transactions on education. , 2013, , .		0
60	Comparing the attitudes towards engineering of honors students and engineering students at a liberal arts university. , 2013, , .		0
61	Student demographics and outcomes in Electrical and Mechanical Engineering. , 2013, , .		12
62	Latinos and Latinas in the borderlands of education Researching minority populations in engineering. , 2013, , .		9
63	Latinos and the exclusionary space of engineering education. Latino Studies, 2013, 11, 103-112.	0.6	14
64	Special session: Race and the idea of privilege in the engineering classroom. , 2012, , .		0
65	Engineering matriculation paths: Outcomes of Direct Matriculation, First-Year Engineering, and Post-General Education Models. , 2012, , .		20
66	Lifelong Learning Program for engineering students. , 2012, , .		6
67	Encouraging active autonomous learners in electric and electronic laboratories for second-year students. , 2012, , .		1
68	Perceptions and expectations of engineering curriculum reform by graduates: A survey study in China. , 2012, , .		1
69	Women in Industrial Engineering: Stereotypes, Persistence, and Perspectives. Journal of Engineering Education, 2012, 101, 288-318.	3.0	42
70	Introducing “stickiness” as a versatile metric of engineering persistence. , 2012, , .		11
71	Work in progress — Sustainability and senior design at the University of San Diego. , 2011, , .		0
72	Special session — Attracting and supporting military veterans in engineering programs. , 2011, , .		5

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73	Trajectories of Electrical Engineering and Computer Engineering Students by Race and Gender. IEEE Transactions on Education, 2011, 54, 610-618.	2.4	49
74	Race, Gender, and Measures of Success in Engineering Education. Journal of Engineering Education, 2011, 100, 225-252.	3.0	125
75	Quebrando Fronteras: Trends Among Latino and Latina Undergraduate Engineers. Journal of Hispanic Higher Education, 2011, 10, 134-146.	1.6	29
76	"Microaggressions" in engineering education: Climate for Asian, Latina and White women. , 2011, , .		31
77	Work in progress — Flexibility and career opportunity as motivation for women selecting industrial engineering majors. , 2010, , .		0
78	Role of faculty in promoting lifelong learning: Characterizing classroom environments. , 2010, , .		1
79	Work in progress — Connecting veterans to customized engineering education at the University of San Diego. , 2010, , .		2
80	Who enrolls in electrical engineering? A quantitative analysis of U.S.A. student trajectories. , 2010, , .		4
81	Climate in undergraduate engineering education from 1995 to 2009. , 2010, , .		4
82	Work in progress — Role of faculty in promoting lifelong learning: Initial findings. , 2010, , .		1
83	IEEE Education Society: Global leader in Engineering Education. , 2010, , .		1
84	Work in progress - engineering students' disciplinary choices: Do race and gender matter?. , 2009, , .		10
85	Work in progress - role of faculty in promoting lifelong learning. , 2009, , .		2
86	Special session - from active learning to liberative pedagogies: Alternative teaching philosophies in CSET education. , 2009, , .		2
87	Work in progress - the effect of engineering matriculation status on major selection. , 2009, , .		8
88	Workshop - feminist engineering education: Building a community of practice. , 2009, , .		2
89	WHO'S PERSISTING IN ENGINEERING? A COMPARATIVE ANALYSIS OF FEMALE AND MALE ASIAN, BLACK, HISPANIC, NATIVE AMERICAN, AND WHITE STUDENTS. Journal of Women and Minorities in Science and Engineering, 2009, 15, 167-190.	0.8	106
90	Promoting understanding in the classroom: Comparison of the Strength Deployment Inventory, Learning Styles Inventory, and Myers-Briggs. , 2008, , .		0

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91	Work in progress - effect of climate and pedagogy on persistence of women in engineering programs. , 2008, , .		4
92	Effective teaching practices: Preliminary analysis of engineering educators. Proceedings - Frontiers in Education Conference, FIE, 2007, , .	0.0	8
93	Panel Session - Future of FIE: Where are we and where do we want to go?. , 2006, , .		0
94	Choosing an Optimal Pedagogy: A Design Approach. , 2006, , .		6
95	Workshop Classroom Border Crossings: Incorporating Feminist and Liberative Pedagogies in your CSET Classroom. , 2006, , .		4
96	Multioctave High Dynamic Range Up-Conversion Optical-Heterodyned Microwave Photonic Link. IEEE Photonics Technology Letters, 2004, 16, 2332-2334.	2.5	15
97	Optoelectronics experiments for first-year engineering students. IEEE Transactions on Education, 2001, 44, 16-23.	2.4	15
98	Enabling Effective Engineering Teams: A Program for Teaching Interaction Skills*. Journal of Engineering Education, 1999, 88, 385-390.	3.0	64
99	Effect of in situ annealing on highly-mismatched In0.75Ga0.25As on InP grown using molecular beam epitaxy. Journal of Electronic Materials, 1999, 28, 887-893.	2.2	2
100	Using fibre gratings to stabilise laser diode wavelength under modulation for atmospheric lidar transmitters. Electronics Letters, 1996, 32, 561.	1.0	4
101	1.3 Î¼m Exciton resonances in InGaAs quantum wells grown by molecular beam epitaxy using a slowly graded buffer layer. Journal of Crystal Growth, 1993, 127, 759-764.	1.5	14
102	Electroabsorption modulators operating at 1.3 Î¼m on GaAs substrates. Optical and Quantum Electronics, 1993, 25, S953-S964.	3.3	7
103	Hydrogen passivation of nonradiative defects in InGaAs/AlxGa1â^'xAs quantum wells. Journal of Applied Physics, 1993, 73, 740-748.	2.5	22
104	Large, lowâ€voltage absorption changes and absorption bistability in GaAs/AlGaAs/InGaAs asymmetric quantum wells. Journal of Applied Physics, 1993, 74, 1972-1978.	2.5	25
105	1.3 Î¼m electroabsorption reflection modulators on GaAs. Applied Physics Letters, 1993, 63, 806-808.	3.3	11
106	High contrast asymmetric Fabryâ€“Perot electroâ€absorption modulator with zero phase change. Applied Physics Letters, 1993, 63, 452-454.	3.3	18
107	Intersubband transitions in high indium content InGaAs/AlGaAs quantum wells. Applied Physics Letters, 1993, 63, 364-366.	3.3	25
108	Lowâ€voltage, lowâ€chirp, absorptively bistable transmission modulators using typeâ€IIA and typeâ€IIB In0.3Ga0.7As/Al0.33Ga0.67As/ In0.15Ga0.85As asymmetric coupled quantum wells. Journal of Applied Physics, 1993, 74, 6495-6502.	2.5	15

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109	Visible wavelength Fabry-Perot reflection modulator using indirect-gap AlGaAs/AlAs. Electronics Letters, 1992, 28, 1170.	1.0	4
110	Molecular beam epitaxy growth of vertical cavity optical devices withinsitucorrections. Applied Physics Letters, 1992, 61, 1387-1389.	3.3	46
111	GaAs/AlAs quantum wells for electroabsorption modulators. Applied Physics Letters, 1992, 60, 2779-2781.	3.3	29
112	Enhancement of photoluminescence intensity in InGaAs/AlxGa1â^'xAs quantum wells by hydrogenation. Applied Physics Letters, 1992, 60, 2276-2278.	3.3	8
113	Electroabsorptive modulators in InGaAs/AlGaAs. Applied Physics Letters, 1991, 59, 888-890.	3.3	42
114	Quantum well modulators for optical beam steering applications. IEEE Photonics Technology Letters, 1991, 3, 790-792.	2.5	10
115	Using Focus Groups to Understand Military Veteran Studentsâ€™ Pathways in Engineering Education. , 0, , .		7
116	Military Veteran Studentsâ€™ Pathways in Engineering Education (Year 2). , 0, , .		3