

Jessica K Polka

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,354
citations

567281

15
h-index

501196

28
g-index

58
all docs

58
docs citations

58
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking changes between preprint posting and journal publication during a pandemic. PLoS Biology, 2022, 20, e3001285.	5.6	49
2	Promoting constructive feedback on preprints with the FAST principles. ELife, 2022, 11, .	6.0	4
3	The evolving role of preprints in the dissemination of COVID-19 research and their impact on the science communication landscape. PLoS Biology, 2021, 19, e3000959.	5.6	256
4	Technical and social issues influencing the adoption of preprints in the life sciences. PLoS Genetics, 2020, 16, e1008565.	3.5	38
5	Systematic examination of preprint platforms for use in the medical and biomedical sciences setting. BMJ Open, 2020, 10, e041849.	1.9	54
6	Peer review and preprint policies are unclear at most major journals. PLoS ONE, 2020, 15, e0239518.	2.5	32
7	Peer review and preprint policies are unclear at most major journals. , 2020, 15, e0239518.		0
8	Peer review and preprint policies are unclear at most major journals. , 2020, 15, e0239518.		0
9	Peer review and preprint policies are unclear at most major journals. , 2020, 15, e0239518.		0
10	Peer review and preprint policies are unclear at most major journals. , 2020, 15, e0239518.		0
11	Charting the Dimensions of Preprint Policies. Editorial Office News, 2019, 12, 8-11.	0.0	0
12	Cryo-EM structure of the bacterial actin AlfA reveals unique assembly and ATP-binding interactions and the absence of a conserved subdomain. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3356-3361.	7.1	7
13	Publish peer reviews. Nature, 2018, 560, 545-547.	27.8	46
14	Biomedical Journals and Preprint Services: Friends or Foes?. Clinical Chemistry, 2017, 63, 453-458.	3.2	15
15	Bacterial Tubulins A and B Exhibit Polarized Growth, Mixed-Polarity Bundling, and Destabilization by GTP Hydrolysis. Journal of Bacteriology, 2017, 199, .	2.2	10
16	Superresolution microscopy of the $\hat{1}^2$ -carboxysome reveals a homogeneous matrix. Molecular Biology of the Cell, 2017, 28, 2734-2745.	2.1	14
17	Ten simple rules to consider regarding preprint submission. PLoS Computational Biology, 2017, 13, e1005473.	3.2	77
18	Synthetic Lipid-Containing Scaffolds Enhance Production by Colocalizing Enzymes. ACS Synthetic Biology, 2016, 5, 1396-1403.	3.8	39

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19	Building Spatial Synthetic Biology with Compartments, Scaffolds, and Communities. Cold Spring Harbor Perspectives in Biology, 2016, 8, a024018.	5.5	46
20	A Tunable Protein Piston That Breaks Membranes to Release Encapsulated Cargo. ACS Synthetic Biology, 2016, 5, 303-311.	3.8	19
21	A call for transparency in tracking student and postdoc career outcomes. Molecular Biology of the Cell, 2015, 26, 1413-1415.	2.1	33
22	Fellowships are the future. Nature, 2015, 528, 155-156.	27.8	7
23	Making science a desirable career. Science, 2014, 346, 1422-1422.	12.6	9
24	Accessory factors promote AlfA-dependent plasmid segregation by regulating filament nucleation, disassembly, and bundling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2176-2181.	7.1	28
25	Column: A wake-up call. Nature, 2014, 511, 256-256.	27.8	6
26	Shaping the Future of Research: a perspective from junior scientists. F1000Research, 2014, 3, 291.	1.6	64
27	An open letter to AAAS journal "Science": Postdocs need to address the "The Future of Research". The Winnower, 2014, , .	0.0	2
28	Logistics of Organizing the FOR Symposium. The Winnower, 2014, , .	0.0	4
29	Induced sensitivity of <i>Bacillus subtilis</i> colony morphology to mechanical media compression. PeerJ, 2014, 2, e597.	2.0	5
30	Building synthetic cellular organization. Molecular Biology of the Cell, 2013, 24, 3585-3587.	2.1	7
31	Architecture and Assembly of a Divergent Member of the ParM Family of Bacterial Actin-like Proteins. Journal of Biological Chemistry, 2011, 286, 14282-14290.	3.4	25
32	Microtubule nucleating $\hat{\beta}$ -TuSC assembles structures with 13-fold microtubule-like symmetry. Nature, 2010, 466, 879-882.	27.8	231
33	The Structure and Assembly Dynamics of Plasmid Actin AlfA Imply a Novel Mechanism of DNA Segregation. Journal of Bacteriology, 2009, 191, 6219-6230.	2.2	70
34	Shaping the Future of Research: a perspective from junior scientists. F1000Research, 0, 3, 291.	1.6	33
35	Technical aspects of preprint services in the life sciences: a workshop report. Research Ideas and Outcomes, 0, 3, e11825.	1.0	3