Matthew C Good

List of Publications by Year
in descending order

36 papers	4,312 citations	304743 22 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	6118 citing authors

#	Article	IF	Citations
1	The genome of the choanoflagellate Monosiga brevicollis and the origin of metazoans. Nature, 2008, 451, 783-788.	27.8	1,006
2	Scaffold Proteins: Hubs for Controlling the Flow of Cellular Information. Science, 2011, 332, 680-686.	12.6	756
3	Deciphering Protein Kinase Specificity Through Large-Scale Analysis of Yeast Phosphorylation Site Motifs. Science Signaling, 2010, 3, ra12.	3.6	341
4	Controllable protein phase separation and modular recruitment to form responsive membraneless organelles. Nature Communications, 2018, 9, 2985.	12.8	274
5	The Ste5 Scaffold Allosterically Modulates Signaling Output of the Yeast Mating Pathway. Science, 2006, 311, 822-826.	12.6	266
6	Cytoplasmic Volume Modulates Spindle Size During Embryogenesis. Science, 2013, 342, 856-860.	12.6	234
7	Identifying sequence perturbations to an intrinsically disordered protein that determine its phase-separation behavior. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11421-11431.	7.1	202
8	The Ste5 Scaffold Directs Mating Signaling by Catalytically Unlocking the Fus3 MAP Kinase for Activation. Cell, 2009, 136, 1085-1097.	28.9	177
9	Docking interactions in protein kinase and phosphatase networks. Current Opinion in Structural Biology, 2006, 16, 676-685.	5.7	168
10	The Role of Docking Interactions in Mediating Signaling Input, Output, and Discrimination in the Yeast MAPK Network. Molecular Cell, 2005, 20, 951-962.	9.7	145
11	A Comparative Analysis of Spindle Morphometrics across Metazoans. Current Biology, 2015, 25, 1542-1550.	3.9	98
12	An Alternate Conformation and a Third Metal in PstP/Ppp, the M. tuberculosis PP2C-Family Ser/Thr Protein Phosphatase. Structure, 2004, 12, 1947-1954.	3.3	96
13	Sensor Domain of the Mycobacterium tuberculosis Receptor Ser/Thr Protein Kinase, PknD, forms a Highly Symmetric Î² Propeller. Journal of Molecular Biology, 2004, 339, 459-469.	4.2	65
14	Designer membraneless organelles sequester native factors for control of cell behavior. Nature Chemical Biology, 2021, 17, 998-1007.	8.0	60
15	Spatiotemporal Patterning of Zygotic Genome Activation in a Model Vertebrate Embryo. Developmental Cell, 2019, 49, 852-866.e7.	7.0	54
16	Encoding biological recognition in a bicomponent cell-membrane mimic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5376-5382.	7.1	51
17	Allosteric Activation Mechanism of the Mycobacterium tuberculosis Receptor Ser/Thr Protein Kinase, PknB. Structure, 2010, 18, 1667-1677.	3.3	50
18	SPLIT: Stable Protein Coacervation Using a Light Induced Transition. ACS Synthetic Biology, 2020, 9, 500-507.	3.8	44

#	Article	IF	Citations
19	Encapsulation of hydrophobic components in dendrimersomes and decoration of their surface with proteins and nucleic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15378-15385.	7.1	41
20	Preparation of Cellular Extracts from <i>Xenopus</i> Eggs and Embryos. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot097055.	0.3	38
21	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. ACS Nano, 2020, 14, 7398-7411.	14.6	27
22	Optochemical Control of Protein Localization and Activity within Cell-like Compartments. Biochemistry, 2018, 57, 2590-2596.	2.5	26
23	Cell parts to complex processes, from the bottom up. Nature, 2018, 563, 188-189.	27.8	18
24	Co-assembly of liposomes, Dendrimersomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. Giant, 2022, 9, 100089.	5.1	17
25	Integrating cellular dimensions with cell differentiation during early development. Current Opinion in Cell Biology, 2020, 67, 109-117.	5.4	10
26	Encapsulation of Xenopus Egg and Embryo Extract Spindle Assembly Reactions in Synthetic Cell-Like Compartments with Tunable Size. Methods in Molecular Biology, 2016, 1413, 87-108.	0.9	8
27	Probing the biology of cell boundary conditions through confinement of <i>Xenopus</i> cellâ€free cytoplasmic extracts. Genesis, 2017, 55, e23013.	1.6	8
28	A C. elegans Zona Pellucida domain protein functions via its ZPc domain. PLoS Genetics, 2020, 16, e1009188.	3.5	8
29	Incorporation and Assembly of a Light-Emitting Enzymatic Reaction into Model Protein Condensates. Biochemistry, 2021, 60, 3137-3151.	2.5	6
30	Patterning Microtubule Network Organization Reshapes Cell-Like Compartments. ACS Synthetic Biology, 2021, 10, 1338-1350.	3.8	4
31	Turn Up the Volume: Uncovering Nucleus Size Control Mechanisms. Developmental Cell, 2015, 33, 496-497.	7.0	3
32	OptoLRP6 Illuminates Wnt Signaling in Early Embryo Development. Journal of Molecular Biology, 2021, 433, 167053.	4.2	3
33	Imaging nascent transcription in wholemount vertebrate embryos to characterize zygotic genome activation. Methods in Enzymology, 2020, 638, 139-165.	1.0	2
34	Nuclear sizER in Early Development. Developmental Cell, 2020, 54, 297-298.	7.0	1
35	Size Regulation: Big Insights from Little Cells. Developmental Cell, 2016, 37, 392-394.	7.0	0
36	Peeking under the hood of early embryogenesis: Using tools and synthetic biology to understand native control systems and sculpt tissues. Seminars in Cell and Developmental Biology, 2022, , .	5.0	0