

Gao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

623
citations

1684188

5
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical model for high-throughput tumor and epithelial cell co-culture in complex biochemical microenvironments. Chinese Physics B, 2022, 31, 028703.	1.4	1
2	Robots as models of evolving systems. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120019119.	7.1	10
3	Bootstrapped Motion of an Agent on an Adaptive Resource Landscape. Symmetry, 2021, 13, 225.	2.2	7
4	Biological gel-based microchamber array for tumor cell proliferation and migration studies in well-controlled biochemical gradients. Lab on A Chip, 2021, 21, 3004-3018.	6.0	4
5	Emergent Field-Driven Robot Swarm States. Physical Review Letters, 2021, 126, 108002.	7.8	44
6	Deriving time-varying cellular motility parameters via wavelet analysis. Physical Biology, 2021, 18, 046007.	1.8	2
7	Shannon entropy for time-varying persistence of cell migration. Biophysical Journal, 2021, 120, 2552-2565.	0.5	10
8	Nonlinear dynamics of cell migration in anisotropic microenvironment*. Chinese Physics B, 2021, 30, 090505.	1.4	3
9	It doesn't always pay to be fit: success landscapes. Journal of Biological Physics, 2021, 47, 387-400.	1.5	3
10	Morphological quantification of proliferation-to-invasion transition in tumor spheroids. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129460.	2.4	5
11	Development of elastic artificial vessels with a digital pulse flow system to investigate the risk of restenosis and vasospasm. Lab on A Chip, 2020, 20, 3051-3059.	6.0	5
12	Switched-capacitor-convertors based on fractal design for output power management of triboelectric nanogenerator. Nature Communications, 2020, 11, 1883.	12.8	154
13	The crystal structure of poly[bis(N,N-dimethylformamide- \hat{p} 10)(\hat{p} 1/4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 272 Td (2 \hat{a} \hat{e} $\hat{2}$,5,5 \hat{a} \hat{e} $\hat{2}$ N,N-dimethylformamide (1/2), C36H40N4O16Mn. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1015-1017.	0.3	0
14	Poly[bis(dimethylformamide- \hat{p} 0)-(1/48-5,5 \hat{a} \hat{e} $\hat{2}$ \hat{a} \hat{e} $\hat{2}$ -dicarboxy-[1,1 \hat{a} \hat{e} $\hat{2}$:4 \hat{a} \hat{e} $\hat{2}$,1 \hat{a} \hat{e} $\hat{2}$ \hat{a} \hat{e} $\hat{2}$ -terphenyl]-2 \hat{a} \hat{e} $\hat{2}$,3,3 \hat{a} \hat{e} $\hat{2}$ \hat{a} \hat{e} $\hat{2}$,5 \hat{a} \hat{e} $\hat{2}$ -tetracarboxylato- \hat{p} 8 \hat{a} \hat{e} $\hat{2}$ dimethylformamide (1/2), C18H19N2O8Zn. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1011-1013.	0.3	0
15	A 3D biophysical model for cancer spheroid cell-enhanced invasion in collagen-oriented fiber microenvironment*. Chinese Physics B, 2020, 29, 098702.	1.4	0
16	Quantitative heterogeneity and subgroup classification based on motility of breast cancer cells*. Chinese Physics B, 2019, 28, 108701.	1.4	0
17	Integrated charge excitation triboelectric nanogenerator. Nature Communications, 2019, 10, 1426.	12.8	375