

Gao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

623
citations

1684188

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h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated charge excitation triboelectric nanogenerator. Nature Communications, 2019, 10, 1426.	12.8	375
2	Switched-capacitor-convertors based on fractal design for output power management of triboelectric nanogenerator. Nature Communications, 2020, 11, 1883.	12.8	154
3	Emergent Field-Driven Robot Swarm States. Physical Review Letters, 2021, 126, 108002.	7.8	44
4	Shannon entropy for time-varying persistence of cell migration. Biophysical Journal, 2021, 120, 2552-2565.	0.5	10
5	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
6	Bootstrapped Motion of an Agent on an Adaptive Resource Landscape. Symmetry, 2021, 13, 225.	2.2	7
7	Morphological quantification of proliferation-to-invasion transition in tumor spheroids. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129460.	2.4	5
8	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
9	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
10	Nonlinear dynamics of cell migration in anisotropic microenvironment*. Chinese Physics B, 2021, 30, 090505.	1.4	3
11	It doesn't always pay to be fit: success landscapes. Journal of Biological Physics, 2021, 47, 387-400.	1.5	3
12	Deriving time-varying cellular motility parameters via wavelet analysis. Physical Biology, 2021, 18, 046007.	1.8	2
13	Biophysical model for high-throughput tumor and epithelial cell co-culture in complex biochemical microenvironments. Chinese Physics B, 2022, 31, 028703.	1.4	1
14	Quantitative heterogeneity and subgroup classification based on motility of breast cancer cells*. Chinese Physics B, 2019, 28, 108701.	1.4	0
15	The crystal structure of poly[bis(N,N-dimethylformamide- $\hat{1}^{\circ}$ 10)-(1/4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 Td (2 $\hat{2}^{\circ}$,5,5 $\hat{3}^{\circ}$ N,N-dimethylformamide (1/2), C36H40N4O16Mn. Zeitschrift Fur Kristallographie - New Crystal Structures. 2020. 235. 1015-1017.	0.3	0
16	Poly[bis(dimethylformamide- $\hat{1}^{\circ}$ 10)-(1/48-5,5 $\hat{2}^{\circ}$ -dicarboxy-[1,1 $\hat{2}^{\circ}$:4 $\hat{2}^{\circ}$,1 $\hat{2}^{\circ}$ -terphenyl]-2 $\hat{2}^{\circ}$,3,3 $\hat{2}^{\circ}$,5 $\hat{2}^{\circ}$ -tetracarboxylato- $\hat{1}^{\circ}$ 8 $\hat{2}^{\circ}$ dimethylformamide (1/2), C18H19N2O8Zn. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1011-1013.	0.3	0
17	A 3D biophysical model for cancer spheroid cell-enhanced invasion in collagen-oriented fiber microenvironment*. Chinese Physics B, 2020, 29, 098702.	1.4	0