

# Aneta Koseska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9222582/publications.pdf>

Version: 2024-02-01

20  
papers

1,108  
citations

687363

13  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillation quenching mechanisms: Amplitude vs. oscillation death. <i>Physics Reports</i> , 2013, 531, 173-199.	25.6	340
2	Transition from Amplitude to Oscillation Death via Turing Bifurcation. <i>Physical Review Letters</i> , 2013, 111, 024103.	7.8	149
3	Restoration of rhythmicity in diffusively coupled dynamical networks. <i>Nature Communications</i> , 2015, 6, 7709.	12.8	131
4	Multistability of synthetic genetic networks with repressive cell-to-cell communication. <i>Physical Review E</i> , 2008, 78, 031904.	2.1	84
5	Cell signaling as a cognitive process. <i>EMBO Journal</i> , 2017, 36, 568-582.	7.8	73
6	Generalizing the transition from amplitude to oscillation death in coupled oscillators. <i>Physical Review E</i> , 2013, 88, 050901.	2.1	54
7	Timing Cellular Decision Making Under Noise via Cell-Cell Communication. <i>PLoS ONE</i> , 2009, 4, e4872.	2.5	47
8	Unraveling gene regulatory networks from time-resolved gene expression data – a measures comparison study. <i>BMC Bioinformatics</i> , 2011, 12, 292.	2.6	40
9	Interdependence between EGFR and Phosphatases Spatially Established by Vesicular Dynamics Generates a Growth Factor Sensing and Responding Network. <i>Cell Systems</i> , 2018, 7, 295-309.e11.	6.2	38
10	Processing Temporal Growth Factor Patterns by an Epidermal Growth Factor Receptor Network Dynamically Established in Space. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 359-383.	9.4	24
11	Spatiotemporal dynamics of the Calvin cycle: Multistationarity and symmetry breaking instabilities. <i>BioSystems</i> , 2011, 103, 212-223.	2.0	22
12	Cell-cell communication through FGF4 generates and maintains robust proportions of differentiated cell types in embryonic stem cells. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	22
13	Robustness and timing of cellular differentiation through population-based symmetry breaking. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	16
14	Genome-Wide Identification of Regulatory Elements and Reconstruction of Gene Regulatory Networks of the Green Alga <i>Chlamydomonas reinhardtii</i> under Carbon Deprivation. <i>PLoS ONE</i> , 2013, 8, e79909.	2.5	14
15	Organization at criticality enables processing of time-varying signals by receptor networks. <i>Molecular Systems Biology</i> , 2020, 16, e8870.	7.2	13
16	Data-driven reconstruction of directed networks. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	10
17	Cells use molecular working memory to navigate in changing chemoattractant fields. <i>ELife</i> , 0, 11, .	6.0	10
18	A self-organized synthetic morphogenic liposome responds with shape changes to local light cues. <i>Nature Communications</i> , 2021, 12, 1548.	12.8	9

#	ARTICLE	IF	CITATIONS
19	Stochastic switching in systems with rare and hidden attractors. European Physical Journal: Special Topics, 2018, 227, 747-756.	2.6	4
20	Dynamics of Multicellular Synthetic Gene Networks. World Scientific Lecture Notes in Complex Systems, 2009, , 33-58.	0.1	1