

Paweł, Sobkowicz

List of Publications by Year in descending order

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47
papers

951
citations

516561

16
h-index

454834

30
g-index

47
all docs

47
docs citations

47
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Opinion mining in social media: Modeling, simulating, and forecasting political opinions in the web. Government Information Quarterly, 2012, 29, 470-479.	4.0	164
2	Negative emotions boost user activity at BBC forum. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2936-2944.	1.2	128
3	Dynamics of hate based Internet user networks. European Physical Journal B, 2010, 73, 633-643.	0.6	59
4	Quantum transport studies of grain boundaries in $\text{Hg}_{1-x}\text{Mn}_x\text{Te}$. Applied Physics Letters, 1984, 45, 1214-1216.	1.5	50
5	Dependence on quantum confinement of the in-plane effective mass in $\text{Ga}_{0.47}\text{In}_{0.53}\text{As}/\text{InP}$ quantum wells. Physical Review B, 1992, 45, 14052-14056.	1.1	47
6	Conduction-band spin splitting of type-I $\text{Ga}_{x}\text{In}_{1-x}\text{As}/\text{InP}$ quantum wells. Physical Review B, 1994, 49, 14786-14789.	1.1	44
7	Two-Year Study of Emotion and Communication Patterns in a Highly Polarized Political Discussion Forum. Social Science Computer Review, 2012, 30, 448-469.	2.6	39
8	Lognormal distributions of user post lengths in Internet discussions - a consequence of the Weber-Fechner law?. EPJ Data Science, 2013, 2, .	1.5	37
9	Theory of n-inversion layers in narrow gap semiconductors: the role of the boundary conditions. Semiconductor Science and Technology, 1990, 5, 183-190.	1.0	27
10	Exciton binding energies in shallow $\text{GaAs-Al}_y\text{Ga}_{1-y}\text{As}$ quantum wells. Physical Review B, 1994, 50, 11251-11254.	1.1	27
11	Discrete Model of Opinion Changes Using Knowledge and Emotions as Control Variables. PLoS ONE, 2012, 7, e44489.	1.1	27
12	Extremism without extremists: Deffuant model with emotions. Frontiers in Physics, 2015, 3, .	1.0	24
13	STUDIES OF OPINION STABILITY FOR SMALL DYNAMIC NETWORKS WITH OPPORTUNISTIC AGENTS. International Journal of Modern Physics C, 2009, 20, 1645-1662.	0.8	21
14	Quantitative Agent Based Model of Opinion Dynamics: Polish Elections of 2015. PLoS ONE, 2016, 11, e0155098.	1.1	21
15	Opinion mining in social media. , 2011, , .		18
16	Monte Carlo simulations of spatial correlation effects of charged centres in delta -doping layers. Semiconductor Science and Technology, 1992, 7, 1155-1161.	1.0	16
17	Composition dependence of the in-plane effective mass in lattice-mismatched, strained $\text{Ga}_{1-x}\text{In}_x\text{As}/\text{InP}$ single quantum wells. Applied Physics Letters, 1993, 63, 657-659.	1.5	16
18	Spatial correlations of remote impurity charges: Mechanism responsible for the high mobility of a two-dimensional electron gas. Physical Review B, 1994, 50, 2723-2726.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Opinion Dynamics Model Based on Cognitive Biases of Complex Agents. <i>Jasss</i> , 2018, 21, .	1.0	15
20	EFFECT OF LEADER'S STRATEGY ON OPINION FORMATION IN NETWORKED SOCIETIES WITH LOCAL INTERACTIONS. <i>International Journal of Modern Physics C</i> , 2010, 21, 839-852.	0.8	14
21	Whither Now, Opinion Modelers?. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	12
22	Optically detected spin resonance of conduction band electrons in InGaAs/InP quantum wells. <i>Semiconductor Science and Technology</i> , 1996, 11, 1416-1423.	1.0	10
23	Minority persistence in agent based model using information and emotional arousal as control variables. <i>European Physical Journal B</i> , 2013, 86, 1.	0.6	10
24	Quantitative Agent Based Model of User Behavior in an Internet Discussion Forum. <i>PLoS ONE</i> , 2013, 8, e80524.	1.1	10
25	PROPERTIES OF SOCIAL NETWORK IN AN INTERNET POLITICAL DISCUSSION FORUM. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250062.	0.9	9
26	Agent Based Model of Anti-Vaccination Movements: Simulations and Comparison with Empirical Data. <i>Vaccines</i> , 2021, 9, 809.	2.1	9
27	Innovation Suppression and Clique Evolution in Peer-Review-Based, Competitive Research Funding Systems: An Agent-Based Model. <i>Jasss</i> , 2015, 18, .	1.0	9
28	Inequalities, chance and success in sport competitions: Simulations vs empirical data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 557, 124899.	1.2	7
29	What Information Drives Political Polarization? Comparing the Effects of In-group Praise, Out-group Derogation, and Evidence-based Communications on Polarization. <i>International Journal of Press/Politics</i> , 2022, 27, 325-352.	3.0	7
30	Subband occupancies and zero-field spin splitting in InSb-CdTe heterojunctions: magnetotransport experiments and self-consistent calculations. <i>Semiconductor Science and Technology</i> , 1992, 7, 1377-1385.	1.0	6
31	Simulations of opinion changes in scientific communities. <i>Scientometrics</i> , 2011, 87, 233-250.	1.6	6
32	Bringing Representativeness into Social Media Monitoring and Analysis. , 2013, , .		6
33	Social Simulation Models at the Ethical Crossroads. <i>Science and Engineering Ethics</i> , 2019, 25, 143-157.	1.7	6
34	Spin splitting in narrow-gap two-dimensional electron systems. <i>Journal of Crystal Growth</i> , 1990, 101, 337-340.	0.7	5
35	Monte Carlo simulations of spatial correlations of charges on a random lattice: positional versus thermal disorder. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5283-5294.	0.7	5
36	Agent based model of effects of task allocation strategies in flat organizations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 458, 17-30.	1.2	5

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37	Opinion Formation in the Social Web: Agent-Based Simulations of Opinion Convergence and Divergence. Lecture Notes in Computer Science, 2012, , 288-303.	1.0	5
38	Dilbert-Peter Model of Organization Effectiveness: Computer Simulations. Jasss, 2010, 13, .	1.0	5
39	CYBEREMOTIONS – Collective Emotions in Cyberspace. Procedia Computer Science, 2011, 7, 221-222.	1.2	4
40	Utility, Impact, Fashion and Lobbying: An Agent-Based Model of the Funding and Epistemic Landscape of Research. Jasss, 2017, 20, .	1.0	2
41	On the role of chance in fencing tournaments: An agent-based approach. PLoS ONE, 2022, 17, e0267541.	1.1	2
42	Self-Consistent Calculation of the 2D Subband Structure at Grain Boundaries: Some Shortcomings of the Semiclassical Approach. Physica Status Solidi (B): Basic Research, 1988, 146, K7.	0.7	1
43	How Online Emotions Influence Community Life. Understanding Complex Systems, 2017, , 159-185.	0.3	1
44	Evaluation of the lattice sums in the graphite structure. Synthetic Metals, 1981, 4, 169-170.	2.1	0
45	Optically detected cyclotron resonance determination of the in-plane effective mass in $\text{Ga}_{0.47}\text{In}_{0.53}\text{As}/\text{InP}$ single quantum wells. , 1992, , .		0
46	Spin resonance determination of the effective g-factor of electrons in low dimensional $(\text{GaIn})\text{As}/\text{InP}$ structures. Physica Scripta, 1994, T54, 100-103.	1.2	0
47	Monte Carlo Simulations of Spatial Correlations of Charged Centers in $\hat{\Gamma}$ -Doped Layers. Acta Physica Polonica A, 1992, 82, 645-648.	0.2	0