

Paweł, Sobkowicz

List of Publications by Year in descending order

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47
papers

951
citations

516710
16
h-index

454955
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.	6.8	164
2	Negative emotions boost user activity at BBC forum. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2936-2944.	2.6	128
3	Dynamics of hate based Internet user networks. European Physical Journal B, 2010, 73, 633-643.	1.5	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.	3.3	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.	3.2	47
6	Conduction-band spin splitting of type-I $\text{Ga}_{x-1}\text{In}_1\text{As}/\text{InP}$ quantum wells. Physical Review B, 1994, 49, 14786-14789.	3.2	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.	4.2	39
8	Lognormal distributions of user post lengths in Internet discussions - a consequence of the Weber-Fechner law?. EPJ Data Science, 2013, 2, .	2.8	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.	2.0	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.	3.2	27
11	Discrete Model of Opinion Changes Using Knowledge and Emotions as Control Variables. PLoS ONE, 2012, 7, e44489.	2.5	27
12	Extremism without extremists: Deffuant model with emotions. Frontiers in Physics, 2015, 3, .	2.1	24
13	STUDIES OF OPINION STABILITY FOR SMALL DYNAMIC NETWORKS WITH OPPORTUNISTIC AGENTS. International Journal of Modern Physics C, 2009, 20, 1645-1662.	1.7	21
14	Quantitative Agent Based Model of Opinion Dynamics: Polish Elections of 2015. PLoS ONE, 2016, 11, e0155098.	2.5	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.	2.0	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.	3.3	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.	3.2	15

#	ARTICLE	IF	CITATIONS
19	Opinion Dynamics Model Based on Cognitive Biases of Complex Agents. Jasss, 2018, 21, .	1.8	15
20	EFFECT OF LEADER'S STRATEGY ON OPINION FORMATION IN NETWORKED SOCIETIES WITH LOCAL INTERACTIONS. International Journal of Modern Physics C, 2010, 21, 839-852.	1.7	14
21	Whither Now, Opinion Modelers?. Frontiers in Physics, 2020, 8, .	2.1	12
22	Optically detected spin resonance of conduction band electrons in InGaAs/InP quantum wells. Semiconductor Science and Technology, 1996, 11, 1416-1423.	2.0	10
23	Minority persistence in agent based model using information and emotional arousal as control variables. European Physical Journal B, 2013, 86, 1.	1.5	10
24	Quantitative Agent Based Model of User Behavior in an Internet Discussion Forum. PLoS ONE, 2013, 8, e80524.	2.5	10
25	PROPERTIES OF SOCIAL NETWORK IN AN INTERNET POLITICAL DISCUSSION FORUM. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250062.	1.4	9
26	Agent Based Model of Anti-Vaccination Movements: Simulations and Comparison with Empirical Data. Vaccines, 2021, 9, 809.	4.4	9
27	Innovation Suppression and Clique Evolution in Peer-Review-Based, Competitive Research Funding Systems: An Agent-Based Model. Jasss, 2015, 18, .	1.8	9
28	Inequalities, chance and success in sport competitions: Simulations vs empirical data. Physica A: Statistical Mechanics and Its Applications, 2020, 557, 124899.	2.6	7
29	What Information Drives Political Polarization? Comparing the Effects of In-group Praise, Out-group Derogation, and Evidence-based Communications on Polarization. International Journal of Press/Politics, 2022, 27, 325-352.	5.1	7
30	Subband occupancies and zero-field spin splitting in InSb-CdTe heterojunctions: magnetotransport experiments and self-consistent calculations. Semiconductor Science and Technology, 1992, 7, 1377-1385.	2.0	6
31	Simulations of opinion changes in scientific communities. Scientometrics, 2011, 87, 233-250.	3.0	6
32	Bringing Representativeness into Social Media Monitoring and Analysis. , 2013, , .		6
33	Social Simulation Models at the Ethical Crossroads. Science and Engineering Ethics, 2019, 25, 143-157.	2.9	6
34	Spin splitting in narrow-gap two-dimensional electron systems. Journal of Crystal Growth, 1990, 101, 337-340.	1.5	5
35	Monte Carlo simulations of spatial correlations of charges on a random lattice: positional versus thermal disorder. Journal of Physics Condensed Matter, 1993, 5, 5283-5294.	1.8	5
36	Agent based model of effects of task allocation strategies in flat organizations. Physica A: Statistical Mechanics and Its Applications, 2016, 458, 17-30.	2.6	5

#	ARTICLE	IF	CITATIONS
37	Opinion Formation in the Social Web: Agent-Based Simulations of Opinion Convergence and Divergence. Lecture Notes in Computer Science, 2012, , 288-303.	1.3	5
38	Dilbert-Peter Model of Organization Effectiveness: Computer Simulations. Jasss, 2010, 13, .	1.8	5
39	CYBEREMOTIONS – Collective Emotions in Cyberspace. Procedia Computer Science, 2011, 7, 221-222.	2.0	4
40	Utility, Impact, Fashion and Lobbying: An Agent-Based Model of the Funding and Epistemic Landscape of Research. Jasss, 2017, 20, .	1.8	2
41	On the role of chance in fencing tournaments: An agent-based approach. PLoS ONE, 2022, 17, e0267541.	2.5	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.	1.5	1
43	How Online Emotions Influence Community Life. Understanding Complex Systems, 2017, , 159-185.	0.6	1
44	Evaluation of the lattice sums in the graphite structure. Synthetic Metals, 1981, 4, 169-170.	3.9	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.	2.5	0
47	Monte Carlo Simulations of Spatial Correlations of Charged Centers in δ -Doped Layers. Acta Physica Polonica A, 1992, 82, 645-648.	0.5	0