

Lp	Opis bibliograficzny	Punkty	IF
1	Kryszewski Stanisław: Mechanika kwantowa, 2018, ISBN 978-83-7865-757-6, 332 s.	80	—
2	Pagacz Ryszard, Gumienny Piotr, Karpowicz Adrian: Matematyka: próbne arkusze maturalne: zestaw 4.: poziom rozszerzony, 2018, Oficyna Edukacyjna Krzysztof Pazdro, ISBN 978-83-7594-167-8, 126 s.	—	—
3	Szepietowski Andrzej: Matematyka dyskretna, 2018, ISBN 978-83-7865-747-7, 251 s.	80	—
4	Alicki Robert , Kosloff Ronnie: Introduction to quantum thermodynamics: history and prospects, w: Thermodynamics in the quantum regime: fundamental aspects and new directions / Binder Felix [i in.] (red.), Fundamental Theories of Physics, nr 195, 2018, ISBN 978-3-319-99045-3, ss. 1-33, DOI:10.1007/978-3-319-99046-0_1	20	—
5	Ganzha Maria, Paprzycki Marcin, Pawlowski Wiesław , Szmeja Paweł, Wasilewska Katarzyna: Towards semantic interoperability between Internet of Things platforms , w: Integration, interconnection, and interoperability of IoT systems / Gravina Rafaelle [i in.] (red.), 2018, ISBN 978-3-319-61299-7, ss. 103-127 , DOI:10.1007/978-3-319-61300-0_6	20	—
6	Jędrzejowicz Joanna , Jędrzejowicz Piotr: GEP-Based ensemble classifier with drift-detection, w: Artificial Intelligence XXXV: 38th SGAI International Conference on Artificial Intelligence, AI 2018 Cambridge, UK, December 11-13, 2018: proceedings / Bramer Max, Petridis Miltos (red.), Lecture Notes In Computer Science, nr 11311, 2018, ISBN 978-3-030-04190-8, ss. 121-131	20	—
7	Makowiec Danuta , Graff Beata, Kaczkowska Agnieszka, Graff Grzegorz, Wejer Dorota , Wdowczyk Joanna, Żarczyńska-Buchowiecka Marta, Gruchała Marcin, Struzik Zbigniew: Visualization of short-term heart period variability with network tools as a method for quantifying autonomic drive, w: ECG time series variability analysis : engineering and medicine / Jelinek Herbert F., Cornforth David J., Khandoker Ahsan H. (red.), 2018, ISBN 978-1-4822-4347-5, ss. 141-158	50	—
8	Szmeja Paweł, Ganzha Maria, Paprzycki Marcin, Pawlowski Wiesław : Dimensions of semantic similarity, w: Advances in data analysis with computational intelligence methods: dedicated to Professor Jacek Źurada / Gawęda Adam E. [i in.] (red.), Studies in Computational Intelligence, nr 738, 2018, ISBN 978-3-319-67945-7, ss. 87-125, DOI:10.1007/978-3-319-67946-4_3	—	—
9	Aguilar Edgar A. , Farkas Máté , Martínez Daniel, Alvarado Matías, Cariñe Jaime, Xavier Guilherme B. , Barra Johanna F. , Cañas Gustavo, Pawlowski Marcin , Lima Gustavo: Certifying an irreducible 1024-dimensional photonic state using refined dimension witnesses, w: Physical Review Letters, American Physical Society, vol. 120, nr 23, 2018, ss. 1-18, DOI:10.1103/PhysRevLett.120.230503	45	8,839
10	Aguilar Lozano Edgar , Borkala Jakub , Mironowicz Piotr, Pawlowski Marcin : Connections between mutually unbiased bases and quantum random access codes, w: Physical Review Letters, American Physical Society, vol. 121, nr 5, 2018, ss. 1-6, DOI:10.1103/PhysRevLett.121.050501	45	8,839
11	Alicki Robert , Jenkins Alejandro: Interaction of a quantum field with a rotating heat bath, w: Annals of Physics, Elsevier, vol. 395, 2018, ss. 69-83, DOI:10.1016/j.aop.2018.05.001	35	2,367
12	Augustynowicz Antoni , Baetens Jan M., De Baets Bernard, Dzedzej Adam , Nenca Anna , Wolnik Barbara : A note on the reversibility of 2D cellular automata on hexagonal grids, w: Journal of Cellular Automata, vol. 13, nr 5-6, 2018, ss. 521-526	15	0,511
13	Back Michele, Ueda Jumpei, Brik Mikhail G., Leśniewski Tadeusz , Grinberg Marek , Tanabe Setsuhisa: Revisiting Cr ³⁺ -doped Bi ₂ Ga ₄ O ₉ spectroscopy: crystal field effect and optical thermometric behavior of near-infrared-emitting singly-activated phosphors, w: ACS Applied Materials & Interfaces, American Chemical Society, vol. 10, nr 48, 2018, ss. 41512-41524, DOI: 10.1021/acsami.8b15607	40	8,097
14	Banacki Michał , Marciniak Marcin : Multiple noncommutative tori as quantum symmetry groups, w: Journal of Geometry and Physics, vol. 131, 2018, ss. 1-22, DOI:10.1016/j.geomphys.2018.04.010	25	0,712
15	Baranowska Karolina , Józefowicz Marek : Spectroscopic studies of inclusion complexation between ortho derivatives of p-methylaminobenzoate and α - and γ -cyclodextrins, w: Journal of Molecular Liquids, Elsevier BV, vol. 265, 2018, ss. 140-150, DOI:10.1016/j.molliq.2018.05.120	30	4,513
16	Bartłomiejczyk Agnieszka, Leszczyński Henryk , Marciniak Agnieszka: Rothe's method for physiologically structured models with diffusion, w: Mathematica Slovaca, vol. 68, nr 1, 2018, ss. 211-224, DOI:10.1515/ms-2017-0094	15	0,314
17	Barzowska Justyna , Leśniewski Tadeusz , Mahlik Sebastian , Seo Hyo Jin, Grinberg Marek : KMgF ₃ :Eu ²⁺ as a new fluorescence-based pressure sensor for diamond anvil cell experiments, w: Optical Materials, Elsevier, vol. 84, 2018, ss. 99-102, DOI:10.1016/j.optmat.2018.06.057	30	2,32

18	Boniewicz-Szmyt Katarzyna, Pogorzański Stanisław : Energia powierzchniowa ciał stałych: selekcja efektywnych podłoży bioadhezji w ośrodku wodnym, w: <i>Zeszyty Naukowe Akademii Morskiej w Gdyni</i> , nr online first, 2018, ss. 1-16	7	—
19	Boniewicz-Szmyt Katarzyna, Pogorzański Stanisław : Evolution of natural sea surface films: a new quantification formalism based on multidimensional space vector, w: <i>Environmental Science and Pollution Research</i> , vol. 25, nr 5, 2018, ss. 4826-4836, DOI:10.1007/s11356-017-0788-2	30	2,8
20	Boniewicz-Szmyt Katarzyna, Pogorzański Stanisław : Influence of surfactant concentration and temperature gradients on spreading of crude-oil at Sea, w: <i>Frontiers in Marine Science</i> , Frontiers Media S.A., vol. 5, 2018, ss. 1-11, DOI:10.3389/fmars.2018.00388	5	—
21	Bose Kumardipta, Das Pratulananda, Kwela Adam : Generating new ideals using weighted density via modulus functions, w: <i>Indagationes Mathematicae-New Series</i> , vol. 29, nr 5, 2018, ss. 1196-1209, DOI:10.1016/j.indag.2018.05.002	15	0,753
22	Bouazza Safa, Sobolewski Łukasz, Kwela Jerzy : Zeeman-hyperfine structures and isotope effect in the spectrum of Tl I, w: <i>Atomic Data and Nuclear Data Tables</i> , vol. 119, 2018, ss. 287-302, DOI: 10.1016/j.adt.2017.02.001	25	4,441
23	Cai Peiqing, Shi Liang, Chen Cuili, Grinberg Marek , Seo Hyo Jin: Unusual temperature and excitation energy dependences of impurity-trapped excitons in LiBaF ₃ :Eu ²⁺ crystals, w: <i>Journal of Luminescence</i> , vol. 195, 2018, ss. 141-152, DOI:10.1016/j.jlumin.2017.11.017	35	2,732
24	Chaturvedi Anubhav , Ray Maharsi, Veynar Ryszard , Pawłowski Marcin : On the security of semi-device-independent QKD protocols, w: <i>Quantum Information Processing</i> , vol. 17, nr 6, 2018, ss. 1-20, DOI:10.1007/s11128-018-1892-z	35	2,283
25	Cheng Zhiyun, Mukherjee Sujoy, Przytycki Józef H. , Wang Xiao, Yang Seung Yeop: Strict unimodality of plucking polynomials of rooted trees, w: <i>Journal of Knot Theory and Its Ramifications</i> , vol. 27, nr 7, 2018, ss. 1-19, DOI:10.1142/S0218216518410092	20	0,458
26	Chruściński Dariusz, Marciniak Marcin, Rutkowski Adam : Generalizing Choi-like maps, w: <i>Acta Mathematica Vietnamica</i> , Vietnam Academy of Science and Technology, vol. 43, nr 4, 2018, ss. 661-674, DOI:10.1007/s40306-018-0272-1	5	—
27	Ciechlewski Marcin , Spodnik Jan H.: Semi-automatic corpus callosum segmentation and 3D visualization using active contour methods, w: <i>Symmetry-Basel</i> , vol. 10, nr 11, 2018, ss. 1-25, DOI: 10.3390/sym10110589	30	1,256
28	Ciesielski K. C., Gámez-Merino J. L., Natkaniec Tomasz , Seoane-Sepúlveda J. B.: On functions that are almost continuous and perfectly everywhere surjective but not Jones. Lineability and additivity, w: <i>Topology and Its Applications</i> , vol. 235, 2018, ss. 73-82, DOI:10.1016/j.topol.2017.12.017	20	0,549
29	Czechlewski Mikołaj, Saha Debashis , Tavakoli Armin, Pawłowski Marcin : Device-independent witness of arbitrary-dimensional quantum systems employing binary-outcome measurements, w: <i>Physical Review A</i> , American Physical Society, vol. 98, nr 6, 2018, ss. 1-7, DOI:10.1103/PhysRevA.98.062305	35	2,808
30	Czechlewski Mikołaj, Pawłowski Marcin : Influence of the choice of postprocessing method on Bell inequalities, w: <i>Physical Review A</i> , American Physical Society, vol. 97, nr 6, 2018, ss. 1-6, DOI: 10.1103/PhysRevA.97.062123	35	2,808
31	Czekaj Łukasz, Horodecki Michał, Tylec Tomasz Ignacy : Bell measurement ruling out supraquantum correlations, w: <i>Physical Review A</i> , American Physical Society, vol. 98, nr 3, 2018, ss. 1-7, DOI:10.1103/PhysRevA.98.032117	35	2,808
32	Czaplański Tomasz, Karpowicz Adrian : Second order evolution differential functional equations with infinite delay, w: <i>Commentationes Mathematicae</i> , vol. 58, nr 1-2, 2018, ss. 93-104, DOI: 10.14708/cm.v58i1-2.6377	9	—
33	Dam-O Punシリ, Gondek Joanna , Karbowiak Michał, Wibig Tadeusz: Observation of the effect of gender on children's concept of motion, w: <i>Sustainability</i> , vol. 10, nr 9, 2018, ss. 1-14, DOI:10.3390 /su10093076	20	2,075
34	Dembowski Marcin, Wolnik Barbara , Bolt Witold , Baetens Jan M., De Baets Bernard : Affine continuous cellular automata solving the fixed-length density classification problem, w: <i>Natural Computing</i> , vol. 17, nr 3, 2018, ss. 467-477, DOI:10.1007/s11047-017-9631-4	25	0,86
35	Dettlaff M., Lemańska M., Topp Jerzy, Żyliński Paweł : Coronas and domination subdivision number of a graph, w: <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , vol. 41, nr 4, 2018, ss. 1717-1724, DOI:10.1007/s40840-016-0417-0	25	0,84

36	Dodin Amro, Tscherbul Timur, Alicki Robert , Vutha Amar, Brumer Paul: Secular versus nonsecular Redfield dynamics and Fano coherences in incoherent excitation: An experimental proposal, w: Physical Review A, American Physical Society, vol. 97, nr 1, 2018, ss. 1-10, DOI:10.1103/PhysRevA.97.013421	35	2,808
37	Drgas-Burchardt Ewa, Dybizbański Janusz , Furmańczyk Hanna, Sidorowicz Elżbieta: Equitable list vertex colourability and arboricity of grids, w: Filomat, vol. 32, nr 18, 2018, ss. 6353-6374, DOI: 10.2298/FIL1818353D	25	0,635
38	Drozdowski Ryszard, Kowalski Andrzej: Luminescence cross sections in the low-energy collisions of H+, H2+, and H3+ ions with H2, w: European Physical Journal D, EDP Sciences, vol. 72, 2018, ss. 1-8, DOI:10.1140/epjd/e2018-90234-4	20	1,393
39	Dybizbański Janusz: A lower bound on the hypergraph Ramsey number R(4,5;3), w: Contributions to Discrete Mathematics, vol. 13, nr 2, 2018, ss. 112-115	20	0,353
40	Dybizbański Janusz, Szepietowski Andrzej: Hamiltonian cycles in hypercubes with faulty edges, w: International Journal of Computer Mathematics. Computer Systems Theory, Taylor & Francis Publishers, vol. 3, nr 4, 2018, ss. 244-261, DOI:10.1080/23799927.2018.1538164	5	—
41	Dzido Tomasz , Jastrzębski Andrzej: Turán numbers for odd wheels, w: Discrete Mathematics, vol. 341, nr 4, 2018, ss. 1150-1154, DOI:10.1016/j.disc.2017.10.003	25	0,738
42	Fang Mu-Huai, Wu Wei-Lun, Jin Ye, Leśniewski Tadeusz , Mahlik Sebastian, Grinberg Marek , Brik Mikhail G., Srivastava Alok M., Chiang Chang-Yang, Zhou Wuzong: Control of luminescence by tuning of crystal symmetry and local structure in Mn4+ -activated narrow band fluoride phosphors, w: Angewandte Chemie-International Edition, Wiley - V C H Verlag GmbH & Co. KGaA, vol. 57, nr 7, 2018, ss. 1797-1801, DOI:10.1002/anie.201708814, łączna liczba autorów: 16	45	12,102
43	Fonseca Alejandro, de Rosier Anna , Vértesi Tamás, Laskowski Wiesław, Parisio Fernando: Survey on the Bell nonlocality of a pair of entangled qudits, w: Physical Review A, American Physical Society, vol. 98, nr 4, 2018, ss. 1-8, DOI:10.1103/PhysRevA.98.042105	35	2,808
44	Frąckiewicz Piotr, Pykacz Jarosław: On subgame perfect equilibria in quantum Stackelberg duopoly, w: Physics Letters A, vol. 382, nr 8, 2018, ss. 561-565, DOI:10.1016/j.physleta.2017.12.009	30	1,863
45	Furmańczyk Hanna , Vivin J. Vernold , Mohanapriya N. : r-dynamic chromatic number of some line graphs, w: Indian Journal of Pure & Applied Mathematics, vol. 49, nr 4, 2018, ss. 591-600, DOI: 10.1007/s13226-018-0288-1	15	0,252
46	Furmańczyk Hanna , Kubale Marek: Scheduling of unit-length jobs with cubic incompatibility graphs on three uniform machines, w: Discrete Applied Mathematics, vol. 234, 2018, ss. 210-217, DOI:10.1016/j.dam.2016.01.036	25	0,932
47	Furmańczyk Hanna , Kubale Marek: Tight bounds on the complexity of semi-equitable coloring of cubic and subcubic graphs, w: Discrete Applied Mathematics, vol. 237, 2018, ss. 116-122, DOI: 10.1016/j.dam.2017.12.002	25	0,932
48	Gąsior Anna, Lutowski Rafal, Szczepański Andrzej: A short note about diffuse Bieberbach groups , w: Journal of Algebra, vol. 494, 2018, ss. 237-245, DOI:10.1016/j.jalgebra.2017.08.033	25	0,675
49	Gianfrate Antonio, Dominici Lorenzo, Voronych Oksana , Matuszewski Michał, Stobińska Magdalena, Ballarini Dario, De Giorgi Milena, Gigli Giuseppe, Sanvitto Daniele: Superluminal X-waves in a polariton quantum fluid, w: Light-Science & Applications, vol. 7, nr 1, 2018, ss. 1-9, DOI: 10.1038/lsa.2017.119	50	13,625
50	Gluza M., Kliesch Martin , Eisert J., Aolita L.: Fidelity witnesses for fermionic quantum simulations, w: Physical Review Letters, American Physical Society, vol. 120, nr 19, 2018, ss. 1-7, DOI:10.1103/PhysRevLett.120.190501	45	8,839
51	Godlewska Magdalena: Smart document-centric processing of human oriented information flows, w: Computing and Informatics, vol. 37, nr 3, 2018, ss. 673-692, DOI:10.4149/cai_2018_3_673	15	0,41
52	Gour Gilad, Grudka Andrzej, Horodecki Michał , Kłobus Waldemar, Łodyga Justyna, Narasimhachar Varun: Conditional uncertainty principle, w: Physical Review A, American Physical Society, vol. 97, nr 4, 2018, ss. 1-14, DOI:10.1103/PhysRevA.97.042130	35	2,808
53	Gromadzki Grzegorz , Wootton Aaron: Geometry of the 1-skeleta of singular nerves of moduli spaces of Riemann surfaces, w: Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales Serie A-Matematicas, vol. 112, nr 3, 2018, ss. 849-865, DOI:10.1007/s13398-018-0505-0	20	1,074
54	Gromadzki Grzegorz , Hidalgo Rubén A.: On Macbeath's formula for hyperbolic manifolds, w: Albanian Journal of Mathematics, University of Vlora, vol. 12, nr 1, 2018, ss. 15-23	5	—

55	Gromadzki Grzegorz , Hirose Susumu, Szepietowski Blażej : On topological classification of finite cyclic actions on bordered surfaces, w: Nagoya Mathematical Journal, vol. 230, 2018, ss. 102-143, DOI:10.1017/nmj.2017.5	25	0,776
56	Gromadzki Grzegorz , Kozłowska-Walania Ewa : The groups generated by maximal sets of symmetries of Riemann surfaces and extremal quantities of their ovals, w: Moscow Mathematical Journal, vol. 18, nr 3, 2018, ss. 421-436	25	0,704
57	Grzegorczyk Maciej , Pogorzeliski Stanisław , Pospiech Aneta , Boniewicz-Szmyt Katarzyna: Monitoring of marine biofilm formation dynamics at submerged solid surfaces with multitechnique sensors, w: Frontiers in Marine Science, Frontiers Media S.A., vol. 5, 2018, ss. 1-16, DOI:10.3389/fmars.2018.00363	5	—
58	Grzegorek Edward , Labuda Iwo: On two theorems of Sierpiński, w: Archiv Der Mathematik, vol. 110, nr 6, 2018, ss. 637-644, DOI:10.1007/s00013-018-1179-8	20	0,59
59	Gulgowski Jacek : Bounded variation solutions to Sturm-Liouville problems, w: Electronic Journal of Differential Equations, vol. 2018, 2018, ss. 1-13	25	0,944
60	Holec-Gąsior Lucyna, Ferra Bartłomiej, Czechowska Justyna , Serdiuk Illia, Krzymiński Karol: A novel chemiluminescent immunoassay based on original acridinium ester labels as better solution for diagnosis of human toxoplasmosis than conventional ELISA test, w: Diagnostic Microbiology and Infectious Disease, vol. 91, nr 1, 2018, ss. 13-19, DOI:10.1016/j.diagmicrobio.2017.12.022	25	2,341
61	Horodecki Karol , Ćwikliński Piotr, Rutkowski Adam, Studziński Michał: On distilling secure key from reducible private states and (non)existence of entangled key-undistillable states, w: New Journal of Physics, Institute of Physics , vol. 20, 2018, ss. 1-24, DOI:10.1088/1367-2630/aad75a	40	3,579
62	Horodecki Michał , Oppenheim Jonathan, Sparaciari Carlo: Extremal distributions under approximate majorization, w: Journal of Physics A-Mathematical and Theoretical, vol. 51, nr 30, 2018, ss. 1-16, DOI:10.1088/1751-8121/aac87c	25	1,963
63	Jeonghee Ryu , Marciniak Marcin, Wieśniak Marcin, Źukowski Marek: Entanglement indicators for quantum optical fields: three-mode multiport beamsplitters EPR interference experiments, w: Journal of Optics, Queen's University Belfast, vol. 20, nr 4, 2018, ss. 1-9, DOI:10.1088/2040-8986/aaadc6	30	2,323
64	Jędrzejowicz Joanna , Kostrzewski Robert, Neumann Jakub, Zakrzewska Magdalena: Imbalanced data classification using MapReduce and relief, w: Journal of Information and Telecommunication, Taylor & Francis, vol. 2, nr 2, 2018, ss. 217-230, DOI:10.1080/24751839.2018.1440454	5	—
65	Jędrzejowicz Joanna , Jędrzejowicz Piotr: Incremental gene expression programming classifier with metagenes and data reduction, w: Complexity, vol. 2018, 2018, ss. 1-12, DOI:10.1155/2018/6794067	35	1,829
66	Kindrat I. I., Padlyak B. V., Kukliński Benedykt , Drzewiecki A., Adamiv V. T.: Enhancement of the Eu ³⁺ luminescence in Li ₂ B4O ₇ glasses co-doped with Eu and Ag, w: Journal of Luminescence, vol. 204, 2018, ss. 122-129, DOI:10.1016/j.jlumin.2018.07.051	35	2,732
67	Klonkowski Andrzej Marian , Kukliński Benedykt , Kubus Mariusz, Ryl Jacek, Szczodrowski Karol , Wileńska Dorota, Meyer H.-Jürgen: Up-conversion white emission and other luminescence properties of a YAG:Yb ₂ O ₃ ·Tm ₂ O ₃ ·Ho ₂ O ₃ @SiO ₂ glass-nanocomposite, w: RSC Advances, Royal Society of Chemistry, vol. 8, nr 20, 2018, ss. 11006-11013, DOI:10.1039/C8RA00118A	30	2,936
68	Kostrzewska Kamil , Laskowski Wiesław , Vértesi Tamás: Closing the detection loophole in multipartite Bell experiments with a limited number of efficient detectors, w: Physical Review A, American Physical Society, vol. 98, nr 1, 2018, ss. 1-5, DOI:10.1103/PhysRevA.98.012138	35	2,808
69	Krzyżanowska Iwona : Cross-cap singularities counted with sign, w: Algebra and Discrete Mathematics, vol. 25, nr 2, 2018, ss. 257-268	5	—
70	Krzyżanowska Iwona , Nowel Aleksandra: Mappings into the Stiefel manifold and cross-cap singularities, w: Houston Journal of Mathematics, vol. 44, nr 3, 2018, ss. 831-846	15	0,285
71	Kwela Adam : Erdős-Ulam ideals vs. simple density ideals, w: Journal of Mathematical Analysis and Applications, vol. 462, nr 1, 2018, ss. 114-130, DOI:10.1016/j.jmaa.2018.01.071	35	1,138
72	Kwela Adam : Ideal weak QN-spaces, w: Topology and Its Applications, vol. 240, 2018, ss. 98-115, DOI:10.1016/j.topol.2018.03.007	20	0,549
73	Kwela Marta , Nowik Andrzej: Ideals of nowhere dense sets in some topologies on positive integers, w: Topology and Its Applications, vol. 248, 2018, ss. 149-163, DOI:10.1016/j.topol.2018.08.015	20	0,549

74	Kwiatkowski Adam, Jędrzejewska Beata, Józefowicz Marek , Grela Izabela, Osmiałowski Borys: The trans/cis photoisomerization in hydrogen bonded complexes with stability controlled by substituent effects: 3-(6-aminopyridin-3-yl)acrylate case study, w: RSC Advances, Royal Society of Chemistry, vol. 8, nr 42, 2018, ss. 23698-23710, DOI:10.1039/c8ra03042a	30	2,936
75	Lazarowska Agata, Leśniewski Tadeusz , Mahlik Sebastian, Grinberg Marek , Liu Ru-Shi: Thermal quenching of Ce ³⁺ luminescence in the cuspidine-type oxide nitride compounds Y ₄ Si _{2-x} Al _x O _{7+x} N _{2-x} , w: Journal of Luminescence, vol. 193, 2018, ss. 125-132, DOI:10.1016/j.jlumin.2017.07.030	35	2,732
76	Leaño Jr. Julius L. , Lazarowska Agata, Mahlik Sebastian, Grinberg Marek , Sheu Hwo-Shuenn, Liu Ru-Shi: Disentangling red emission and compensatory defects in Sr[LiAl ₃ N ₄]:Ce ³⁺ phosphor, w: Chemistry of Materials, American Chemical Society, vol. 30, nr 14, 2018, ss. 4493-4497, DOI: 10.1021/acs.chemmater.8b01561	45	9,89
77	Leaño Jr. Julius L. , Leśniewski Tadeusz , Lazarowska Agata, Mahlik Sebastian, Grinberg Marek , Sheu Hwo-Shuenn, Liu Ru-Shi: Thermal stabilization and energy transfer in narrow-band red-emitting Sr[(Mg ₂ Al ₂) _{1-y} (Li ₂ Si ₂) _y N ₄]:Eu ²⁺ phosphors, w: Journal of Materials Chemistry C, Royal Society of Chemistr, vol. 6, nr 22, 2018, ss. 5975-5983, DOI:10.1039/c7tc05613c	40	5,976
78	Lertchoosakul Poj , Radhakrishnan Nair: On the quantitative metric theory of continued fractions in positive characteristic, w: Proceedings of the Edinburgh Mathematical Society, vol. 61, nr 1, 2018, ss. 283-293, DOI:10.1017/S0013091517000177	25	0,604
79	Leśniewski Tadeusz , Mahlik Sebastian , Asami Kazuki, Ueda Jumpei, Grinberg Marek , Tanabe Setsuhisa: Comparison of quenching mechanisms in Gd ₃ Al _{5-x} GaxO ₁₂ :Ce ³⁺ (x= 3 and 5) garnet phosphors by photocurrent excitation spectroscopy, w: Physical Chemistry Chemical Physics, RSC Publications, vol. 20, nr 27, 2018, ss. 18380-18390, DOI:10.1039/C8CP03176B	40	3,906
80	Lewandowski Tomasz, Seweryński Cezary, Walas Michałina, Łapiński Marcin, Synak Anna , Sadowski Wojciech, Kościelska Barbara: Structural and luminescent study of TeO ₂ -BaO-Bi ₂ O ₃ -Ag glass system doped with Eu ³⁺ and Dy ³⁺ for possible color-tunable phosphor application, w: Optical Materials, Elsevier, vol. 79, 2018, ss. 390-396, DOI:10.1016/j.optmat.2018.03.031	30	2,32
81	Lubecka Emilia, Sieradzan Adam, Czaplewski Cezary , Krupa Paweł, Liwo Józef Adam : High performance computing with coarse grained model of biological macromolecules, w: Supercomputing Frontiers and Innovations, Publishing Center of South Ural State University, vol. 5, nr 2, 2018, ss. 63-75, DOI:10.14529/jsfi180206	5	—
82	Lutowski Rafal , Marciniak Zbigniew: Affine representations of Fibonacci groups and flat manifolds, w: Communications in Algebra, vol. 46, nr 6, 2018, ss. 2738-2741, DOI:10.1080/00927872.2017.1399412	15	0,481
83	Lutowski Rafal , Petrosyan Nansen, Szczepański Andrzej : Classification of spin structures on 4-dimensional almost-flat manifolds, w: Mathematika, University College London, vol. 64, nr 1, 2018, ss. 253-266, DOI:10.1112/S0025579317000560	25	0,779
84	Lutowski Rafal, Szczepański Andrzej : Crystallographic groups with trivial center and outer automorphism group, w: Mathematical Proceedings of the Cambridge Philosophical Society, vol. 164, nr 2, 2018, ss. 363-368, DOI:10.1017/S0305004117000251	30	0,691
85	Łapiński Marcin, Synak Anna , Gapska Anna, Bojarski Piotr , Sadowski Wojciech, Kościelska Barbara: New plasmonic platform for enhanced luminescence of Valrubicin, w: Optical Materials, Elsevier, vol. 83, 2018, ss. 225-228, DOI:10.1016/j.optmat.2018.05.002	30	2,32
86	Łubkowska Beata, Strankowska Justyna, Maćkiewicz Zbigniew, Grobelna Beata : A study of the release of active peptide from semisolid hydrogels measured with Franz diffusion apparatus, w: Archives of Medical Science - Aging , Termedia Publishing House , vol. 1, 2018, e12-e18, DOI: 10.5114/amsa.2018.78777	—	—
87	Mahlik Sebastian, Leśniewski Tadeusz , Grinberg Marek , Kulesza Dagmara, Zych Eugeniusz: Spectroscopic properties of high-temperature sintered SrS:0.05%Ce ³⁺ under high hydrostatic pressure, w: Physical Chemistry Chemical Physics, RSC Publications, vol. 20, nr 15, 2018, ss. 10266-10274, DOI:10.1039/c7cp08353j	40	3,906
88	Makowiec Danuta, Wejer Dorota , Graff Beata, Struzik Zbigniew: Dynamical pattern representation of cardiovascular couplings evoked by head-up tilt test, w: Entropy, MDPIAG, vol. 20, nr 4, 2018, ss. 1-24, DOI:10.3390/e20040235	30	2,305

89	Makurat Samanta, Zdrowowicz Magdalena, Chomicz-Mańska Lidia, Kozak Witold, Serdiuk Illia, Wityk Paweł, Kawecka Alicja, Sosnowska Marta, Rak Janusz: 5-Selenocyanato and 5-trifluoromethanesulfonyl derivatives of 2'-deoxyuridine: synthesis, radiation and computational chemistry as well as cytotoxicity, w: RSC Advances, Royal Society of Chemistry, vol. 8, nr 38, 2018, ss. 21378-21388, DOI:10.1039/c8ra03172j	30	2,936
90	Markiewicz Marcin, Kolodziejekski Adrian , Puchała Zbigniew, Rutkowski Adam, Tylec Tomasz, Laskowski Wiesław: Unified approach to geometric and positive-map-based nonlinear entanglement identifiers, w: Physical Review A, American Physical Society, vol. 97, nr 4, 2018, ss. 1-10, DOI: 10.1103/PhysRevA.97.042339	35	2,808
91	Mazurek Paweł, Horodecki Michał: Decomposability and convex structure of thermal processes, w: New Journal of Physics, Institute of Physics , vol. 20, nr 5, 2018, ss. 1-15, DOI:10.1088/1367-2630 /aac057	40	3,579
92	Michel Ulrich, Kliesch Martin, Kueng Richard, Gross David: Comments on "Improving compressed sensing with the diamond norm" – saturation of the norm inequalities between diamond and nuclear norm, w: IEEE Transactions on Information Theory, vol. 64, nr 11, 2018, ss. 7443-7445, DOI: 10.1109/TIT.2018.2861887	40	2,187
93	Miotk Mateusz, Topp Jerzy: Hangable graphs, w: International Journal of Advances in Mathematics, International Journal of Advances in Mathematics, vol. 2018, nr 4, 2018, ss. 44-50	5	—
94	Mozrzymas Marek, Studziński Michał, Horodecki Michał: A simplified formalism of the algebra of partially transposed permutation operators with applications, w: Journal of Physics A-Mathematical and Theoretical, vol. 51, nr 12, 2018, ss. 1-32, DOI:10.1088/1751-8121/aaad15	25	1,963
95	Mozrzymas Marek, Studziński Michał, Strelchuk Sergii, Horodecki Michał: Optimal port-based teleportation, w: New Journal of Physics, Institute of Physics , vol. 20, nr 5, 2018, ss. 1-24, DOI: 10.1088/1367-2630/aab8e7	40	3,579
96	Mroczkowski Maciej: The Dubrovnik and Kauffman skein modules of the lens spaces $L_{p,1}$, w: Journal of Knot Theory and Its Ramifications, vol. 27, nr 3, 2018, ss. 1-15, DOI:10.1142/S0218216518400047	20	0,458
97	Mukherjee Sujoy, Przytycki Józef Henryk, Silvero Marithania, Wang Xiao, Yang Seung Yeop: Search for torsion in Khovanov homology, w: Experimental Mathematics, vol. 27, nr 4, 2018, ss. 488-497, DOI:10.1080/10586458.2017.1320242	25	0,805
98	Natkaniec Tomasz, Wódka Julia: On the pointwise limits of sequences of Świątkowski functions, w: Czechoslovak Mathematical Journal, vol. 68, nr 4, 2018, ss. 875-888, DOI:10.21136/CMJ.2018.0022-17	15	0,34
99	Niebrzydowski Maciej: Categories of diagrams with irreversible moves, w: Journal of Knot Theory and Its Ramifications, vol. 27, nr 3, 2018, ss. 1-30, DOI:10.1142/S0218216518400060	20	0,458
100	Nowik Andrzej: On the family of functions with closure of graphs in the Mendez ideals, w: Mathematica Slovaca, vol. 68, nr 2, 2018, ss. 245-252, DOI:10.1515/ms-2017-0097	15	0,314
101	Oszmaniec Michał, Brod Daniel J.: Classical simulation of photonic linear optics with lost particles, w: New Journal of Physics, Institute of Physics , vol. 20, nr 9, 2018, ss. 1-27, DOI:10.1088/1367-2630 /aadfa8	40	3,579
102	Perry Christopher, Ćwikliński Piotr, Anders Janet, Horodecki Michał, Oppenheim Jonathan: A sufficient set of experimentally implementable thermal operations for small systems, w: Physical Review X, vol. 8, nr 4, 2018, ss. 1-13, DOI:10.1103/PhysRevX.8.041049	45	14,385
103	Pierpaoli Mattia, Lewkowicz Aneta, Ficek Mateusz, Ruello Maria Letizia , Bogdanowicz Robert: Preparation and characterization of TiO ₂ /carbon nanowall composite on a transparent substrate, w: Photonics Letters of Poland, Polskie Stowarzyszenie Fotoniczne, vol. 10, nr 2, 2018, ss. 54-56, DOI: 10.4302/plp.v10i2.825	7	—
104	Piosik Emilia, Synak Anna, Martyński Tomasz: Influence of chlorine atoms in bay positions of perylene-tetracarboxylic acids on their spectral properties in Langmuir-Blodgett films, w: Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Elsevier BV, vol. 189, 2018, ss. 374-380, DOI:10.1016/j.saa.2017.08.043	30	2,88
105	Przewocki Janusz, Zastrow Andreas: On the coincidence of zeroth Milnor-Thurston and singular homology, w: Fundamenta Mathematicae, vol. 243, nr 2, 2018, ss. 109-122, DOI:10.4064/fm893-6-2018	20	0,561
106	Przytycki Józef H., Wang Xiao: Equivalence of two definitions of set-theoretic Yang-Baxter homology and general Yang-Baxter homology, w: Journal of Knot Theory and Its Ramifications, vol. 27, nr 7, 2018, ss. 1-15, DOI:10.1142/S0218216518410134	20	0,458

107	Przytycki Józef Henryk , Silvero Marithania: Homotopy type of circle graph complexes motivated by extreme Khovanov homology , w: Journal of Algebraic Combinatorics, vol. 48, nr 1, 2018, ss. 119-156, DOI:10.1007/s10801-017-0794-y	30	0,73
108	Rajendran Veeramani, Fang Mu-Huai, Guzman Gabriel Nicolo De, Leśniewski Tadeusz , Mahlik Sebastian, Grinberg Marek , Leniec Grzegorz, Kaczmarek Sławomir M., Lin Yan-Shen, Lu Kuang-Mao: Super broadband near-infrared phosphors with high radiant flux as future light sources for spectroscopy applications, w: ACS Energy Letters, vol. 3, nr 11, 2018, ss. 2679-2684, DOI:10.1021/acsenergylett.8b01643, łączna liczba autorów: 14	5	12,277
109	Rosicka Monika: A proof of the universal fixer conjecture, w: Utilitas Mathematica, vol. 108, 2018, ss. 125-132	15	0,267
110	Roth I., Kueng R., Kimmel S., Liu Y.-K., Gross D., Eisert J., Kliesch Martin: Recovering quantum gates from few average gate fidelities, w: Physical Review Letters, American Physical Society, vol. 121, nr 17, 2018, ss. 1-8, DOI:10.1103/PhysRevLett.121.170502	45	8,839
111	Serdiuk Illia: Design and emissive features of ionic white-light fluorophore, w: The Journal of Physical Chemistry Part C: Nanomaterials, Interfaces and Hard Matter, American Chemical Society, vol. 122, nr 32, 2018, ss. 18615-18620, DOI:10.1021/acs.jpcc.8b05727	35	4,484
112	Serdiuk Illia, Reszka Milena, Synak Anna, Liberek Beata, Bojarski Piotr: Determination of low-activity hydrolases using ESIPT fluorescent indicators on silver surfaces, w: Dyes and Pigments, Pergamon, vol. 149, 2018, ss. 224-228, DOI:10.1016/j.dyepig.2017.09.067	40	3,767
113	Serdiuk Illia, Wera Michał , Roshal Alexander D. : Structural and spectral features of 4'-substituted 2'-hydroxychalcones in solutions and crystals: spectroscopic and theoretical investigations, w: Journal of Physical Chemistry A, vol. 122, nr 8, 2018, ss. 2030-2038, DOI:10.1021/acs.jpca.7b10361	30	2,836
114	Sieradzan Adam, Lipska Agnieszka, Lubecka Emilia: Shielding effect in protein folding, w: Journal of Molecular Graphics & Modelling, vol. 79, 2018, ss. 118-132, DOI:10.1016/j.jmgm.2017.10.018	25	1,885
115	Sobolewski Łukasz , Windholz Laurentius, Kwela Jerzy: Magnetic splitting of lines of Pr I, w: Journal of Quantitative Spectroscopy & Radiative Transfer, Elsevier, vol. 219, 2018, ss. 399-404, DOI:10.1016/j.jqsrt.2018.09.003	35	2,6
116	Stefańska D., Werbowy Sławomir , Krzykowski A., Furmann B.: Lande gJ factors for even-parity electronic levels in the holmium atom, w: Journal of Quantitative Spectroscopy & Radiative Transfer, Elsevier, vol. 210, 2018, ss. 136-140, DOI:10.1016/j.jqsrt.2018.02.015	35	2,6
117	Strankowski Michał, Korzeniowski Piotr, Strankowska Justyna , Anu A. S., Sadu Thomas: Morphology, mechanical and thermal properties of thermoplastic polyurethane containing reduced graphene oxide and graphene nanoplatelets, w: Materials, MDPIAG, vol. 11, nr 1, 2018, ss. 1-18, DOI:10.3390/ma11010082	35	2,467
118	Synak Anna , Fudala Rafał, Gryczyński Ignacy, Kułak L., Shah S., Serdiuk Illia, Grobelna Beata, Arlukowicz Piotr, Kubicki Aleksander, Bojarski Piotr: AMCA to TAMRA long range resonance energy transfer on a flexible peptide, w: Dyes and Pigments, Pergamon, vol. 158, 2018, ss. 60-64, DOI:10.1016/j.dyepig.2018.05.019	40	3,767
119	Synak Anna, Bojarski Piotr, Grobelna Beata , Gryczyński Ignacy, Fudala Rafał, Mońka Michał: Enhanced emission of Nile Red on plasmonic platforms, w: Optical Materials, Elsevier, vol. 78, 2018, ss. 82-87, DOI:10.1016/j.optmat.2018.02.009	30	2,32
120	Szczepański Andrzej: Intersection forms of almost-flat 4-manifolds, w: Archiv Der Mathematik, vol. 110, nr 5, 2018, ss. 455-458, DOI:10.1007/s00013-017-1148-7	20	0,59
121	Szczodrowski Karol, Barzowska Justyna, Górecka Natalia, Grinberg Marek: The role of compensation defects in Eu ³⁺ stabilization under reductive atmosphere in Sr ₂ SiO ₄ matrix, w: Journal of Alloys and Compounds, vol. 748, 2018, ss. 44-50, DOI:10.1016/j.jallcom.2018.03.111	35	3,779
122	Teodorczyk J., Brockhuis B., Romanowicz G., Cytała W., Lass Piotr: The impact on TNM staging of incorrectly diagnosed thoracic lymph nodes metastatic involvement in NSCLC patients imaged by 18F-FDG-PET/CT, w: European Journal of Nuclear Medicine and Molecular Imaging, vol. 45, nr suppl. 1, 2018, S508-S508, DOI:10.1007/s00259-018-4148-3	—	7,704
123	Tryba Jacek: Characterization of uniformly distributed sets and maximal density sets, w: Journal of Number Theory, vol. 187, 2018, ss. 453-468, DOI:10.1016/j.jnt.2017.11.010	20	0,774
124	Tryba Jacek: Subseries of I-convergent series, w: Lithuanian Mathematical Journal, Springer Verlag, vol. 58, nr 1, 2018, ss. 104-112, DOI:10.1007/s10986-018-9381-8	15	0,487
125	Tryba Jacek: Weighted uniform density ideals, w: Mathematica Slovaca, vol. 68, nr 4, 2018, ss. 717-726, DOI:10.1515/ms-2017-0139	15	0,314

126	Ueda Jumpei, Back Michele, Brik Mikhail G., Zhuang Yixi, Grinberg Marek , Tanabe Setsuhisa: Ratiometric optical thermometry using deep red luminescence from 4T2 and 2E states of Cr ³⁺ in ZnGa ₂ O ₄ host, w: Optical Materials, vol. 85, 2018, ss. 510-516, DOI:10.1016/j.optmat.2018.09.013	30	2,32
127	Urbańczyk T., Krośnicki Marek , Kędzierski A. , Koperski J. : The E3Σ1+ (63S1) <- A3Π0+(53P1) transition in CdAr revisited: the spectrum and new analysis of the E3Σ1+ Rydberg state interatomic potential, w: Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Elsevier BV, vol. 196, 2018, ss. 58-66, DOI:10.1016/j.saa.2018.01.075	30	2,88
128	Walas Michałina, Piotrowski Patryk, Lewandowski Tomasz, Synak Anna , Łapiński Marcin, Sadowski Wojciech, Kościelska Barbara: Tailored white light emission in Eu ³⁺ /Dy ³⁺ doped tellurite glass phosphors containing Al ³⁺ ions, w: Optical Materials, Elsevier, vol. 79, 2018, ss. 289-295, DOI: 10.1016/j.optmat.2018.03.015	30	2,32
129	Wdowczyk Joanna, Makowiec Danuta , Gruchała Marcin, Wejer Dorota , Struzik Zbigniew: Dynamical landscape of heart rhythm in long-term heart transplant recipients: a way to discern erratic rhythms, w: Frontiers in Physiology, vol. 9, 2018, ss. 1-16, DOI:10.3389/fphys.2018.00274	35	3,394
130	Wieśniak Marcin: Spectra in nested Mach-Zehnder interferometer experiments, w: Physics Letters A, vol. 382, nr 36, 2018, ss. 2565-2568, DOI:10.1016/j.physleta.2018.06.032	30	1,863
131	Wrzosek Monika, Ziemiańska Maria: The method of lines for hyperbolic stochastic functional partial differential equations, w: Czechoslovak Mathematical Journal, vol. 68, nr 2, 2018, ss. 323-339, DOI:10.21136/CMJ.2018.0155-16	15	0,34
132	Zhao Z., Mondal S., Markiewicz M., Rutkowski Adam , Dakić B., Laskowski Wiesław , Paterek T.: Paradoxical consequences of multipath coherence: perfect interaction-free measurements, w: Physical Review A, American Physical Society, vol. 98, nr 2, 2018, ss. 1-13, DOI:10.1103/PhysRevA.98.022108	35	2,808
133	Ganzha Maria, Paprzycki Marcin, Pawlowski Wiesław , Szmeja Paweł, Wasilewska Katarzyna: Identifier management in semantic interoperability solutions for IoT , w: 2018 IEEE International Conference on Communications Workshops (ICC Workshops), Kansas City, MO, USA, 20-24 May 2018: proceedings, IEEE/CIC International Conference on Communications in China - Workshops, 2018, ISBN 978-1-5386-4328-0, ss. 1-6, DOI:10.1109/ICCW.2018.8403752	—	—
134	Ganzha Maria, Paprzycki Marcin, Pawlowski Wiesław , Szmeja Paweł, Wasilewska Katarzyna, Solarz-Niesłuchowski Bartłomiej, de Puga García Jara Suárez : Towards high throughput semantic translation, w: Interoperability, safety and security in IoT: Third International Conference, InterIoT 2017 and Fourth International Conference, SaSeIoT 2017 Valencia, Spain, November 6-7, 2017: proceedings / Fortino Giancarlo [i in.] (red.), Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, nr 242, 2018, ISBN 978-3-319-93796-0, ss. 67-74, DOI:10.1007/978-3-319-93797-7_9	—	—
135	Grzegorczyk Maciej , Pogorzelski Stanisław: Photoacoustic spectroscopy studies of biofilm-covered solid substrata submerged in the Sea , w: Proceedings of 2018 Joint Conference Acoustics: 11-14 September 2018, Ustka - Poland / Marszał Jacek, Kochańska Iwona (red.), 2018, Polish Acoustical Society - Gdańsk Division, ISBN 978-1-5386-7114-6, ss. 86-90, DOI:10.1109/ACOUSTICS.2018.8502280	—	—
136	Jędrzejowicz Joanna , Jędrzejowicz Piotr: Incremetal GEP-based ensemble classifier, w: Intelligent decision technologies 2017: proceedings of the 9th KES International Conference on Intelligent Decision Technologies (KES-IDT 2017), pt. 1 / Czarnowski Ireneusz, Howlett Robert J. , Jain Lakhmi C. (red.), Smart Innovation, Systems and Technologies , nr 72, 2018, ISBN 978-3-319-59420-0, ss. 61-70, DOI:10.1007/978-3-319-59421-7_6	15	—
137	Jędrzejowicz Joanna , Jędrzejowicz Piotr, Wierzbowska Izabela: Parallel GEP ensemble for classifying big datasets, w: Computational collective intelligence: 10th International Conference, ICCCI 2018, Bristol, UK, September 5-7, 2018, proceedings, pt. 2 / Nguyen Ngoc Thanh [i in.] (red.), Lecture Notes In Computer Science, nr 11056, 2018, ISBN 978-3-319-98445-2, ss. 234-242, DOI:10.1007/978-3-319-98446-9_22	15	—
138	Krzykowski Grzegorz, Spigarska Ewa, Poblocka Agnieszka: Probabilistic model of provision for employee retirement benefits, w: 10th International scientific conference "New challenges of economic and business development - 2018: productivity and economic growth" : May 10-12, 2018, Riga, Latvia: proceedings, 2018, University of Latvia, ISBN 978-9934-18-344-7, ss. 367-377	15	—
139	Mońska Michał, Serdiuk Illia, Romanowska Anna, Kozak Witold, Kubicki Aleksander: Investigations of photodestruction of ESIPT/AIE fluorophore in liquid and solid phases, w: 3rd International Caparica Conference on Chromogenic and Emissive Materials: Caparica - Portugal, 03rd - 06th September 2018: proceedings book / Laço Ana [i in.] (red.), 2018, Proteomass Scientific Society, ISBN 978-989-54009-6-6, ss. 184-184	—	—

140	Schwarzeweller Christoph: Representation matters: an unexpected property of polynomial rings and its consequences for formalizing abstract field theory, w: Proceedings of the 2018 Federated Conference on Computer Science and Information Systems: September 9-12, 2018. Poznań, Poland / Ganzha Maria, Maciaszek Leszek, Paprzycki Marcin (red.), Annals of Computer Science and Information Systems, nr 15, 2018, Polskie Towarzystwo Informatyczne, ISBN 978-83-949419-5-6, ss. 67-72, DOI:10.15439/2018F88	15	—
141	Sobolewski Łukasz , Windholz Laurentius, Kwela Jerzy : Laser induced fluorescence and optogalvanic spectroscopy applied to find the magnetic splitting of energy levels of La I , w: 26th International Conference on Atomic Physics: 22-27 July, Barcelona, Spain: books of abstracts, 2018, s. 1., ss. 154-154	—	—
142	Tkaczyk Rafał, Wasielewska Katarzyna, Ganzha Maria , Paprzycki Marcin, Pawlowski Wiesław , Szmeja Paweł, Fortino Giancarlo: Cataloging design patterns for Internet of things artifact integration, w: 2018 IEEE International Conference on Communications Workshops (ICC Workshops), Kansas City, MO, USA, 20-24 May 2018: proceedings, IEEE/CIC International Conference on Communications in China - Workshops, 2018, ISBN 978-1-5386-4328-0, ss. 1-6, DOI: 10.1109/iccw.2018.8403758	—	—
143	Madejski Grzegorz : Regular and linear permutation languages, w: Rairo-Theoretical Informatics and Applications, vol. 52, nr 2-4, 2018, ss. 219-234, DOI:10.1051/ita/2018016	—	0,35