

Ataskaitos data: 2019-01-02
Laikotarpio tipas: Pagal tikslią publikavimo datą (nepilna data konvertuojama į vėliausią)
Laikotarpis: 2018-01-01 - 2018-12-31
Institucija: Kauno technologijos universitetas (įmonės kodas: 111950581)
Padaliniai: Medžiagų mokslo institutas (70)

MOKSLO IR KITŲ DARBŲ SĄRAŠAS (FBT)

STRAIPSNIAI RECENZUOJAMUOSE PERIODINIUOSE MOKSLO LEIDINIUOSE

Indeksuotuose mokslo leidiniuose su citavimo rodikliu
(Web of Science duomenų bazės leidiniuose su citavimo rodikliu)
Tarptautinėse leidyklose

- [S1; GB] Antanavičiūtė, Ieva; **Šimatonis, Linas; Ulčinas, Orestas; Gadeikytė, Aušra; Abakevičienė, Brigita; Tamulevičius, Sigitas;** Mikalayeva, Valeryia; Skeberdis, Vytenis Arvydas; Stankevičius, Edgaras; **Tamulevičius, Tomas.** Femtosecond laser micro-machined polyimide films for cell scaffold applications // Journal of tissue engineering and regenerative medicine. Chichester : John Wiley & Sons. ISSN 1932-6254. eISSN 1932-7005. 2018, Vol. 12, iss. 2, art. e760, p. 760-773. DOI: 10.1002/term.2467. [Embase; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 4,089; AIF: 4,274; IF/AIF: 0,956; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 3,17, SNIP: 1,010, SJR: 0,880 (2017, Scopus JM)] [M.kr.: 01B, 07T, 08T] [Indėlis: 0,600]
- [S1; NL] Bayev, V.G.; Fedotova, J.A.; Kasiuk, J.V.; Vorobyova, S.A.; Sohor, A.A.; Komissarov, I.V.; Kovalchuk, N.G.; Prischepa, S.L.; Kargin, N.I.; **Andrulevičius, Mindaugas;** Przewoznik, J.; Kapusta, Ch.; Ivashkevich, O.A.; Tyutyunnikov, S.I.; Kolobylina, N.N.; Guryeva, P.V. CVD graphene sheets electrochemically decorated with “core-shell” Co/CoO nanoparticles // Applied Surface Science. Amsterdam : Elsevier. ISSN 0169-4332. eISSN 1873-5584. 2018, Vol. 440, p. 1252-1260. DOI: 10.1016/j.apsusc.2018.01.245. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,439; AIF: 4,321; IF/AIF: 1,027; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,22, SNIP: 1,328, SJR: 1,093 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,062]
- [S1; NL] Bukauskytė, Austėja; Karpič, Renata; Striela, Romualdas; Labanauskas, Linas; Gruodis, Alytis; **Peckus, Domantas;** Augulis, Ramūnas; Gulbinas, Vidmantas. The influence of substituents of perylenediimides on their spectroscopic properties // Journal of Luminescence. Amsterdam : Elsevier. ISSN 0022-2313. eISSN 1872-7883. 2018, Vol. 195, p. 252-258. DOI: 10.1016/j.jlumin.2017.11.023. [Scopus; INSPEC; Science Citation Index Expanded (Web of Science); Academic Search Premier] [IF: 2,732; AIF: 2,581; IF/AIF: 1,058; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,72, SNIP: 1,086, SJR: 0,694 (2017, Scopus JM)] [M.kr.: 02P] [Indėlis: 0,125]
- [S1; CH] Cekas, Elingas; Janusas, Giedrius; **Guobiene, Asta;** Palevicius, Arvydas; Vilkauskas, Andrius; Ponelyte Urbaite, Sigita. Design of controllable novel piezoelectric components for microfluidic applications // Sensors. Basel : MDPI AG. eISSN 1424-8220. 2018, vol. 18, iss. 11, art. no. 4049, p. 1-23. DOI: 10.3390/s18114049. [Academic Search Complete; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 2,475; AIF: 3,434; IF/AIF: 0,720; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 3,23, SNIP: 1,550, SJR: 0,584 (2017, Scopus JM)] [M.kr.: 09T] [Indėlis: 0,166]
- [S1; GB] Guzauskas, Matas; Volyniuk, Dmytro; Tomkeviciene, Ausra; Pidluzhna, Anna; **Lazauskas, Algirdas;** Gražulevičius, Juozas Vidas. Dual nature of exciplexes: exciplex-forming properties of carbazole and fluorene hybrid trimers // Journal of Materials Chemistry C. London : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2018, vol. 00, iss. 00, p. 1-8. DOI: 10.1039/c8tc04708a. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 5,976; AIF: 4,263; IF/AIF: 1,401; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,67, SNIP: 1,300, SJR: 1,917 (2017, Scopus JM)] [M.kr.: 08T, 05T] [Indėlis: 0,166]
- [S1; GB] Hladka, Iryna; Volyniuk, Dmytro; Bezikonny, Oleksandr; Kinzhybalo, Vasyli; Bednarchuk, Tamara J.; Danyliv, Yan; Lytvyn, Roman; **Lazauskas, Algirdas;** Gražulevičius, Juozas Vidas. Polymorphism of derivatives of tert-butyl substituted acridan and perfluorobiphenyl as sky-blue OLED emitters exhibiting aggregation induced thermally activated delayed fluorescence // Journal of materials chemistry C. London : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2018, vol. 6, iss. 48, p. 13179-13189. DOI: 10.1039/c8tc04867c. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 5,976; AIF: 4,263; IF/AIF: 1,401; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,67, SNIP: 1,300, SJR: 1,917 (2017, Scopus JM)] [M.kr.: 08T, 05T] [Indėlis: 0,111]
- [S1; DE] **Jucius, Dalius; Lazauskas, Algirdas; Grigaliūnas, Viktoras;** Abakevičienė, Brigita; Smetona, Saulius; **Tamulevičius, Sigitas.** UV-NIL replication of microlens arrays on flexible fluoropolymer substrates //

Microsystem Technologies. Berlin : Springer. ISSN 0946-7076. eISSN 1432-1858. 2018, Vol. 24, iss. 2, p. 1115-1125. DOI: 10.1007/s00542-017-3468-8. [Scopus; SpringerLink; Science Citation Index Expanded (Web of Science)] [IF: 1,581; AIF: 4,361; IF/AIF: 0,362; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 1,34, SNIP: 0,803, SJR: 0,346 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,668]

8. [S1; GB] **Juodėnas, Mindaugas; Tamulevičius, Tomas; Ulėinas, Orestas; Tamulevičius, Sigitas.** Implementation of an optimized microfluidic mixer in alumina employing femtosecond laser ablation // Journal of Micromechanics and Microengineering. Bristol : IOP Publishing. ISSN 0960-1317. eISSN 1361-6439. 2018, Vol. 28, iss. 1, art. 015013, p. 1-10. DOI: 10.1088/1361-6439/aa84fc. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,888; AIF: 3,834; IF/AIF: 0,492; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,02, SNIP: 0,968, SJR: 0,554 (2017, Scopus JM)] [M.kr.: 02P, 08T] [Indėlis: 0,750]
9. [S1; GB] **Lazauskas, Algirdas;** Marcinauskas, Liutauras; **Andrulevičius, Mindaugas.** Photothermal reduction of thick graphene oxide multilayer films via direct laser writing: morphology, structural and chemical properties // Superlattices and microstructures. London : Elsevier. ISSN 0749-6036. eISSN 1096-3677. 2018, vol. 122, p. 36-45. DOI: 10.1016/j.spmi.2018.08.024. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 2,099; AIF: 4,723; IF/AIF: 0,444; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 2,13, SNIP: 0,925, SJR: 0,574 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,500]
10. [S1; US] **Meškėnis, Šarūnas; Gudaitis, Rimantas; Šlapikas, Kęstutis; Vasiliauskas, Andrius; Čiegis, Arvydas; Tamulevičius, Tomas; Andrulevičius, Mindaugas; Tamulevičius, Sigitas.** Giant negative piezoresistive effect in diamond-like carbon and diamond-like carbon-based nickel nanocomposite films deposited by reactive magnetron sputtering of Ni target // ACS Applied materials and interfaces. NW, Washington, DC : American Chemical Society. ISSN 1944-8244. 2018, vol. 10, iss. 18, p. 15778-15785. DOI: 10.1021/acsami.7b17439. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 8,097; AIF: 5,418; IF/AIF: 1,494; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 8,15, SNIP: 1,543, SJR: 2,784 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,938]
11. [S1; US] Pander, Piotr; Swis, Agnieszka; Turczyn, Roman; Pouget, Stephanie; Djurado, David; **Lazauskas, Algirdas;** Pashazadeh, Ramin; Gražulevičius, Juozas V.; Motyka, Radoslaw; Klimash, Anastasia; Skabara, Peter J.; Data, Przemyslaw; Soloduch, Jadwiga; Dias, Fernando B. Observation of dual room temperature fluorescence–phosphorescence in air, in the crystal form of a thianthrene derivative // Journal of physical chemistry C. Washington, NW : ACS Publications. ISSN 1932-7447. eISSN 1932-7455. 2018, vol. 122, iss. 43, p. 24958-24966. DOI: 10.1021/acs.jpcc.8b08329. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,484; AIF: 5,412; IF/AIF: 0,828; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,58, SNIP: 1,147, SJR: 2,135 (2017, Scopus JM)] [M.kr.: 08T, 05T] [Indėlis: 0,071]
12. [S1; US] Pashazadeh, Ramin; Pander, Piotr; **Lazauskas, Algirdas;** Dias, Fernando B.; Gražulevičius, Juozas V. Multicolor luminescence switching and controllable thermally activated delayed fluorescence turn on/turn off in carbazole–quinoxaline–carbazole triads // Journal of physical chemistry letters. NW, Washington, DC : American Chemical Society. ISSN 1948-7185. 2018, vol. 9, iss. 5, p. 1172-1177. DOI: 10.1021/acs.jpcclett.8b00136. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [IF: 8,709; AIF: 4,852; IF/AIF: 1,794; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 8,37, SNIP: 1,595, SJR: 4,667 (2017, Scopus JM)] [M.kr.: 02P, 08T] [Indėlis: 0,200]
13. [S1; US] **Peckus, Domantas;** Matulaitis, Tomas; Franckevičius, Marius; Mimaite, Viktorija; **Tamulevičius, Tomas;** Simokaitienė, Jūratė; Volyniuk, Dmytro; Gulbinas, Vidmantas; **Tamulevičius, Sigitas;** Gražulevičius, Juozas Vidas. Twisted intramolecular charge transfer states in trinary star-shaped triphenylamine-based compounds // Journal of physical chemistry A. Washington : American Chemical Society. ISSN 1089-5639. eISSN 1520-5215. 2018, vol. 122, iss. 12, p. 3218-3226. DOI: 10.1021/acs.jpca.8b00981. [PubMed; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 2,836; AIF: 4,286; IF/AIF: 0,661; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,75, SNIP: 0,964, SJR: 1,170 (2017, Scopus JM)] [M.kr.: 05T, 08T] [Indėlis: 0,300]
14. [S1; NL] Ratautas, Karolis; **Andrulevičius, Mindaugas;** Jagminienė, Aldona; Stankevičienė, Ina; Norkus, Eugenijus; Račiukaitis, Gediminas. Laser-assisted selective copper deposition on commercial PA6 by catalytic electroless plating – process and activation mechanism // Applied surface science. Amsterdam : Elsevier B.V. ISSN 0169-4332. eISSN 1873-5584. 2018, vol. 470, p. 405-410. DOI: 10.1016/j.apsusc.2018.11.091. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,439; AIF: 4,321; IF/AIF: 1,027; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,22, SNIP: 1,328, SJR: 1,093 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,166]
15. [S1; NL] Skuodis, Eigirdas; Bezikonnyi, Oleksandr; Tomkevičienė, Ausra; Volyniuk, Dmytro; Mimaite, Viktorija; **Lazauskas, Algirdas;** Bucinskas, Audrius; Keruckienė, Rasa; Sini, Gjergji; Gražulevičius, Juozas Vidas. Aggregation, thermal annealing, and hosting effects on performances of an acridan-based TADF emitter // Organic electronics. Amsterdam : Elsevier. ISSN 1566-1199. 2018, vol. 63, p. 29-40. DOI: 10.1016/j.orgel.2018.09.002. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 3,680; AIF: 4,263; IF/AIF: 0,863; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 3,44, SNIP: 0,884, SJR: 1,085 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,100]
16. [S1; US] Streckaitė, Simona; Franckevičius, Marius; **Peckus, Domantas;** Redeckas, Kipras; Vengris, Mikas;

- Gulbinas, Vidmantas. Enhanced nonlinear optical response of resonantly coupled silver nanoparticle–organic dye complexes // *Plasmonics*. New York, NY : Springer. ISSN 1557-1955. 2018, vol. 13, iss. 3, p. 749-755. DOI: 10.1007/s11468-017-0568-3. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 2,366; AIF: 5,412; IF/AIF: 0,437; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,13, SNIP: 0,791, SJR: 0,679 (2017, Scopus JM)] [M.kr.: 08T, 02P] [Indėlis: 0,166]
17. [S1; GB] **Tamulevičius, Sigitas; Meškinis, Šarūnas; Tamulevičius, Tomas;** Rubahn, Horst-Günter. Diamond like carbon nanocomposites with embedded metallic nanoparticles // *Reports on Progress in Physics*. Bristol : IOP Publishing. ISSN 0034-4885. eISSN 1361-6633. 2018, Vol. 81, iss. 2, art. 024501, p. 1-31. DOI: 10.1088/1361-6633/aa966f. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 14,257; AIF: 2,952; IF/AIF: 4,829; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 14,13, SNIP: 5,438, SJR: 5,640 (2017, Scopus JM)] [M.kr.: 02P] [Indėlis: 0,459]
 18. [S1; GB] **Tamulevičius, Tomas; Juodėnas, Mindaugas; Klinavičius, Tomas;** Paulauskas, Andrius; Jankauskas, Kęstutis; Ostreika, Armantas; Žutautas, Andrius; **Tamulevičius, Sigitas.** Dot-matrix hologram rendering algorithm and its validation through direct laser interference patterning // *Scientific reports*. London : Springer Nature. eISSN 2045-2322. 2018, vol. 8, art. no. 14245, p. 1-11. DOI: 10.1038/s41598-018-32294-5. [PubMed; Scopus; Science Citation Index Expanded (Web of Science)] [IF: 4,122; AIF: 5,110; IF/AIF: 0,806; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 4,36, SNIP: 1,245, SJR: 1,533 (2017, Scopus JM)] [M.kr.: 07T, 02P, 08T] [Indėlis: 0,376]
 19. [S1; GB] **Thakur, Sourbh;** Sharma, Bhawna; Verma, Ankit; Chaudhary, Jyoti; **Tamulevičius, Sigitas;** Thakur, Vijay Kumar. Recent approaches in guar gum hydrogel synthesis for water purification // *International journal of polymer analysis and characterization*. Oxonn : Taylor & Francis. ISSN 1023-666X. eISSN 1563-5341. 2018, vol. 23, iss. 7, p. 621-632. DOI: 10.1080/1023666X.2018.1488661. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 1,333; AIF: 3,195; IF/AIF: 0,417; kvartilis: Q3 (2017, InCites JCR SCIE)] [CiteScore: 1,57, SNIP: 0,830, SJR: 0,444 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,251]
 20. [S1; GB] **Thakur, Sourbh;** Sharma, Bhawna; Verma, Ankit; Chaudhary, Jyoti; **Tamulevičius, Sigitas;** Thakur, Vijay Kumar. Recent progress in sodium alginate based sustainable hydrogels for environmental applications // *Journal of cleaner production*. London : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2018, vol. 198, p. 143-159. DOI: 10.1016/j.jclepro.2018.06.259. [Scopus; Science Citation Index Expanded (Web of Science)] [IF: 5,651; AIF: 4,489; IF/AIF: 1,258; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,79, SNIP: 2,194, SJR: 1,467 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,251]
 21. [S1; GB] Treinytė, Jolanta; Bridžiuvienė, Danguolė; **Fataraitė-Urbonienė, Eglė;** Rainosalas, Egidija; **Rajan, Rathish;** Česonienė, Laima; Gražulevičienė, Violeta. Forestry wastes filled polymer composites for agricultural use // *Journal of cleaner production*. Oxford : Elsevier. ISSN 0959-6526. 2018, vol. 205, p. 388-406. DOI: 10.1016/j.jclepro.2018.09.012. [Scopus; Compendex; INSPEC; CAB Abstracts; Science Citation Index Expanded (Web of Science); Academic Search Premier] [IF: 5,651; AIF: 4,489; IF/AIF: 1,258; kvartilis: Q1 (2017, InCites JCR SCIE)] [CiteScore: 5,79, SNIP: 2,194, SJR: 1,467 (2017, Scopus JM)] [M.kr.: 04T] [Indėlis: 0,213]
 22. [S1; CH] Zakarienė, Gintarė; Novoslavskij, Aleksandr; **Meškinis, Šarūnas; Vasiliauskas, Andrius; Tamulevičius, Sigitas;** Alter, Thomas; Malakauskas, Mindaugas. Diamond like carbon Ag nanocomposites as a control measure against *Campylobacter jejuni* and *Listeria monocytogenes* on food preparation surfaces // *Diamond and Related Materials*. Lausanne : Elsevier. ISSN 0925-9635. eISSN 1879-0062. 2018, Vol. 81, p. 118-126. DOI: 10.1016/j.diamond.2017.12.007. [Materials Science Citation Index; Scopus; Chemical abstracts; Science Citation Index Expanded (Web of Science)] [IF: 2,232; AIF: 4,641; IF/AIF: 0,480; kvartilis: Q2 (2017, InCites JCR SCIE)] [CiteScore: 2,43, SNIP: 1,233, SJR: 0,686 (2017, Scopus JM)] [M.kr.: 02A, 02P] [Indėlis: 0,374]

Indeksuotuose mokslo leidiniuose be citavimo rodiklio
(Web of Science duomenų bazės leidiniuose be citavimo rodiklio)
Tarptautinėse leidyklose

1. [S2; NL] **Thakur, Sourbh;** Chaudhary, Jyoti; Sharma, Bhawna; Verma, Ankit; **Tamulevičius, Sigitas;** Thakur, Vijay Kumar. Sustainability of bioplastics: opportunities and challenges : review article // *Current opinion in green and sustainable chemistry*. Amsterdam : Elsevier. ISSN 2452-2236. 2018, vol. 13, spec. iss. SI, p. 68-75. DOI: 10.1016/j.cogsc.2018.04.013. [Emerging Sources Citation Index (Web of Science); Scopus] [CiteScore: 1,33, SNIP: 0,227, SJR: 0,279 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,251]
2. [S2; NL] **Thakur, Sourbh;** Verma, Ankit; Sharma, Bhawna; Chaudhary, Jyoti; **Tamulevičius, Sigitas;** Thakur, Vijay Kumar. Recent developments in recycling of polystyrene based plastics : review article // *Current opinion in green and sustainable chemistry*. Amsterdam : Elsevier. ISSN 2452-2236. 2018, vol. 13, spec. iss. SI, p. 32-38. DOI: 10.1016/j.cogsc.2018.03.011. [Emerging Sources Citation Index (Web of Science); Scopus] [CiteScore: 1,33, SNIP: 0,227, SJR: 0,279 (2017, Scopus JM)] [M.kr.: 08T] [Indėlis: 0,251]

Konferencijų pranešimų medžiagoje Nacionalinėse leidyklose

- [P1f; LT] Buškuvienė, Nijolė; Griškonis, Egidijus; **Narmontas, Pranas**; Jankauskaitė, Virginija. Sidabru dengto grafito pluošto įtaka slėgiui jautrių klijų elektriniams laidžiumi = Influence of silver coated graphite fiber content on pressure sensitive adhesive electrical conductive properties // Pramonės inžinerija - 2018 [elektroninis išteklius] : jaunųjų mokslininkų konferencija, 2018 m. gegužės 10 d. : pranešimų medžiaga / Kauno technologijos universitetas. Mechanikos inžinerijos ir dizaino fakultetas. Kaunas : Kauno technologijos universitetas. eISSN 2538-6727. 2018, p. 30-36. DOI: 10.5755/e01.2538-6727.2018. [M.kr.: 08T] [Indėlis: 0,250]
- [P1e; LT] Plaipaitė-Nalivaiko, Rita; Adlienė, Diana; **Prosyčėvas, Igoris**; Luhn, Valery; Gadišauskas, Tomas. Composites Containing Ag Nanoparticles for X-ray Protection // Challenges to national defence in contemporary geopolitical situation CNDCGS 2018 : proceedings of the 1th international scientific conference, April 25-27, 2018, Pabradė, Lithuania / Edited by S. Bekesiene and S. Hoškova-Mayerová. Vilnius : General Jonas Žemaitis Military Academy of Lithuania, 2018. ISBN 9786098074772. eISSN 2538-8959. p. 52-59. [M.kr.: 03T] [Indėlis: 0,100]

PATENTAI IR PATENTINĖS PARAIŠKOS

Nacionalinėje patentų tarnyboje įregistruoti patentai ir patentinės paraiškos

- [N5; LT] **Juknius, Tadas (išrad.)**. Išmanusis pleistras = Sensible plaster / išradėjas: Tadas Juknius ; savininkas: Kauno technologijos universitetas. LT 6502 B. 2018-03-12. 20 p. [Lietuvos Respublikos patentų duomenų bazė] [M.kr.: 08T] [Indėlis: 1,000]

MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE

(Tezės ir nerencauzuoti konferencijų straipsniai)

Kitos tezės ir straipsniai

- [T1e; LT] Andrulis, Valentinas; Bučinskas, Audrius; Dabulienė, Asta; **Tamulevičienė, Asta**. Investigation of small organic molecules by Raman scattering spectroscopy and computational methods // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P48, p. 79. [M.kr.: 08T] [Indėlis: 0,125]
- [T1e; LT] Andrulis, Valentinas; **Rajackaitė, Erika**; Matulaitis, Tomas; Dabulienė, Asta; Bučinskas, Audrius; Gudeika, Dalius; **Tamulevičienė, Asta**. Investigation of bipolar small organic molecules as active material in electrochromic devices // Open readings 2018: 61st international conference for students of physics and natural sciences, March 20-23, 2018, Vilnius, Lithuania : programme and abstracts. [S.l.] : [s.n.]. 2018, p. 189. [M.kr.: 02P, 03P] [Indėlis: 0,213]
- [T1e; LT] Antanaitytė, Gintarė; Puodžiukynas, Linas; **Andrulevičius, Mindaugas**. Formation of different period structures by laser interference lithography // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P50, p. 81. [M.kr.: 08T] [Indėlis: 0,166]
- [T2; LT] **Gudaitis, Rimantas; Vasiliauskas, Andrius; Tamulevičius, Sigitas; Meškėnis, Šarūnas**. Structure and properties of the graphene directly synthesized on Si and SiO₂ // Apropos 16: Advanced properties and processes in optoelectronics materials and systems, October 10-12, 2018, Vilnius, Lithuania: book of abstracts. Vilnius : Center for physical sciences and technology, 2018, O5. ISBN 9786099551159. p. 21. [M.kr.: 08T] [Indėlis: 1,000]
- [T1e; LT] **Juodėnas, Mindaugas**; Chauvin, Adrien; **Peckus, Domantas; Tamulevičius, Tomas**; El Mel, Abdel-Aziz; Tessier, Pierre-Yves; **Tamulevičius, Sigitas**. Polarization dependant ultrafast plasmon relaxation dynamics in gold nanowires // Open readings 2018: 61st international conference for students of physics and natural sciences, March 20-23, 2018, Vilnius, Lithuania : programme and abstracts. [S.l.] : [s.n.]. 2018, p. 239. [M.kr.: 08T, 02P] [Indėlis: 0,432]
- [T1e; LT] **Juodėnas, Mindaugas; Tamulevičius, Tomas**; Poplauskas, Raimondas; Henzie, Joel; Erts, Donats; **Tamulevičius, Sigitas**. Investigation of Ag nanoparticle assemblies in porous anodized alumina // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P18, p. 48. [M.kr.: 03P]

[Indėlis: 0,336]

7. [T1e; LV] **Juodėnas, Mindaugas; Tamulevičius, Tomas; Prikulis, Juris; Erts, Donats; Chauvin, Adrien; El Mel, Abdel-Aziz; Tamulevičius, Sigitas.** Dark field optical spectroscopy of deposited Ag nanocube arrays and their Raman enhancement // *Developments in optics and communications 2018: 14th international young scientist conference, Riga, Latvia, April 12 – 13, 2018* : book of abstracts. [S.l.] : [s.n.], 2018. ISBN 9789934556340. eISBN 9789934556357. p. 25. [M.kr.: 08T] [Indėlis: 0,290]
8. [T1e; LT] **Juodėnas, Mindaugas; Tamulevičius, Tomas; Prikulis, Juris; Poplauskas, Raimonds; El Mel, Abdel-Aziz; Tessier, Pierre-Yves; Erts, Donats; Tamulevičius, Sigitas.** Directional scattering of assembled Ag nanocubes observable in the far-field // *NIBS Conference 2018 : international conference "Nanotechnology and innovation in the Baltic Sea region"* : book of abstracts. Kaunas : Kaunas University of Technology, 2018. ISBN 9786090213452. p. 27. [M.kr.: 08T] [Indėlis: 0,251]
9. [T2; LT] **Jurkevičiūtė, A.; Juodėnas, M.; Adashkevich, V.; Vasiliauskas, A.; Tamulevičius, T.; Fiutowski, J.; Tamulevičius, S.; Rubahn, H.G.** Vienmačių periodinių struktūrų nanokompozituose formavimas lazerine interferencine abliacija bei jų vaizdinimas skenuojančiu elektronų ir helio jonų mikroskopais // *Matematika ir gamtos mokslai: teorija ir taikymai : XVI studentų konferencijos pranešimų medžiaga = Mathematics and natural sciences: theory and applications.* Kaunas : Kauno technologijos universitetas, 2018. ISBN 9786090214534. p. 28-29. [M.kr.: 08T, 02P] [Indėlis: 0,437]
10. [T1e; PL] **Jurkevičiūtė, Ausrinė; Juodėnas, Mindaugas; Adashkevich, Vadzim; Tamulevičius, Tomas; Fiutowski, Jacek; Rubahn, Horst-Gunter; Tamulevičius, Sigitas.** Direct laser interference patterning of diamond-like carbon silver nanocomposite thin films // *E-MRS Fall Meeting 2018, 17-20 September, Warsaw University of Technology, Warsaw, Poland.* Warsaw : Warsaw University of Technology. 2018, K.P.6, p. 1. [M.kr.: 02P, 08T] [Indėlis: 0,432]
11. [T1e; LT] **Jurkevičiūtė, Aušrinė; Juodėnas, Mindaugas; Adashkevich, Vadzim; Tamulevičius, Tomas; Fiutowski, Jacek; Rubahn, Horst-Günter; Tamulevičius, Sigitas.** The effect of silver nanoparticles on the direct laser interference patterning of DLC:Ag nanocomposites // *NIBS Conference 2018 : international conference "Nanotechnology and innovation in the Baltic Sea region"* : book of abstracts. Kaunas : Kaunas University of Technology, 2018. ISBN 9786090213452. p. 28. [M.kr.: 08T] [Indėlis: 0,432]
12. [T1e; LT] **Jurkevičiūtė, Aušrinė; Juodėnas, Mindaugas; Adashkevich, Wadzim; Vasiliauskas, Andrius; Tamulevičius, Tomas; Fiutowski, Jacek; Tamulevičius, Sigitas; Rubahn, Horst-Günter.** Helium ion microscopy of 1D structures ablated employing femtosecond laser interference field // *Open readings 2018: 61st international conference for students of physics and natural sciences, March 20-23, 2018, Vilnius, Lithuania* : programme and abstracts. [S.l.] : [s.n.], 2018, p. 233. [M.kr.: 03P] [Indėlis: 0,499]
13. [T1e; LT] **Khinevich, Nadia; Zavatski, Sergey; Bandarenka, Hanna; Tamulevičienė, Asta; Tamulevičius, Sigitas; Mukha, Iuliia.** SERS and fluorescence-based ultrasensitive detection of organic dye using combination of gold colloid and silvered porous silicon // *Open readings 2018: 61st international conference for students of physics and natural sciences, March 20-23, 2018, Vilnius, Lithuania* : programme and abstracts. [S.l.] : [s.n.], 2018, p. 240. [M.kr.: 08T] [Indėlis: 0,498]
14. [T1e; LT] **Klimaitė, Gerda; Jurkevičiūtė, Aušrinė; Fiutowski, Jacek; Rubahn, Horst-Günter; Tamulevičius, Tomas.** Analysis of the silver nanoparticle size distribution in nanocomposite thin films upon femtosecond laser irradiation // *Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania.* Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P14, p. 44. [M.kr.: 02P] [Indėlis: 0,300]
15. [T2; LT] **Klinavičius, Tomas; Paulauskas, Andrius; Tamulevičius, Tomas; Juodėnas, Mindaugas.** HoloApp: holograminės apsaugos priemonės – nuo idėjos bei vaizdinimo realiu laiku iki realizacijos femtosekundiniu lazeriu // *Fizinių ir technologijos mokslų tarpdalykiniai tyrimai [elektroninis išteklius] : 8-oji jaunųjų mokslininkų konferencija, 2018 m. vasario 8 d. : pranešimų santrauka / Lietuvos mokslų akademija.* [S.l.] : [s.n.], 2018, p. 29-30. [M.kr.: 02P, 07T, 08T] [Indėlis: 0,625]
16. [T1e; LT] **Lazauskas, Algirdas; Marcinauskas, Liutauras.** Photothermal reduction of thick graphene oxide multilayer films via direct laser writing // *Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania.* Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P107, p. 141. [M.kr.: 08T] [Indėlis: 0,250]
17. [T2; LT] **Lombardini, A.J.H.; Tamulevičius, T. (vadov.).** Formation of microstructures in positive tone photoresist by employing direct laser writing // *Matematika ir gamtos mokslai: teorija ir taikymai : XVI studentų konferencijos pranešimų medžiaga = Mathematics and natural sciences: theory and applications.* Kaunas : Kauno technologijos universitetas, 2018. ISBN 9786090214534. p. 65-66. [M.kr.: 08T] [Indėlis: 0,250]
18. [T2; LT] **Lukauskas, Mantas; Abakevičienė, Brigita.** Fluoropolimerų mechaninių savybių tyrimas mikrotempimo įrenginiu // *Fizinių ir technologijos mokslų tarpdalykiniai tyrimai [elektroninis išteklius] : 8-oji jaunųjų mokslininkų konferencija, 2018 m. vasario 8 d. : pranešimų santrauka / Lietuvos mokslų akademija.* [S.l.] : [s.n.], 2018, p. 19. [M.kr.: 02P, 08T] [Indėlis: 0,500]
19. [T2; TW] **Malinovskis, U.; Prikulis, J.; Juodėnas, M.; Tamulevičius, T.; Tamulevičius, S.; Erts, D.** Plasmonic

- gold nanoparticle array preparation on nanoporous aluminum oxide surface for LSPR based sensor applications // EMN meeting on photonics 2018: Energy materials nanotechnology, October 21-25, 2018, Kaohsiung, Taiwan. [S.l.] : [s.n.]. 2018, A28, p. 34-35. [M.kr.: 02P, 08T] [Indėlis: 0,498]
20. [T1e; LT] **Meškiniš, Šarūnas; Abakevičienė, Brigita; Tamulevičienė, Asta; Jurkevičiūtė, Aušrinė; Vasiliauskas, Andrius; Rajackaitė, Erika; Tamulevičius, Sigitas;** Zanin, Danilo Andrea; Taborelli, Mauro. Low secondary electron yield carbon films for the CERN super proton synchrotron (SPS) // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P109, p. 143. [M.kr.: 08T] [Indėlis: 0,668]
 21. [T1e; LT] Mikalkevičius, Mantas; **Tamulevičienė, Asta.** Study of SERS enhancement factors for different geometry silver nanoparticles // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P19, p. 49. [M.kr.: 02P] [Indėlis: 0,250]
 22. [T1e; LT] Onufrijevs, P.; Medvids, A.; Ščajev, P.; **Andrulevičius, M.;** Selskis, A.; Grase, L. Correlation between optical, morphological and compositional properties of GeSn epitaxial layers irradiated by Nd:YAG laser radiation // 17th International conference on global research and education (Inter-Academia 2018), September 24-27, 2018 Kaunas, Lithuania: programme and abstracts. Kaunas : Kaunas University of Technology. 2018, p. 28. [M.kr.: 08T] [Indėlis: 0,166]
 23. [T1e; LT] **Peckus, Domantas;** Chauvin, Adrien; **Juodėnas, Mindaugas; Tamulevičius, Tomas;** El Mel, Abdel-Aziz; Tessier, Pierre-Yves; **Tamulevičius, Sigitas.** Ultrafast plasmon relaxation dynamics in gold nanowires and its dependence on the porosity of nanowires and polarization of pump and probe beams // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P64, p. 95. [M.kr.: 08T] [Indėlis: 0,574]
 24. [T1e; LT] **Peckus, Domantas; Vasiliauskas, Andrius;** Tamulevičius, Tomas; **Andrulevičius, Mindaugas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Analysis of ultrafast optical properties and morphology of diamond-like carbon nanocomposites with aluminum nanoparticles // 11th International conference on photo-excited processes and applications – ICPEPA 11, September 10-14, 2018, Vilnius, Lithuania: programme book of abstracts. Vilnius : [s.n.], 2018, P25. ISBN 9786099551159. p. 136. [M.kr.: 08T] [Indėlis: 0,834]
 25. [T1e; LT] **Peckus, Domantas; Vasiliauskas, Andrius; Tamulevičius, Tomas; Andrulevičius, Mindaugas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Deposition and analysis of ultrafast optical properties of diamond-like carbon nanocomposites with aluminum nanoparticles // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P63, p. 94. [M.kr.: 08T] [Indėlis: 1,000]
 26. [T1d; LT] Plaipaitė-Nalivaiko, Rita; Adlienė, Diana; **Prosyčėvas, Igoris;** Luhn, Valery; Gadiškauskas, Tomas. Composites Containing Ag Nanoparticles for X-ray Protection // Challenges to national defence in contemporary geopolitical situation : abstracts of the 1th international scientific conference, April 25-27, 2018, Pabradė, Lithuania / Edited by S. Bekesiene and S. Hošková-Mayerová. Pabradė : General Jonas Žemaitis Military Academy of Lithuania, 2018. ISBN 9786098074772. p. 105-107. [M.kr.: 02P] [Indėlis: 0,200]
 27. [T2; TW] Prikulis, J.; Poplauskas, R.; Jevdkimovs, D.; Malinovskis, U.; **Tamulevičienė, A.; Tamulevičius, S.;** Erts, D. Optically active nanostructure arrays prepared on variable thickness porous anodic alumina // EMN meeting on photonics 2018: Energy materials nanotechnology, October 21 - 25, 2018, Kaohsiung, Taiwan. [S.l.] : [s.n.]. 2018, A09, p. 11-12. [M.kr.: 02P, 08T] [Indėlis: 0,284]
 28. [T1e; LT] Prikulis, Juris; Poplauskas, Raimonds; Jevdokimovs, Daniels; Malinovskis, Uldis; **Juodėnas, Mindaugas; Tamulevičius, Tomas;** Erts, Donats. Nanostructured metal-insulator-metal optical coatings and their applications // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, p. 12. [M.kr.: 08T] [Indėlis: 0,284]
 29. [T1e; LT] **Rajackaitė, Erika; Peckus, Domantas; Gudaitis, Rimas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Synthesis and analysis of ultrafast excited state dynamics of graphene mono and polylayers // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P108, p. 142. [M.kr.: 08T] [Indėlis: 0,900]
 30. [T2; LT] **Rajackaitė, Erika; Peckus, Domantas; Tamulevičienė, Asta; Tamulevičius, Tomas; Gudaitis, Rimantas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Preparation method influence on morphology and ultrafast optical properties of graphene layers // Apropos 16: Advanced properties and processes in optoelectronics materials and systems, October 10-12, 2018, Vilnius, Lithuania: book of abstracts. Vilnius : Center for physical sciences and technology, 2018, P23. ISBN 9786099551159. p. 76. [M.kr.: 08T] [Indėlis: 0,787]
 31. [T1e; LT] **Rajackaitė, Erika; Peckus, Domantas; Tamulevičienė, Asta; Tamulevičius, Tomas; Gudaitis, Rimantas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Ultrafast excited state relaxation dynamics of mono and

- multilayer graphene // Open readings 2018: 61st international conference for students of physics and natural sciences, March 20-23, 2018, Vilnius, Lithuania : programme and abstracts. [S.l.] : [s.n.]. 2018, p. 171. [M.kr.: 03P] [Indėlis: 0,787]
32. [T1e; LT] **Rajackaitė, Erika; Peckus, Domantas; Tamulevičienė, Asta; Tamulevičius, Tomas; Gudaitis, Rimas; Meškiniš, Šarūnas; Tamulevičius, Sigitas.** Dynamic optical properties of graphene layers with different preparation and morphology // 11th International conference on photo-excited processes and applications – ICPEPA 11, September 10-14, 2018, Vilnius, Lithuania: programme book of abstracts. Vilnius : [s.n.], 2018, P24. ISBN 9786099551159. p. 135. [M.kr.: 08T] [Indėlis: 0,787]
 33. [T1e; LT] Ramalis, Lukas; Grinevičiūtė, Lina; Buzelis, Rytis; **Andrulevičius, Mindaugas;** Tolenis, Tomas. Investigation of porous anisotropic thin films for all-silica zero angle polarizers // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P37, p. 67. [M.kr.: 08T] [Indėlis: 0,200]
 34. [T1e; LT] Stirbytė, Živilė; Puodžiukynas, Linas; **Andrulevičius, Mindaugas.** Preparation and analysis of dichromated gelatin films // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P2, p. 31. [M.kr.: 02P] [Indėlis: 0,166]
 35. [T2; TW] **Tamulevičienė, Asta;** Mikalkevičius, Mantas; **Juodėnas, Mindaugas; Tamulevičius, Tomas;** Erts, Donats; Joel, Henzie; **Tamulevičius, Sigitas.** Investigation of different nature silver nanostructures for enhancement of Raman scattering signal // EMN meeting on photonics 2018: Energy materials nanotechnology, October 21-25, 2018, Kaohsiung, Taiwan. [S.l.] : [s.n.]. 2018, A25, p. 30-31. [M.kr.: 02P, 08T] [Indėlis: 0,358]
 36. [T2; CN] **Tamulevičius, Sigitas.** 2-D nanostructures for sensors applications // 7th Global conference on materials science and engineering (CMSE 2018), November 1-4, 2018, Xi'an, China. [S.l.] : [s.n.]. 2018, p. 3. [M.kr.: 02P, 08T] [Indėlis: 1,000]
 37. [T2; MD] **Tamulevičius, Sigitas.** Ordered systems of nanoparticles: nanocomposites, capillary assisted assembly of nanoparticles for optical and catalytic applications // NATO advanced research workshop - SPS.EAP.ARW.G5347: Functional Nanostructures and Sensors for CBRN Defence and Environmental Safety and Security "FNS-CBRN Defence – 2018", 14-17 May-2018, Chisinau, Moldova. [S.l.] : [s.n.]. 2018, p. 1. [M.kr.: 08T] [Indėlis: 1,000]
 38. [T2; TW] **Tamulevičius, Tomas; Juodėnas, Mindaugas;** Poplauskas, Raimonds; Jevdokimovs, Daniels; Prikulis, Juris; Henzie, Joel; **Tamulevičius, Sigitas.** Investigation of Ag nanoparticle assemblies in top down and bottom up prepared templates // EMN meeting on photonics 2018: Energy materials nanotechnology, October 21-25, 2018, Kaohsiung, Taiwan. [S.l.] : [s.n.]. 2018, A08, p. 9-10. [M.kr.: 02P, 08T] [Indėlis: 0,287]
 39. [T1e; LT] Žutautas, Andrius; Stankevičius, Lukas; **Juodėnas, Mindaugas; Virganavičius, Dainius; Tamulevičius, Tomas; Tamulevičius, Sigitas.** Simulation of high diffraction efficiency multilayer-dielectric reflection gratings for femtosecond 1030 nm wavelength laser // Advanced materials and technologies: book of abstracts of 20th international conference - school, 27-31 August 2018, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 1822-7759. 2018, P52, p. 83. [M.kr.: 08T] [Indėlis: 0,498]

PUBLIKACIJŲ GRUPĖ	Publ. sk.	Aut. ind.	Aut. l. sk.	Publ. sk., kurių IF/AIF >=0,4	Publ. sk., kurių IF/AIF >=0,5
1. STRAIPSNIAI RECENZUOJAMUOSE PERIODINIUOSE MOKSLO LEIDINIUOSE	26	7,865		21	16
1.1. Indeksuotuose mokslo leidiniuose su citavimo rodikliu	22	7,013		21	16
1.1.1. Tarptautinėse leidyklose	22	7,013		21	16
1.2. Indeksuotuose mokslo leidiniuose be citavimo rodiklio	2	0,502			
1.2.1. Tarptautinėse leidyklose	2	0,502			
1.4. Konferencijų pranešimų medžiagoje	2	0,350			
1.4.2. Nacionalinėse leidyklose	2	0,350			
5. PATENTAI IR PATENTINĖS PARAIŠKOS	1	1,000			
5.2. Nacionalinėje patentų tarnyboje įregistruoti patentai ir patentinės paraiškos	1	1,000			
7. MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE	39				
7.2. Kitos tezės ir straipsniai	39				