

# MOKSLO IR KITŲ DARBŲ SĄRAŠAS

## STRAIPSNIAI

### Tarptautinėse duomenų bazėse esančiuose mokslo leidiniuose paskelbti straipsniai

#### Mokslinės informacijos instituto duomenų bazės „ISI Web of Science“ leidiniuose, turinčiuose citavimo indeksą

1. **Meškinis, Šarūnas**; Yaremchuk, Iryna; **Grigaliūnas, Viktoras**; **Vasiliauskas, Andrius**; **Čiegis, Arvydas**. Plasmonic properties of nanostructured diamond like carbon/silver nanocomposite films with nanohole arrays // Materials science-Medžiagotyra. Kaunas: KTU. ISSN 1392-1320. 2016, vol. 22, iss. 4, p. 467-471. DOI: (LI-KaTUB)13193. [Science Citation Index Expanded (Web of Science); INSPEC; Scopus] [M.kr. 08T]. [Indėlis: 0,800]. [IF (E): 0,428 (2015)]
2. **Čiegis, Arvydas**; **Kopustinskas, Vitoldas**; **Meškinis, Šarūnas**; **Vasiliauskas, Andrius**. Optical properties of DLC:SiO<sub>x</sub> and Ag multilayer films: surface plasmon resonance effect // Materials science-Medžiagotyra. Kaunas: KTU. ISSN 1392-1320. 2016, vol. 22, iss. 4, p. 481-485. DOI: (LI-KaTUB)13194. [Science Citation Index Expanded (Web of Science); INSPEC; Scopus] [M.kr. 08T]. [Indėlis: 1,000]. [IF (E): 0,428 (2015)]
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4. Jankauskaitė, Virginija; Vitkauskienė, Astra; **Lazauskas, Algirdas**; Baltrušaitis, Jonas; **Prosyčevs, Igoris**; **Andrulevičius, Mindaugas**. Bactericidal effect of graphene oxide/Cu/Ag nanoderivatives against Escherichia coli, Pseudomonas aeruginosa, Klebsiella pneumoniae, Staphylococcus aureus and Methicillin-resistant Staphylococcus aureus // International journal of pharmaceutics. Amsterdam: Elsevier. ISSN 0378-5173. 2016, vol. 511, iss. 11, p. 90-97. [Science Citation Index Expanded (Web of Science); Scopus; BIOSIS Previews; Current Contents (Life Sciences); Medline] [M.kr. 05T]. [Indėlis: 0,417]. [IF (E): 3,994 (2015)]
5. **Grigaliūnas, Viktoras**; **Lazauskas, Algirdas**; **Jucius, Dalius**; Viržonis, Darius; **Abakevičienė, Brigita**; Smetona, Saulius; **Tamulevičius, Sigitas**. Microlens fabrication by 3D electron beam lithography combined with thermal reflow technique // Microelectronic engineering. Amsterdam: Elsevier. ISSN 0167-9317. 2016, vol. 164, p. 23-29. [Science Citation Index Expanded (Web of Science); Scopus; Compendex; Inspec; Chemical Abstracts (CAplus); Academic Search Alumni Edition; Academic Search Complete; Academic Search Elite; Academic Search Premier; Academic Search Research & Development] [M.kr. 08T]. [Indėlis: 0,714]. [IF (E): 1,277 (2015)]
6. **Juknius, Tadas**; Ružauskas, Modestas; **Tamulevičius, Tomas**; Šiugždinienė, Rita; Juknienė, Indrė; Vasiliauskas, Andrius; **Jurkeviciute, Aušrinė**; **Tamulevičius, Sigitas**. Antimicrobial properties of diamond-like carbon/silver nanocomposite thin films deposited on textiles: towards smart bandages // Materials. Basel: MDPI AG. ISSN 1996-1944. 2016, vol. 9, iss. 5, Article 371, p. [1-15]. [Science Citation Index Expanded (Web of Science); Current Contents (Engineering, Computing & Technology); Academic Search Alumni Edition; Academic Search Complete; Academic Search Elite; Academic Search Premier; Academic Search Research & Development; Directory of Open Access Journals] [M.kr. 08T]. [Indėlis: 0,375]. [IF (E): 2,728 (2015)]
7. Janušas, Giedrius; Ponelytė, Sigita; Brunius, Alfredas; **Guobienė, Asta**; Vilkauskas, Andrius; Palevičius, Arvydas. Influence of PZT coating thickness and electrical pole alignment on microresonator properties // Sensors. Basel: MDPI AG. ISSN 1424-8220. 2016, vol. 16, iss. 11, article 1893, p. [1-9]. [Science Citation Index Expanded (Web of Science); Academic Search Complete; Medline] [M.kr. 08T]. [Indėlis: 0,167]. [IF (E): 2,033 (2015)]
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12. **Lazauskas, Algirdas**; Baltrušaitis, Jonas; Puodžiukynas, Linas; **Andrulevičius, Mindaugas**; Bagdžiūnas, Gintautas; Volyniuk, Dmytro; **Meškiniš, Šarūnas**; Niaura, Gediminas; **Tamulevičius, Tomas**; Jankauskaitė, Virginija. Characterization of urea derived polymeric carbon nitride and resultant thermally vacuum deposited amorphous thin films: structural, chemical and photophysical properties // *Carbon*. Oxford: Elsevier. ISSN 0008-6223. 2016, vol. 107, p. 415-425. [Science Citation Index Expanded (Web of Science); Current Contents (Physical, Chemical & Earth Sciences); Chemical Abstracts (CAplus); Compendex; Inspec] [M.kr. 08T]. [Indėlis: 0,350]. [IF (E): 6,198 (2015)]
13. **Tamulevičius, Tomas; Šimatonis, Linas; Ulčinas, Orestas; Tamulevičius, Sigitas**; Žukauskas, Egidijus; Rekvienė, Regina; Mažeika, Liudas. Micromachining and validation of the scanning acoustic microscope spatial resolution and sensitivity calibration block for 20–230 MHz frequency range // *Microscopy*. Oxford: Oxford University Press. ISSN 0022-0744. 2016, vol. 65, iss. 5, p. 429-437. [Science Citation Index Expanded (Web of Science); MEDLINE] [M.kr. 08T]. [Indėlis: 0,429]. [IF (E): 1,285 (2015)]
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15. Keruckienė, Rasa; **Peckus, Domantas; Tamulevičius, Tomas; Tamulevičius, Sigitas**; Daniels, Mathias; Dehaen, Wim; Simokaitienė, Jūratė; Gražulevičius, Juozas Vidas. Indolyl-substituted carbazole derivatives: electrochemical and photophysical properties and computational studies // *Molecular crystals and liquid crystals*. Oxon: Taylor & Francis. ISSN 1542-1406. 2016, vol. 640, iss. 1, p. 59-70. [Science Citation Index Expanded (Web of Science); Scopus; Academic Search Premier; Compendex] [M.kr. 03P]. [Indėlis: 0,375]. [IF (E): 0,532 (2015)]
16. Grigalevičius, Saulius; **Žostautienė, Rasa**; Sipavičiūtė, Diana; Stulpinaitė, Beatričė; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas; Liu, L.; Xie, Zhi-Yuan; Zhang, B.. Polymers containing diphenylvinyl-substituted indole rings as charge-transporting materials for OLEDs // *Journal of electronic materials*. New York: Springer. ISSN 0361-5235. 2016, vol. 45, iss. 2, p. 1210-1215. [Science Citation Index Expanded (Web of Science); Current Contents (Physical, Chemical & Earth Sciences); SpringerLINK] [M.kr. 03P]. [Indėlis: 0,111]. [IF (E): 1,491 (2015)]
17. **Meškiniš, Šarūnas; Čiegis, Arvydas; Vasiliauskas, Andrius; Šlapikas, Kęstutis; Gudaitis, Rimantas**; Yaremchuk, Iryna; Fitio, Volodymyr; Bobitski, Yaroslav; **Tamulevičius, Sigitas**. Annealing effects on structure and optical properties of diamond-like carbon films containing silver // *Nanoscale research letters*. New York, NY: Springer. ISSN 1931-7573. 2016, vol. 11, Article 146, p. [1-9]. [Science Citation Index Expanded (Web of Science); MEDLINE] [M.kr. 02P]. [Indėlis: 0,667]. [IF (E): 2,584 (2015)]
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21. **Meškinis, Šarūnas; Čiegis, Arvydas; Vasiliauskas, Andrius; Šlapikas, Kęstutis; Tamulevičius, Tomas; Andrulevičius, Mindaugas;** Niaura, Gediminas; **Tamulevičius, Sigitas.** Effects of the high power pulsed magnetron sputtering deposition conditions on structure of diamond like carbon:Cu films // *Journal of nanoscience and nanotechnology*. Valencia, CA: American scientific publishers. ISSN 1533-4880. 2016, vol. 16, iss. 9, p. 10133-10142. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents (Physical, Chemical & Earth Sciences)] [M.kr. 08T]. [Indėlis: 0,875]. [IF (E): 1,338 (2015)]
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23. **Andrulevičius, Mindaugas; Puodžiukynas, Linas; Tamulevičius, Tomas; Tamulevičius, Sigitas.** Diffraction efficiency and noise analysis of hidden image holograms // *Optik*. Munich: Elsevier. ISSN 0030-4026. 2017, vol. 131, p. 805-812. [Science Citation Index Expanded (Web of Science); Scopus; Science Citation Index; Current Contents (Physical, Chemical & Earth Sciences); Current Contents (Engineering, Computing & Technology)] [M.kr. 02P]. [Indėlis: 0,500]. [IF (E): 0,742 (2015)]
24. Komissarov, Ivan V.; Kovalchuk, Nikolai G.; Labunov, Vladimir A.; Girel, Ksenia V.; Korolik, Olga V.; Tivanov, Mikhail S.; **Lazauskas, Algirdas; Andrulevičius, Mindaugas; Tamulevičius, Tomas; Grigaliūnas, Viktoras; Meškinis, Šarūnas; Tamulevičius, Sigitas;** Prischepa, Sergej L. Nitrogen-doped twisted graphene grown on copper by atmospheric pressure CVD from a decane precursor // *Beilstein journal of nanotechnology*. Frankfurt am Main: Beilstein-Institut. ISSN 2190-4286. 2017, vol. 8, iss. 1, p. 145-158. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents/Physical, Chemical & Earth Sciences; PubMed] [M.kr. 08T]. [Indėlis: 0,462]. [IF (E): 2,778 (2015)]
25. **Grigaliūnas, Viktoras; Jucius, Dalius; Lazauskas, Algirdas; Andrulevičius, Mindaugas; Sakaliūnienė, Jolita; Abakevičienė, Brigita; Kopustinskas, Vitoldas;** Smetona, Saulius; **Tamulevičius, Sigitas.** Effects of 3D microlens transfer into fused silica substrate by CF<sub>4</sub>/O<sub>2</sub> dry etching // *Applied surface science*. Amsterdam: Elsevier. ISSN 0169-4332. 2017, vol. 393, p. 287-293. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents/Physical, Chemical & Earth Sciences; Current Contents/Engineering, Computing & Technology] [M.kr. 08T]. [Indėlis: 0,889]. [IF (E): 3,150 (2015)]
26. **Jurkevičiūtė, Aušrinė; Lazauskas, Algirdas; Tamulevičius, Tomas; Vasiliauskas, Andrius; Peckus, Domantas; Meškinis, Šarūnas; Tamulevičius, Sigitas.** Structure and density profile of diamond-like carbon films containing copper: study by X-ray reflectivity, transmission electron microscopy, and spectroscopic ellipsometry // *Thin solid films*. Lausanne: Elsevier. ISSN 0040-6090. 2017, vol. 00, p. [1-11]. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents (Physical, Chemical & Earth Sciences); Current Contents (Engineering, Computing & Technology)] [M.kr. 08T]. [Indėlis: 0,857]. [IF (E): 1,761 (2015)]
27. Keruckienė, Rasa; Volyniuk, Dmytro; Ostrauskaitė, Jolita; Pečiulytė, Laura; Gražulevičius, Juozas Vidas; Kostjuk, Sergei V.; **Lazauskas, Algirdas.** Derivatives of 2-phenylindole and carbazole as host materials for phosphorescent organic light emitting diodes // *Dyes and pigments*. Oxford: Elsevier. ISSN 0143-7208. 2017, vol. 137, p. 58-68. [Science Citation Index Expanded (Web of Science); Scopus; Current Contents (Engineering, Computing & Technology); Science Direct; Academic Search Complete; Academic Search Premier; Academic Search Research & Development] [M.kr. 03P]. [Indėlis: 0,143]. [IF (E): 4,055 (2015)]
28. **Peckus, Domantas; Tamulevičius, Tomas; Meškinis, Šarūnas; Tamulevičienė, Asta; Vasiliauskas, Andrius; Ulčinas, Orestas;** Gulbinas, Vidmantas; **Tamulevičius, Sigitas.** Linear and nonlinear absorption properties of diamond-like carbon doped with Cu nanoparticles // *Plasmonics*. New York, NY: Springer Science+Business Media. ISSN 1557-1955. 2017, vol. 12, iss. 1, p. 47-58. [Science Citation Index Expanded (Web of Science); Current Contents/Physical, Chemical & Earth Sciences] [M.kr. 02P]. [Indėlis: 0,688]. [IF (E): 2,146 (2015)]

[Indėlis grupėje: 12,666]

#### **Mokslinės informacijos instituto duomenų bazės „ISI Web of Science“ leidiniuose, neturiniuose citavimo indekso**

##### **Kitų tarptautinių duomenų bazių leidiniuose**

1. Šakalys, Rokas; Janušas, Giedrius; Palevičius, Arvydas; **Grigaliūnas, Viktoras;** Palevičius, Paulius. Vibration based microstructure replication and analysis // *NATO science for peace and security series A: Chemistry and biology : Nanomaterials for security*. Dordrecht: Springer Science+Business Media. ISSN 1874-6489. 2016, pt. 1, p. 159-171. [Conference Proceedings Citation Index - Science (Web of Science); SpringerLINK; Scopus] [M.kr. 08T]. [Indėlis: 0,200]

[Indėlis grupėje: 0,200]

#### **Kituose recenzuojamuose mokslo leidiniuose paskelbti straipsniai Konferencijų pranešimų medžiagoje paskelbti straipsniai**

1. **Sakaliūnienė, Jolita; Abakevičienė, Brigita;** Muñoz Fuentes, Miguel Ángel; Cauqui López, Miguel Ángel; **Tamulevičius, Sigitas;** del Pilar Yeste Sigüenza, María. Película delgada de CeO<sub>2</sub>-YSZ depositadas mediante evaporación por haces de electrones: uso como interfase electrodo-electrolito en las  $\mu$ -SOFC // Libro de comunicaciones : II congreso Iberoamericano de Hidrógeno y Pilas de Combustible, 20-22 April 2016, Torremolinos (Málaga). Madrid: Asociación Española de Pilas de Combustible - APPICE, 2016, ISBN 9788460866145. p. 117-120. [M.kr. 08T]. [Indėlis: 0,417]
2. Palevičius, Arvydas; **Grigaliūnas, Viktoras;** Janušas, Giedrius; Palevičius, Paulius; Šakalys, Rokas. Development of complex 3D microstructures based on computer generated holography and their usage for biomedical applications // Proceedings of SPIE : Nanosensors, biosensors, and info-tech sensors and systems : March 20, 2016, Las Vegas, Nevada, United States / Edited by Vijay K. Varadan. Bellingham, WA: SPIE. ISSN 0277-786X. 2016, vol. 9802, Article 980210, p. [1-8]. [M.kr. 09T]. [Indėlis: 0,200]

[Indėlis grupėje: 0,617]

**Periodiniuose leidiniuose ir vienkartinuose straipsnių rinkiniuose ir kt. paskelbti straipsniai**

## MOKSLO MONOGRAFIJOS MOKSLO STUDIJOS MOKSLO ŠALTINIŲ PUBLIKACIJOS

*Publikacijų grupėje nėra*

### TAKOMIEJI MOKSLO DARBAI

(žodynai, žinytai, enciklopedijos, bibliografijos, paminklų sąvadai, teisės aktų komentarai)

#### PATENTAI

#### STUDIJŲ LITERATŪRA

#### Vadovėliai

#### Mokomosios knygos

#### Kitos metodinės priemonės

#### KITOS PUBLIKACIJOS

1. Griškoniš, Egidijus; Zacharovas, Stanislovas; Adlienė, Diana; **Narmontas, Pranas;** Šeperys, Rimas; Bakanas, Ramūnas; Vaičiūnaitė, Neringa. LT 6292 B. Apsaugančios nuo radiacijos medžiagos kompozicija, radiacinei apsaugai skirtas ekranas ir jo gamybos būdas / išradėjai: Egidijus Griškoniš, Stanislovas Zacharovas, Diana Adlienė, Pranas Narmontas, Rimas Šeperys, Ramūnas Bakanas, Neringa Vaičiūnaitė ; pareiškėjas/savininkas: Kauno technologijos universitetas. 2016-08-10. 18 p. [Lietuvos Respublikos patentų duomenų bazė] [M.kr. 02P]. [Indėlis: 0,143]
2. **Stankevičius, Lukas;** Tamulevičius, Tomas. Difrakcinių gardelių, pasižyminčių didesniu nei 99 proc. difrakciniu efektyvumu pralaidume, modeliavimas // Matematika ir gamtos mokslai: teorija ir taikymai : XIV studentų konferencijos pranešimų medžiaga = Mathematics and natural sciences: theory and applications. Kaunas: Kauno technologijos universitetas, 2016, ISBN 9786090212257. p. 28-29. [M.kr. 02P]. [Indėlis: 0,500]
3. **Žabaitė, Alvita; Jurkevičiūtė, Aušrinė; Tamulevičius, Tomas.** Dangų tyrimas spektroskopiniu elipsometru // Matematika ir gamtos mokslai: teorija ir taikymai : XIV studentų konferencijos pranešimų medžiaga = Mathematics and natural sciences: theory and applications. Kaunas: Kauno technologijos universitetas, 2016, ISBN 9786090212257. p. 7-8. [M.kr. 02P]. [Indėlis: 1,000]
4. Muñoz Fuentes, Miguel Ángel; **Sakaliūnienė, Jolita; Abakevičienė, Brigita;** del Pilar Yeste Sigüenza, María; Cauqui López, Miguel Ángel; **Tamulevičius, Sigitas.** Ce<sub>0.13</sub>Zr<sub>0.75</sub>Y<sub>0.12</sub>O<sub>1.94</sub> thin film deposited by e-beam evaporation technique as interlayer between electrode/electrolyte // E-MRS Spring Meeting 2016, from May 2nd to 6th, Lille, France. Strasbourg: European Materials Research Society, 2016. p. D.P2.12. [M.kr. 08T]. [Indėlis: 0,500]
5. **Abakevičienė, Brigita; Tamulevičius, Sigitas; Grigaliūnas, Viktoras; Jucius, Dalius; Lazauskas, Algirdas;** Viržonis, Darius; Smetona, Saulius. Surface modification by plasma and diamond like carbon films for enhanced thermal reflow of microlenses // E-MRS Spring Meeting 2016, from May 2nd to 6th, Lille, France. Strasbourg: European Materials Research Society, 2016. p. EE.3.8. [M.kr. 08T]. [Indėlis: 0,643]
6. **Stankevičius, Lukas; Tamulevičius, Tomas.** Simulation of high diffraction efficiency transmission gratings // Open readings 2016 : 59th scientific conference for students of physics and natural sciences, March 15-18, 2016 Vilnius, Lithuania : programme and abstracts. Vilnius: Vilnius University. ISSN 2029-4425. 2016, p. 46. [M.kr. 02P]. [Indėlis: 0,500]
7. **Ulčinis, Orestas; Tamulevičius, Tomas; Šimatoniš, Linas; Tamulevičius, Sigitas;** Žukauskas, Egidijus; Rekuviėnė, Regina; Mažeika, Liudas. Micromachining and validation of the scanning acoustic microscope spatial resolution and sensitivity calibration block // Open readings 2016 : 59th scientific conference for students of physics and natural sciences, March 15-18, 2016 Vilnius, Lithuania : programme and abstracts. Vilnius: Vilnius University. ISSN 2029-4425. 2016, p. 154. [M.kr. 02P]. [Indėlis: 0,500]
8. **Juodėnas, Mindaugas; Virganavičius, Dainius; Tamulevičius, Tomas; Grigaliūnas, Viktoras;** Madsen, Morten; **Tamulevičius, Sigitas.** Directed assembly of micro particles into wellorganized arrays // Open readings 2016 : 59th

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Mokslo darbų autorius: \_\_\_\_\_  
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\_\_\_\_\_

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\_\_\_\_\_

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