ΠΜΣ «ΣΥΓΧΡΟΝΕΣ ΠΡΟΣΕΓΓΙΣΕΙΣ ΣΤΗΝ ΠΑΘΟΛΟΓΙΑ ΚΑΙ ΧΕΙΡΟΥΡΓΙΚΗ ΤΟΥ ΑΜΦΙΒΛΗΣΤΡΟΕΙΔΟΥΣ»

Διευθυντής: Καθηγητής Ηλίας Γεωργάλας

Δημοσιεύσεις φοιτητών σε διεθνή περιοδικά

Εργασίες φοιτητών του ΠΜΣ, κατά έτος δημοσίευσης

47 εργασίες **40** δημοσιευμένες **7** υπό αξιολόγηση **11** με θέμα Τεχνητής Νοημοσύνης

Με **έντονα μπλε** οι φοιτητές του ΠΜΣ · TN εργασία με θέμα Τεχνητής Νοημοσύνης

2026 12 δημοσιεύσεις

1 **Artificial Intelligence in Inherited Retinal Diseases: Imaging-Based Applications and Emerging Trends** TN
Maliagkani, E., **Gkoritsa, A.**, **Tyrlis, K.**, Kandarakis, S., & Georgalas, I.
Seminars in Ophthalmology · 2026 · 10.1080/08820538.2026.2707227 ↗

2 **The Astronaut's Algorithm: Artificial Intelligence in Spaceflight-Associated Neuro-Ocular Syndrome (SANS)** TN
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International Astronautical Federation (IAF) · 2026 · dl.iafastro.directory/event/IAC-2026/paper/109344 ↗

3 **Lipoprotein and apolipoprotein levels in age-related macular degeneration: A meta-analysis**
Arsoudi, V., **Chontos, T.**, **Voutsas, S.**, Petrou, P., **Tyrlis, K.**, **Karavidas, I.**, Kandarakis, S. A., **Chondrou, S.**, Diamanti, S., Angelidis, C. D., & Georgalas, I.
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4 **Retinal Microvascular Effects of Internal Limiting Membrane Peeling: A Meta-Analysis**
Chontos, T., **Arsoudi, V.**, Kandarakis, S. A., **Voutsas, S.**, Petrou, P., Vakalopoulos, D., Tsagkogiannis, V. A., **Tyrlis, K.**, Kottaridou, E. E. K., Zisis, V., Diamanti, S., & Georgalas, I.
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5 **Five-Year Follow-Up of an Eight-Year-Old Boy With a Scleral-Fixated Carlevale Intraocular Lens After Ocular Trauma**
Drakou, Z., Gotzaridis, S., Kouri, A., & Maliagkani, E.
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6 **Advancing Retinal Imaging with AI: Evaluating Performance in Geographic Atrophy Segmentation (EVER)** TN
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7 **Tamponade-free superior ILM flap for idiopathic macular hole repair: a pilot study**
Zampogianni, A., **Ntikos, S.**, Moraitis, N., Gotzaridis, S., Georgalas, I., Kymionis, G., & Petrou, P.
Graefe's Archive for Clinical and Experimental Ophthalmology · 2026 · 10.1007/s00417-026-07410-1 ↗

8 **"Flapless" trocar-assisted intrascleral fixation technique for Carlevale IOL implantation without conjunctival opening: A novel approach**
Petrou, P., **Doumazos, S.**, Kandarakis, S., **Ntikos, S.**, Okoutsidou, E., **Barlampa, K.**, Zampogianni, N., Lanzetta, P., & Georgalas, I.
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9 **Beyond the algorithm: Challenges and future paths in AI-driven geographic atrophy segmentation** TN
Maliagkani, E., **Chatzara, A.**, **Mitsopoulou, D.**, Katsimpris, A., Apostolopoulos, I., Papageorgiou, E., & Georgalas, I.
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10 **Pregnancy-Related Changes in Macular and Ganglion Cell Layer Thickness: A Longitudinal OCT Analysis**
Rapanou, A., **Chontos, T.**, Kanakis, M., **Tyrlis, K.**, Kymionis, G. D., & Georgalas, I.
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11 **Semaglutide and risk of Non-Arteritic Anterior Ischemic Optic Neuropathy (NAION) in type 2 diabetes mellitus: A systematic review and meta-analysis**
Lampsas, S., **Agapitou, C.**, Oikonomou, E., Siasos, G., Theodossiadis, P., Tsivgoulis, G., Lambadiari, V., & Chatziralli, I.
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12 **Eplerenone for Central Serous Chorioretinopathy: Is There Still Room for This Treatment?**
Chatziralli, I., **Agapitou, C.**, Lampsas, S., Chatzirallis, A., **Risi-Koziona, A.**, Smarlamaki, R., Pappelis, K., Theodossiadis, G., & Theodossiadis, P.
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13 **INTRAVITREAL AFLIBERCEPT FOR MACULAR EDEMA DUE TO CENTRAL RETINAL VEIN OCCLUSION**
Chatziralli, I., **Theofilou, P.**, Kazantzis, D., **Agapitou, C.**, Karmiris, E., **Risi-Koziona, A.**, Theodossiadis, G., Georgalas, I., & Theodossiadis, P.
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14 **Artificial Intelligence in Myopic Maculopathy: A Comprehensive Review of Identification, Classification, and Monitoring Using Diverse Imaging Modalities** TN
Kapetanaki, M., Maliagkani, E., **Tyrlis, K.**, & Georgalas, I.
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15 **Artificial Intelligence in Decoding Ocular Enigmas: A Literature Review of Choroidal Nevus and Choroidal Melanoma Assessment** TN
Karamanli, K.-E., Maliagkani, E., Petrou, P., Papageorgiou, E., & Georgalas, I.
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16 **Intravitreal Anti-Vascular Endothelial Growth Factor Agents in Patients with Neovascular Age-Related Macular Degeneration and Retinal Pigment Epithelial Tear: A Systematic Review and Meta-Analysis**
Mavridou, E. P., Sergentanis, T. N., **Kapetanios, I.**, Theodossiadis, P., & Chatziralli, I.
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17 **Artificial Intelligence Algorithms for Epiretinal Membrane Detection, Segmentation and Postoperative BCVA Prediction: A Systematic Review and Meta-Analysis** TN
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18 **The Role of Artificial Intelligence in the Diagnosis, Segmentation, and Prediction of Retinal Vein Occlusion: A Systematic Review** TN
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19 **Artificial Intelligence Approaches for Geographic Atrophy Segmentation: A Systematic Review and Meta-Analysis** TN
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20 **Unmasking a Silent Persistent Hyaloid Artery: A Rare Cause of Vitreous Hemorrhage in an Elderly Patient**
Maliagkani E, **Chatzara A**, Chronopoulou K, & Tservakis I.
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21 **Hyphema and vitreous hemorrhage after micropulse trans-scleral cyclophotocoagulation**
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Indian Journal of Ophthalmology · 2025 · 10.4103/IJO.IJO_646_24 ↗

22 **Medical management of post-phacoemulsification uveal effusion in nanophthalmos: A case report**
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23 **Implantation of a scleral fixated (Carlevale) EDOF IOL in aphakia**
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American Journal of Ophthalmology Case Reports · 2025 · 10.1016/j.ajoc.2025.102391 ↗

24 **Seasonal Variation of Rhegmatogenous Retinal Detachment in Greece: Temperature, Humidity, and Atmospheric Pressure as Risk Factors**
Tooulias, C., Papaconstantinou, D., Droutsas, K., Androu, A., **Theofilou, P.**, Theodossiadis, P., Stavrakas, P., & Georgalas, I.
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25 **Seasonal Variation of Rhegmatogenous Retinal Detachment: A Systematic Literature Review**
Tooulias, C., Papaconstantinou, D., Droutsas, K., Androu, A., **Theofilou, P.**, Theodossiadis, P., Stavrakas, P., & Georgalas, I.
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26 **Impact of the COVID-19 pandemic on the incidence and recurrence of central serous chorioretinopathy in Greece: a multicenter study**
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27 **Association of Diabetic Retinopathy and Arterial Stiffness With Cardiovascular Disease in Type 2 Diabetes**
Agapitou, C., Pappelis, K., Chatzirallis, A., Lampsas, S., Kazantzis, D., **Risi-Koziona, A.**, Theodossiadis, P., Ikonomidis, I., Lambadiari, V., & Chatziralli, I.
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28 **Lipoprotein (a) in the Development and Progression of Diabetic Retinopathy: A Systematic Review and Meta-Analysis**
Lampsas, S., Lambadiari, V., **Agapitou, C.**, Lampsa, A., Oikonomou, E., Siasos, G., & Chatziralli, I.
Medicina · 2025 · 10.3390/medicina61071137 ↗

29 **Investigation of the Potential Association Between Atherosclerotic Cardiovascular Disease Risk Score and Diabetic Retinopathy in Patients with Type 2 Diabetes: A Cross-Sectional Study**
Agapitou, C., Sergentanis, T. N., Papageorgiou, E. G., Theodossiadis, P., Ikonomidis, I., Lambadiari, V., & Chatziralli, I.
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30 **Retinal Microvascular Changes in Association with Endothelial Glycocalyx Damage and Arterial Stiffness in Patients with Diabetes Mellitus Type 2: A Cross-Sectional Study in a Greek Population**
Agapitou, C., Sergentanis, T. N., Thymis, J., Pavlidis, G., Lampsas, S., Korakas, E., Kountouri, A., Pliouta, L., Karmiris, E., Lagiou, A., Theodossiadis, P., Lambadiari, V., Ikonomidis, I., & Chatziralli, I.
Journal of Personalized Medicine · 2024 · 10.3390/jpm14090995 ↗

31 **Retinal Microvascular Changes in Association with Endothelial Glycocalyx Damage and Arterial Stiffness in Patients with Retinal Vein Occlusion: A Cross-Sectional Study**
Pappelis, K., **Risi-Koziona, A.**, **Agapitou, C.**, Korakas, E., Thymis, J., Pavlidis, G., Lampsas, S., Kountouri, A., Pliouta, L., Georgalas, I., Theodossiadis, P., Lambadiari, V., Ikonomidis, I., & Chatziralli, I.
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32 **The rare diagnosis of Von Hippel–Lindau disease in a 29-year-old patient**
Rotsos, T., **Bouzika, P.**, Sotirianakou, M.-E., Symeonidis, C., Giachos, I., **Papakonstantinou, E.**, Paraskevopoulos, T., & Georgalas, I.
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33 **An Atypical Case of Severe Toxicity, Anterior Chamber Inflammation, and Transient Subretinal Fluid Formation Induced by the Subconjunctival Injection of 5-FU**
Karmiris, E., Chalkiadaki, E., Tsiripidis, K., Stavrakas, P., & **Papakonstantinou, E.**
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34 **UGH syndrome resolution after IOL explantation and concomitant Carlevale IOL implantation**
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35 **Optical Coherence Tomography Angiography Changes in Patients Diagnosed with Acute Coronary Syndrome: A Systematic Review and Meta-Analysis**
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36 **Endothelial Glycocalyx Damage and Arterial Thickness in Patients with Retinal Vein Occlusion (RVO)**
Korakas, E., Pavlidis, G., Lampsas, S., **Agapitou, C.**, **Risi-Koziona, A.**, Kountouri, A., Oikonomou, E., Pliouta, L., Katogiannis, K., Pililis, S., Thymis, J., Siasos, G., Ikonomidis, I., Lambadiari, V., & Chatziralli, I.
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37 **Correlation Between Coronary and Retinal Microangiopathy in Patients With STEMI**
Sideri, A. M., Kanakis, M., Katsimpris, A., Karamaounas, A., Brouzas, D., Petrou, P., **Papakonstantinou, E.**, Droutsas, K., Kandarakis, S., Giannopoulos, G., & Georgalas, I.
Translational Vision Science & Technology · 2023 · 10.1167/tvst.12.5.8 ↗

38 **The Effect of the Water Drinking Test on Ocular Parameters and Choroidal Thickness in Glaucoma Suspects**
Kandarakis, S. A., Katsimpris, A., Kourti, P., Psinakis, F., Karmiris, E., **Papakonstantinou, E.**, Andreanos, K., Petrou, P., & Georgalas, I.
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39 **Two Year Randomized Prospective Comparison of Ahmed Valve Versus Baerveldt Implant in Vitrectomized Eyes**
Kandarakis, S. A., Petrou, P., Katsimpris, A., **Papakonstantinou, E.**, Timpilis, M., Chronopoulou, K., Lehman, A., Ifantides, C., & Georgalas, I.
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40 **Aflibercept for Diabetic Macular Edema in Real-Life Practice in GREece: Three-Year Outcomes of the ADMIRE Study**
Chatziralli, I., **Agapitou, C.**, Dimitriou, E., Kapsis, P., Kazantzis, D., Machairoudia, G., Georgiadis, O., Theodossiadis, G., & Theodossiadis, P.
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Υπό αξιολόγηση 7 εργασίες

41 **The Integral Role of Artificial Intelligence Models in Retinal Detachment Diagnostics: A Systematic Review and Meta-Analysis** TN
Mitsopoulou, D., Georgalas, I., Katsimpris, A., **Mitri, P.**, Apostolopoulos, I., Petrou, P., & Maliagkani, E.
Υπό αξιολόγηση 2026

42 **The impact of drainage retinotomy on postoperative retinal translocation following pars plan vitrectomy for rhegmatogenous retinal detachment: A Pilot Study**
Drakou, Z., Maliagkani, E., Zampogianni, A., Georgalas, I., Gotzaridis, S., & Petrou, P.
Υπό αξιολόγηση 2026

43 **Time-Point–Specific Visual and Anatomical Outcomes of Intravitreal Faricimab for Retinal Vein Occlusion: A Systematic Review**
Chatzara, A., Tsiogka, A., Georgalas, I., & Maliagkani, E.
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44 **Hidden in Plain Sight: Ocular Diseases in Historical Painters: A review**
Sandali, A., **Theodosiou, A.**, Nikolaidou, A., Georgalas, I., & Maliagkani, E.
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45 **Quantifying the Prognostic Value of Genomic Alterations in Primary Uveal Melanoma: A Systematic Review and Meta-Analysis**
Foteinou, D., Theocharopoulos, C., Ziogas, D. C., Gogas, H., Patel, S. P., Oliver, S. C. N., Kandarakis, S., Petrou, P., Georgalas, I., & Maliagkani, E.
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46 **From Molecular Prognosis to Treatment-Response Monitoring: A Bibliometric Analysis of ctDNA and cfDNA Research in Uveal Melanoma**
Foteinou, D., Theocharopoulos, C., Ziogas, D. C., Gogas, H., Oliver, S. C. N., & Maliagkani, E.
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47 **Mapping the Scientific Landscape of Spaceflight-Associated Neuro-Ocular Syndrome: A Bibliometric Analysis** TN
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