

## Documents

- 1) Aydin, E.S.<sup>a</sup>, Yucel, O.<sup>b</sup>, Sadikoglu, H.<sup>a c</sup>  
**Experimental study on hydrogen-rich syngas production via gasification of pine cone particles and wood pellets in a fixed bed downdraft gasifier**  
*International Journal of Hydrogen Energy*, .
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- 2) Ince, A.C.<sup>a b</sup>, Karaoglan, M.U.<sup>a c</sup>, Glüsen, A.<sup>d</sup>, Colpan, C.O.<sup>a c</sup>, Müller, M.<sup>d</sup>, Stolten, D.<sup>d e</sup>  
**Semiempirical thermodynamic modeling of a direct methanol fuel cell system**  
*International Journal of Energy Research*, .
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- 3) Beşli, S.<sup>a</sup>, Mutlu Balcı, C.<sup>a</sup>, Köseoğlu, C.<sup>a</sup>, Palabıyık, D.<sup>a</sup>, Allen, C.W.<sup>b</sup>  
**Synthesis and characterization of the first geminal dibenzylaminocyclotriphosphazene derivatives**  
*Inorganica Chimica Acta*, .
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- 4) Mamedov, N.T.<sup>a</sup>, Jabarov, S.H.<sup>a b</sup>, Kozlenko, D.P.<sup>b</sup>, Ismayilova, N.A.<sup>a</sup>, Seyidov, M.Y.<sup>a c</sup>, Mammadov, T.G.<sup>a</sup>, Dang, N.T.<sup>d</sup>  
**Neutron diffraction study of the crystal structure of TlInSe<sub>2</sub> at high pressure**  
*International Journal of Modern Physics B*, .
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- 5) Pişkin, H., Akdoğan, N.  
**Interface-induced enhancement of sensitivity in NiFe/Pt/IrMn-based planar hall sensors with nanoTesla resolution**  
*Sensors and Actuators, A: Physical*, .
- Gebze Technical University, Department of Physics, Gebze, Kocaeli 41400, Turkey
- 6) Yıldız, A.S., Sivrioğlu, S.  
**Superconducting levitation analysis of a flywheel system using H-formulation**  
*Physica C: Superconductivity and its Applications*, .
- Department of Mechanical Engineering, Gebze Technical University, Gebze, Turkey

- 7) Dilber, G.<sup>a</sup>, Altunparmak, H.<sup>b</sup>, Nas, A.<sup>a</sup>, Kantekin, H.<sup>b</sup>, Durmuş, M.<sup>c</sup>  
**The peripheral and non-peripheral 2H-benzotriazole substituted phthalocyanines: Synthesis, characterization, photophysical and photochemical studies of zinc derivatives**  
*Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, .
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- 8) Aksakal, N.E.<sup>a</sup>, Chumakov, Y.<sup>b</sup>, Yuksel, F.<sup>a</sup>  
**Crystal Structures of Two Perylenediimides: A Study of Bay-Substitution**  
*Journal of Chemical Crystallography*, .
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- 9) Yıldırım, M.<sup>a</sup>, Erdoğan, A.<sup>b</sup>, Yüksel, Ö.F.<sup>c</sup>, Kuş, M.<sup>e</sup>, Can, M.<sup>f</sup>, Akın, Ü.<sup>c</sup>, Tuğluoğlu, N.<sup>g</sup>  
**The synthesis of 4,4'-(9,9-dioctyl-9H-fluorene-2,7-diy)bis(N,N-diphenylaniline) organic semiconductor and use of it as an interlayer on Au/n-Si diode**  
*Journal of Materials Science: Materials in Electronics*, .
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- 10) Bouras, H.D.<sup>a</sup>, Isik, Z.<sup>c</sup>, Bezirhan Arıkan, E.<sup>c</sup>, Bouras, N.<sup>d</sup>, Chergui, A.<sup>a</sup>, Yatmaz, H.C.<sup>f</sup>, Dizge, N.<sup>c</sup>  
**Photocatalytic oxidation of azo dye solutions by impregnation of ZnO on fungi**  
*Biochemical Engineering Journal*, .
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**Improving the performance of inverted polymer solar cells through modification of compact TiO<sub>2</sub> layer by different boronic acid functionalized self-assembled monolayers**  
*Applied Surface Science*, .
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- 12) Gok, A.<sup>a</sup>, Gordon, D.A.<sup>b</sup>, Burns, D.M.<sup>c</sup>, Fowler, S.P.<sup>d</sup>, French, R.H.<sup>b</sup>, Bruckman, L.S.<sup>b</sup>

**Reciprocity and spectral effects of the degradation of poly(ethylene-terephthalate) under accelerated weathering exposures***Journal of Applied Polymer Science*, .

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- 13) Heinrich, M.A.<sup>a,b</sup>, Liu, W.<sup>a,c</sup>, Jimenez, A.<sup>a,d</sup>, Yang, J.<sup>a,e</sup>, Akpek, A.<sup>a,f,g</sup>, Liu, X.<sup>a,h</sup>, Pi, Q.<sup>a,i</sup>, Mu, X.<sup>a</sup>, Hu, N.<sup>a,j</sup>, Schiffelers, R.M.<sup>k</sup>, Prakash, J.<sup>b</sup>, Xie, J.<sup>l</sup>, Zhang, Y.S.<sup>a</sup>

**3D Bioprinting: from Benches to Translational Applications***Small*, .

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- 14) Yıldız, B.K., Tür, Y.K.

**An investigation of equibiaxial flexural strength and hardness properties of Al<sub>2</sub>O<sub>3</sub>-Ni nanocomposites based microstructures with ZrO<sub>2</sub> and Cr<sub>2</sub>O<sub>3</sub> additives***Materials Science and Engineering A*, .

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- 15) Günaydın, O.<sup>a</sup>, Demir, A.<sup>b</sup>, Atahan, A.<sup>c</sup>, Yardım, T.<sup>d,e</sup>, Yücedağ, İ.<sup>e</sup>

**Evaluation of novel thiophene branched polystyrene as insulator layer in organic electronic device***Journal of Molecular Structure*, .

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- 16) Kasapoglu-Calik, M.<sup>a,b</sup>, Ozdemir, M.<sup>a</sup>

**Synthesis and controlled release of curcumin-β-cyclodextrin inclusion complex from nanocomposite poly(N-isopropylacrylamide/sodium alginate) hydrogels***Journal of Applied Polymer Science*, .

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- 17) Demir, E.<sup>a</sup>, Aydin, M.<sup>a b</sup>, Arie, A.A.<sup>b c</sup>, Demir-Cakan, R.<sup>a b</sup>  
**Apricot shell derived hard carbons and their tin oxide composites as anode materials for sodium-ion batteries**  
*Journal of Alloys and Compounds*, .
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- 18) Shokr, Y.A.<sup>a b</sup>, Sandig, O.<sup>a</sup>, Erkovan, M.<sup>c d</sup>, Zhang, B.<sup>a h</sup>, Bernien, M.<sup>a</sup>, Ünal, A.A.<sup>e i</sup>, Kronast, F.<sup>e</sup>, Parlak, U.<sup>f j</sup>, Vogel, J.<sup>g</sup>, Kuch, W.<sup>a</sup>  
**Steering of magnetic domain walls by single ultrashort laser pulses**  
*Physical Review B*, .
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**Determinants of Open Innovation and their Interrelations**  
*International Journal of Innovation and Technology Management*, .
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- 20) Ertap, H.<sup>a</sup>, Yuksek, M.<sup>b</sup>, Karatay, A.<sup>c</sup>, Elmali, A.<sup>c</sup>, Karabulut, M.<sup>d</sup>  
**Linear and nonlinear absorption, SHG and photobleaching behaviors of Dy doped GaSe single crystal**  
*Chinese Journal of Physics*, .
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- 21) Deniz Sungur, D.<sup>a</sup>, Aksel, H.<sup>a b</sup>, Ozturk, S.<sup>c d</sup>, Yilmaz, Z.<sup>a</sup>, Ulubayram, K.<sup>d e</sup>  
**Effect of dentine conditioning with phytic acid or etidronic acid on growth factor release, dental pulp stem cell migration and viability**  
*International Endodontic Journal*, .
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- 22) Yurtseven, S.<sup>a</sup>, Karabulut, M.<sup>b</sup>, Aytakin, S.O.<sup>a</sup>, Nasibov, H.<sup>a</sup>  
**Investigation of Environmental Effects on the Normalized Spectral Responsivity of an InGaAs Detector**  
*Medical Measurements and Applications, MeMeA 2019 - Symposium Proceedings*, .
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- 23) Güngör, T.<sup>a</sup>, Önder, F.C.<sup>a</sup>, Tokay, E.<sup>b</sup>, Gülhan, Ü.G.<sup>c</sup>, Hacıoğlu, N.<sup>b</sup>, Tok, T.T.<sup>d</sup>, Çelik, A.<sup>c</sup>, Köçkar, F.<sup>b</sup>, Ay, M.<sup>a</sup>  
**PRODRUGS FOR NITROREDUCTASE BASED CANCER THERAPY- 2: Novel amide/Ntr combinations targeting PC3 cancer cells**  
*European Journal of Medicinal Chemistry*, .
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- 24) Yalim-Camci, I.<sup>a</sup>, Balcik-Ercin, P.<sup>a</sup>, Cetin, M.<sup>a</sup>, Odabas, G.<sup>a</sup>, Tokay, N.<sup>a</sup>, Sayan, A.E.<sup>b</sup>, Yagci, T.<sup>a</sup>  
**ETS1 is coexpressed with ZEB2 and mediates ZEB2-induced epithelial-mesenchymal transition in human tumors**  
*Molecular Carcinogenesis*, .
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- 25) Ongun, M.Z.<sup>a</sup>, Topal, S.Z.<sup>b</sup>, Yel, Z.<sup>b</sup>, Ertekin, K.<sup>c</sup>, Önal, E.<sup>b d</sup>, Hirel, C.<sup>e</sup>  
**Improvement of the O2 detection: Substituent's effect on Pd(II) meso-tetraphenylporphyrin probes**  
*Sensors and Actuators, B: Chemical*, .
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- 26) Aytac, Z.<sup>a</sup>, Ipek, S.<sup>a b</sup>, Erol, I.<sup>c</sup>, Durgun, E.<sup>a d</sup>, Uyar, T.<sup>a e</sup>  
**Fast-dissolving electrospun gelatin nanofibers encapsulating ciprofloxacin/cyclodextrin inclusion complex**  
*Colloids and Surfaces B: Biointerfaces*, .
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- 27) Kirbaş, C.<sup>a b</sup>, Seyidov, M.Y.<sup>a</sup>  
**Influence of native structural defects activated by illumination and under the memory effect conditions on ultrasonic wave propagation in TlInS2 ferroelectric-semiconductor with incommensurate phase**  
*Materials Research Express*, .
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- 28) Binay, B.  
**EBAT 2018**  
*Preparative Biochemistry and Biotechnology*, .
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- 29) Esen, H.<sup>a</sup>, Alpdagtas, S.<sup>b</sup>, Mervan Çakar, M.<sup>c</sup>, Binay, B.<sup>d</sup>  
**Tailoring of recombinant FDH: effect of histidine tag location on solubility and catalytic properties of *Chaetomium thermophilum* formate dehydrogenase (CtFDH)**  
*Preparative Biochemistry and Biotechnology*, .
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- 30) Duman, Z.E.<sup>a</sup>, Ünlü, A.<sup>b</sup>, Çakar, M.M.<sup>c</sup>, Ünal, H.<sup>d</sup>, Binay, B.<sup>e</sup>  
**Enhanced production of recombinant *Staphylococcus simulans* lysostaphin using medium engineering**  
*Preparative Biochemistry and Biotechnology*, .
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- 31) Arici, E.<sup>a</sup>, Kaplan, B.Y.<sup>b</sup>, Mert, A.M.<sup>c</sup>, Alkan Gursel, S.<sup>a b</sup>, Kinayyigit, S.<sup>c</sup>  
**An effective electrocatalyst based on platinum nanoparticles supported with graphene nanoplatelets and carbon black hybrid for PEM fuel cells**  
*International Journal of Hydrogen Energy*, .
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**Mediating effect of continuous improvement on the relationship between innovation and financial performance**  
*Total Quality Management and Business Excellence*, .
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- 33) Aktepe, A., Ulku, H.A.  
**Evaluation of the contour integral on curved edges in time domain equivalent edge currents**  
*2019 International Applied Computational Electromagnetics Society Symposium in Miami, ACES-Miami 2019*, .
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- 34) Burak Özakn, M.<sup>a b</sup>, Chen, L.<sup>a</sup>, Ahmed, S.<sup>a</sup>, Bagci, H.<sup>a</sup>  
**Computation of Fields from a Magnetic Dipole in a Conductive Medium Using the QS-DGTD Method**  
*2019 International Applied Computational Electromagnetics Society Symposium in Miami, ACES-Miami 2019*, .
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- 35) Eryilmaz, Y.<sup>a</sup>, Tezcan, H.O.<sup>b</sup>  
**Towards a compact macroform: commuter line optimization in Istanbul**  
*Transportation Letters*, .
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- 36) Çelebi, E.E.<sup>a</sup>, Öncel, M.S.<sup>a</sup>, Kobyra, M.<sup>a</sup>, Bayramoğlu, M.<sup>b</sup>  
**Extraction of lithium from wastewaters using a synergistic solvent extraction system consisting of Mextral EOL and Cyanex 923**  
*Hydrometallurgy*, .
- <sup>a</sup> Department of Environmental Engineering, Engineering Faculty, Gebze Technical University, 41400 Gebze, Kocaeli, Turkey  
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- 37) Kakisim, A.G., Sogukpinar, I.  
**Unsupervised binary feature construction method for networked data**  
*Expert Systems with Applications*, .
- Gebze Technical University, Computer Engineering, Gebze, Kocaeli, Turkey
- 38) Dede, M.A., Aptoula, E., Genc, Y.  
**Deep Network Ensembles for Aerial Scene Classification**  
*IEEE Geoscience and Remote Sensing Letters*, .
- Gebze Technical University, Kocaeli, 41400, Turkey
- 39) Isik, Z.<sup>a</sup>, Bilici, Z.<sup>a</sup>, Adiguzel, S.K.<sup>b</sup>, Yatmaz, H.C.<sup>c</sup>, Dizge, N.<sup>a</sup>  
**Entrapment of TiO<sub>2</sub> and ZnO powders in alginate beads: Photocatalytic and reuse efficiencies for dye solutions and toxicity effect for DNA damage**  
*Environmental Technology and Innovation*, .
- <sup>a</sup> Department of Environmental Engineering, Mersin University, Mersin, 33343, Turkey  
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- 40) Cetin, K.<sup>a</sup>, Tattlicioglu, E.<sup>a</sup>, Zergeroğlu, E.<sup>b</sup>  
**An Extended Jacobian-Based Formulation for Operational Space Control of Kinematically Redundant Robot Manipulators with Multiple Subtask Objectives: An Adaptive Control Approach**  
*Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, .
- <sup>a</sup> Department of Electrical and Electronics Engineering, Izmir Institute of Technology, Urla, Izmir, 35430, Turkey  
<sup>b</sup> Department of Computer Engineering, Gebze Technical University, Gebze, Kocaeli, 41400, Turkey
- 41) Önal, F.<sup>a</sup>, Maksutoglu, M.<sup>a</sup>, Zarbali, M.<sup>b</sup>, Mikailzade, F.<sup>a</sup>  
**Magnetization and magnetic resonance in sol-gel derived polycrystalline BiFeO<sub>3</sub> film**  
*Journal of Magnetism and Magnetic Materials*, .
- <sup>a</sup> Department of Physics, Gebze Technical University Kocaeli 41400, Turkey  
<sup>b</sup> Department of Physics, Science and Arts Faculty, Harran University, Şanlıurfa, Turkey
- 42) Arie, A.A.<sup>a</sup>, Kristianto, H.<sup>a</sup>, Cengiz, E.C.<sup>b c</sup>, Demir-Cakan, R.<sup>c d</sup>  
**Activated porous carbons originated from the Indonesian snake skin fruit peel as cathode components for lithium sulfur battery**  
*Ionics*, .
- <sup>a</sup> Department of Chemical Engineering, Faculty of Industrial Technology, Parahyangan Catholic University, Ciumbuleuit 94, Bandung, West Java 40141, Indonesia  
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<sup>d</sup> Department of Chemical Engineering, Gebze Technical University, Gebze, Kocaeli 41400, Turkey

- 43) Ghashghaei, E.<sup>a</sup>, Tamer Koşan, M.<sup>b</sup>, Namdari, M.<sup>a</sup>, Yildirim, T.<sup>b</sup>  
**Rings in which every left zero-divisor is also a right zero-divisor and conversely**  
*Journal of Algebra and its Applications*, .
- <sup>a</sup> Department of Mathematics, Shahid Chamran University of Ahvaz, Ahvaz, Iran  
<sup>b</sup> Department of Mathematics, Gebze Technical University, Gebze/Kocaeli, 41400, Turkey
- 44) Durdagi, S.<sup>a b</sup>, Erol, I.<sup>a c</sup>, Salmas, R.E.<sup>a</sup>, Aksoydan, B.<sup>a b</sup>, Kantarcioglu, I.<sup>a d</sup>  
**Oligomerization and cooperativity in GPCRs from the perspective of the angiotensin AT1 and dopamine D2 receptors**  
*Neuroscience Letters*, .
- <sup>a</sup> Computational Biology and Molecular Simulations Laboratory, Department of Biophysics, School of Medicine, Bahcesehir University (BAU), Istanbul, Turkey  
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<sup>c</sup> Department of Chemistry, Gebze Technical UniversityKocaeli, Turkey  
<sup>d</sup> Bioengineering Program, Graduate School of Natural and Applied Sciences, Bahcesehir University, Istanbul, Turkey
- 45) Ismailov, M.I.<sup>a b</sup>, Erkovan, S.<sup>a</sup>  
**Inverse Problem of Finding the Coefficient of the Lowest Term in Two-Dimensional Heat Equation with Ionkin-Type Boundary Condition**  
*Computational Mathematics and Mathematical Physics*, .
- <sup>a</sup> Gebze Technical University, Department of Mathematics, Gebze/Kocaeli, 41400, Turkey  
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- 46) Gokce Polat, E.<sup>a b</sup>, Deger, C.<sup>c</sup>, Yildiz, F.<sup>b</sup>  
**Investigation of ferromagnetic resonance and damping properties of CoFeB**  
*Current Applied Physics*, .
- <sup>a</sup> Department of Engineering Physics, Istanbul Medeniyet University, Uskudar, Istanbul, 34700, Turkey  
<sup>b</sup> Department of Physics, Gebze Technical UniversityKocaeli 41400, Turkey  
<sup>c</sup> Department of Physics, Marmara University, Kadikoy, Istanbul, 34722, Turkey
- 47) Öztürk, H.<sup>a</sup>, Barışçıl, S.<sup>b</sup>, Turkay, O.<sup>c</sup>, Veli, S.<sup>a</sup>  
**Electrocatalytic Degradation of Phenol by the Electrooxidation-Electrocoagulation Hybrid Process: Kinetics and Identification of Degradation Intermediates**  
*Journal of Environmental Engineering (United States)*, .
- <sup>a</sup> Dept. of Environmental Engineering, Kocaeli Univ., Umuttepe, Kocaeli, 41300, Turkey  
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- 48) Ghazal, B.<sup>a</sup>, Husain, A.<sup>a</sup>, Ganesan, A.<sup>a</sup>, Durmuş, M.<sup>b</sup>, Zhang, X.-F.<sup>c</sup>, Makhseed, S.<sup>a</sup>  
**Exceptionally effective generation of singlet oxygen in aqueous media via iodinated zinc-phthalocyanine**  
*Dyes and Pigments*, .
- <sup>a</sup> Department of Chemistry, Kuwait University, P.O. Box 5969, Safat13060, Kuwait  
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<sup>c</sup> MPC Technologies, Hamilton, Ontario L8S 3H4, Canada
- 49) Sarioğulları, H.<sup>a</sup>, Şenocak, A.<sup>a</sup>, Basova, T.<sup>b c</sup>, Demirbaş, E.<sup>a</sup>, Durmuş, M.<sup>a</sup>  
**Effect of different SWCNT-BODIPY hybrid materials for selective and sensitive electrochemical detection of guanine and adenine**  
*Journal of Electroanalytical Chemistry*, .
- <sup>a</sup> Department of Chemistry, Gebze Technical University, Gebze, Kocaeli 41400, Turkey



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- 50) Yuksek, M.<sup>a</sup>, Kaya, E.Ç.<sup>b</sup>, Karabulutlu, N.<sup>a</sup>, Kaya, A.A.<sup>b</sup>, Karabulut, M.<sup>c</sup>, Elmali, A.<sup>d</sup>  
**Enhancing of the nonlinear absorption and optical limiting performances of the phthalocyanine thin films by adding of the single walled carbon nanotubes in poly(methyl methacrylate) host**  
*Optical Materials*, .

<sup>a</sup> Kafkas University, Engineering and Architecture Faculty, Electrical and Electronics Engineering Department, Kars, 36100, Turkey

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- 51) Gulea, A.P.<sup>a</sup>, Graur, V.O.<sup>a</sup>, Chumakov, Y.M.<sup>b c</sup>, Petrenko, P.A.<sup>b</sup>, Balan, G.G.<sup>d</sup>, Burduniuc, O.S.<sup>d e</sup>, Tsapkov, V.I.<sup>a</sup>, Rudic, V.F.<sup>f</sup>  
**Synthesis, Structure, and Biological Activity of Copper and Cobalt Coordination Compounds with Substituted 2-(2-Hydroxybenzylidene)-N-(prop-2-en-1-yl)hydrazinecarbothioamides**  
*Russian Journal of General Chemistry*, .

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- 52) Guran, T.<sup>a</sup>, Yesil, G.<sup>b</sup>, Turan, S.<sup>a</sup>, Atay, Z.<sup>c</sup>, Bozkurtlar, E.<sup>d</sup>, Aghayev, A.<sup>e</sup>, Gul, S.<sup>f</sup>, Tinay, I.<sup>g</sup>, Aru, B.<sup>h</sup>, Arslan, S.<sup>i</sup>, Kutay Koroglu, M.<sup>j</sup>, Ercan, F.<sup>j</sup>, Demirel, G.Y.<sup>h</sup>, Eren, F.S.<sup>d</sup>, Karademir, B.<sup>i</sup>, Bereket, A.<sup>a</sup>  
**PPP2R3C gene variants cause syndromic 46,XY gonadal dysgenesis and impaired spermatogenesis in humans**  
*European Journal of Endocrinology*, .

<sup>a</sup> Department of Paediatric Endocrinology and Diabetes, Marmara University, Turkey

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<sup>i</sup> Department of Biochemistry, Genetic and Metabolic Diseases Research, Investigation Center, Turkey

<sup>j</sup> Department of Histology and Embryology, Marmara University, School of Medicine, Istanbul, Turkey

- 53) Inac, S.<sup>a</sup>, Unverdi, S.O.<sup>b</sup>, Midilli, A.<sup>c</sup>  
**A parametric study on thermodynamic performance of a SOFC oriented hybrid energy system**  
*International Journal of Hydrogen Energy*, .

<sup>a</sup> Energy Institute, TUBITAK Marmara Research Center, P.O. Box 21, Gebze, Kocaeli 41470, Turkey

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- 54) Eserci, H., Şenkuytu, E., Okutan, E.  
**New cyclotriphosphazene based nanotweezers bearing perylene and glycol units and their non-covalent interactions with single walled carbon nanotubes**  
*Journal of Molecular Structure*, .

Department of Chemistry, Faculty of Science, Gebze Technical University, Gebze, Kocaeli, Turkey

- 55) Akkuş, Ü.Ö., Balcı, E., Berber, S.  
**Facile mechanism to induce topological transition in MXene**  
*Applied Surface Science*, .  
 Department of Physics, Gebze Technical University, Gebze, Kocaeli 41400, Turkey
- 56) Keşan, G.<sup>a</sup>, Topaloğlu, B.<sup>a</sup>, Özcan, E.<sup>a</sup>, Kazan, H.H.<sup>b</sup>, Eçik, E.T.<sup>a</sup>, Şenkuytu, E.<sup>a</sup>, Sengul, I.F.<sup>a</sup>, Kandemir, H.<sup>c</sup>, Çoşut, B.<sup>a</sup>  
**Azaindole-BODIPYs: Synthesis, fluorescent recognition of hydrogen sulfate anion and biological evaluation**  
*Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, .  
<sup>a</sup> Department of Chemistry, Faculty of Science, Gebze Technical University, Gebze, Kocaeli, Turkey  
<sup>b</sup> Department of Biological Sciences, Middle East Technical University, Ankara, Turkey  
<sup>c</sup> Department of Chemistry, Faculty of Art and Science, Namık Kemal University, Tekirdag, Turkey
- 57) Bagheri, N.<sup>a</sup>, Dastborhan, M.<sup>a</sup>, Khataee, A.<sup>a b c</sup>, Hassanzadeh, J.<sup>a</sup>, Kobya, M.<sup>d</sup>  
**Synthesis of g-C<sub>3</sub>N<sub>4</sub>@CuMOFs nanocomposite with superior peroxidase mimetic activity for the fluorometric measurement of glucose**  
*Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, .  
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<sup>d</sup> Department of Environmental Engineering, Gebze Technical University, Gebze, 41400, Turkey
- 58) Topal, U.<sup>a</sup>, Can, H.<sup>a b</sup>, Çelik, O.M.<sup>c</sup>, Narman, A.<sup>d</sup>, Kamaş, M.<sup>a</sup>, Çıtak, V.<sup>a</sup>, Çakrak, D.<sup>b</sup>, Sözeri, H.<sup>a</sup>, Svec, P.<sup>e</sup>  
**Design of Fluxgate Sensors for Different Applications from Geology to Medicine**  
*Journal of Superconductivity and Novel Magnetism*, .  
<sup>a</sup> Magnetism Laboratory, TÜBİTAK-UME, P.K. 54, Kocaeli, 41470, Turkey  
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- 59) Maksutoglu, M.<sup>a</sup>, Mikailzade, F.A.<sup>a</sup>, Seyidov, M.Y.<sup>a</sup>, Mammadov, T.G.<sup>b</sup>, Sukhanov, A.A.<sup>c</sup>, Lyadov, N.M.<sup>c</sup>, Valeev, V.F.<sup>c</sup>, Khaibullin, R.I.<sup>c</sup>  
**Magnetic resonance and magnetization studies of Fe implanted TlInS<sub>2</sub> and TiGaSe<sub>2</sub> crystals**  
*Materials Research Express*, .  
<sup>a</sup> Department of Physics, Gebze Technical University, Gebze, Kocaeli, 41400, Turkey  
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- 60) Combes, S.<sup>a b</sup>, Tran, K.T.<sup>a</sup>, Ayhan, M.M.<sup>a c</sup>, Karoui, H.<sup>a</sup>, Rockenbauer, A.<sup>d e</sup>, Tonetto, A.<sup>f</sup>, Monnier, V.<sup>f</sup>, Charles, L.<sup>a</sup>, Rosas, R.<sup>f</sup>, Viel, S.<sup>a g</sup>, Siri, D.<sup>a</sup>, Tordo, P.<sup>a</sup>, Clair, S.<sup>h</sup>, Wang, R.<sup>i</sup>, Bardelang, D.<sup>a</sup>, Ouari, O.<sup>a</sup>  
**Triangular Regulation of Cucurbit[8]uril 1:1 Complexes**  
*Journal of the American Chemical Society*, .  
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<sup>i</sup> State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau, Taipa, Macau

61) Kizil, S., Bulbul Sonmez, H.

**Star PEG-based amphiphilic polymers: synthesis, characterization and swelling behaviors**

*Polymer Bulletin*, .

Department of Chemistry, Gebze Technical University, Gebze, Kocaeli 41400, Turkey

62) Celik, G.<sup>a</sup>, Aitalieva, A.<sup>a</sup>, Celebi, H.<sup>b</sup>

**Comparison of empirical and ray-traced based channel modeling on VHF Band**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

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<sup>b</sup> Department of Computer Engineering, Institute of Information Technologies, Gebze Technical University, Gebze, Kocaeli, Turkey

63) Aldababsa, M., Kucur, O.

**Cooperative NOMA with antenna selection schemes**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

Electronics Engineering, Gebze Technical University, Gebze-Kocaeli, Turkey

64) Koca, M.B., Sevilgen, F.E.

**A novel approach for subgraph isomorphism problem on bipartite graphs [İki Parçalı Çizgeler Üzerinde Alt-Çizge Eşbiçimlilik Problemine Özgün Bir Yaklaşım]**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

Bilgisayar Mühendisliği Bölümü, Gebze Teknik Üniversitesi, Kocaeli, Turkey

65) Turgut, K., Hocaoglu, A.K.

**Comparison of tracking performances of interacting multiple model algorithms under irregular sampling intervals [Etkileşimli Çoklu Model Algoritmalarının Takip Performanslarının Ölçüm Aralıklarının Düzensiz Olması Durumu için Karşılaştırması]**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

Gebze Teknik Üniversitesi, Elektronik Mühendisliği, Kocaeli, Turkey

66) Turgut, K., Hocaoglu, A.K.

**An improved FastIMM algorithm based on fading memory filter model [Zayıflayan Hafıza Filtre Modeline dayalı Geliştirilmiş FastIMM Algoritması]**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

Gebze Teknik Üniversitesi, Elektronik Mühendisliği, Kocaeli, Turkey

67) Sahin, S., Hocaoglu, A.K.

**Non-negative matrix factorization method for ground penetrating radar images [Yere nüfuz eden radar görüntülerinde negatif olmayan matrisi Çarpanlarına ayırma yöntemi]**

*27th Signal Processing and Communications Applications Conference, SIU 2019*, .

Elektronik Mühendisliği, Gebze Teknik Üniversitesi, Kocaeli, Turkey

68) Turkmenli, I., Kayabol, K.

**Ensemble learning based classification of high resolution SAR images [Yüksek çözünürlüklü SAR imgelerinin topluluk öğrenmesine dayali siniflandırılması]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

Elektronik Mühendisliği Bölümü, Gebze Teknik Üniversitesi, Gebze, Turkey

69) Al Nahas, A., Tunali, M.S., Akgul, Y.S.

**Supervised text style transfer using neural machine translation: Converting between old and modern Turkish as an example**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

Department of Computer Engineering, Gebze Technical University, Kocaeli, Turkey

70) Aldababsa, M., Kucur, O.

**Outage performance of NOMA with majority based TAS/MRC scheme in rayleigh fading channels**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

Electronics Engineering, Gebze Technical University, Gebze-Kocaeli, Turkey

71) Demirkol, B.<sup>a</sup>, Toka, M.<sup>a b</sup>, Kucur, O.<sup>a</sup>

**Outage probability of max-max antenna selection in dual-hop full duplex amplify-and-forward relaying network over nakagami-m fading channel [Maks-Maks Anten Seciminin Tam-Cift Yonlu Kuvvetlendir-ve-Aktar Tipi Roleli Ağlarda Nakagami-m Sonumlemeli Kanallar icin Kesinti Olasiliği]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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<sup>b</sup> Gebze Teknik Üniversitesi, Niğde Ömer Halisdemir Üniversitesi, Elektronik Mühendisliği Bölümü, Gebze-Kocaeli, Turkey

72) Seker, A.A., Gozel, T., Hocaoglu, M.H.

**Maximizing DG penetration with an analytical approach and artificial bee colony algorithm**

*Proceedings - 2019 6th International Conference on Electrical and Electronics Engineering, ICEEE 2019, .*

Electronics Engineering Dept., Gebze Technical University, Kocaeli, Turkey

73) Ustaoglu, E., Aydinoglu, A.C.

**Regional variations of land-use development and land-use/cover change dynamics: A case study of Turkey Remote Sensing, .**

Department of Geomatics Engineering, Gebze Technical University Gebze, Kocaeli, 41400, Turkey

74) Küçük, T.<sup>a</sup>, Alpugan, S.<sup>a</sup>, Davarci, D.<sup>a</sup>, Pehlivan, E.G.<sup>b</sup>, Bayır, S.<sup>a</sup>, Tazebay, U.H.<sup>b</sup>, Dumoulin, F.<sup>a</sup>

**Photoproperties, PVP formulation and <sup>19</sup>F NMR of a Zn phthalocyanine with 24 magnetically pseudo-equivalent fluorine atoms**

*Journal of Porphyrins and Phthalocyanines, .*

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<sup>b</sup> Gebze Technical University, Molecular Biology and Genetics Department, Gebze Kocaeli, 41400, Turkey

75) Dindaş, G.B.<sup>a</sup>, Şahin, Z.<sup>b</sup>, Cengiz Yatmaz, H.<sup>a</sup>, Işci, U.<sup>b</sup>

**Cobalt phthalocyanine-TiO<sub>2</sub> nanocomposites for photocatalytic remediation of textile dyes under visible light irradiation**

*Journal of Porphyrins and Phthalocyanines, .*

<sup>a</sup> Gebze Technical University, Environmental Engineering Department, Gebze Kocaeli, 41400, Turkey

<sup>b</sup> Gebze Technical University, Chemistry Department, Gebze Kocaeli, 41400, Turkey

- 76) Erdogan, H.  
**One small step for cytochrome P450 in its catalytic cycle, one giant leap for enzymology**  
*Journal of Porphyrins and Phthalocyanines*, .  
  
Department of Chemistry, Gebze Technical University, Gebze, Kocaeli, 41400, Turkey
- 77) Kuram, E.  
**Overhang length effect during micro-milling of Inconel 718 superalloy**  
*Journal of the Brazilian Society of Mechanical Sciences and Engineering*, .  
  
Department of Mechanical Engineering, Gebze Technical University, Gebze, Kocaeli 41400, Turkey
- 78) Omwene, P.I.<sup>a</sup>, Öncel, M.S.<sup>a</sup>, Çelen, M.<sup>b</sup>, Kobya, M.<sup>a</sup>  
**Influence of arsenic and boron on the water quality index in mining stressed catchments of Emet and Orhaneli streams (Turkey)**  
*Environmental Monitoring and Assessment*, .  
  
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- 79) Dahir, M.H., Alizadeh, H., Gözüpek, D.  
**Energy efficient virtual network embedding for federated software-defined networks**  
*International Journal of Communication Systems*, .  
  
Department of Computer Engineering, Gebze Technical University, Kocaeli, Turkey
- 80) Sakar, H., Celik, I., Balcik-Canbolat, C., Keskinler, B., Karagunduz, A.  
**Ammonium removal and recovery from real digestate wastewater by a modified operational method of membrane capacitive deionization unit**  
*Journal of Cleaner Production*, .  
  
Gebze Technical University, Department of Environmental Engineering, Gebze, Kocaeli 41400, Turkey
- 81) Kemerli-Kalbaran, T., Ozdemir, M.  
**Multi-response optimization of oil extraction from pine nut (*Pinus pinea* L.) by response surface methodology: Extraction efficiency, physicochemical properties and antioxidant activity**  
*LWT*, .  
  
Department of Chemical Engineering, Gebze Technical University, Gebze, Kocaeli 41400, Turkey
- 82) Tombak, A.<sup>a</sup>, Turkmenli, I.<sup>a</sup>, Aptoula, E.<sup>b</sup>, Kayabol, K.<sup>a</sup>  
**Pixel-Based Classification of SAR Images Using Feature Attribute Profiles**  
*IEEE Geoscience and Remote Sensing Letters*, .  
  
<sup>a</sup> Electronics Engineering Department, Gebze Technical University, Kocaeli, 41400, Turkey  
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- 83) Kuram, E.  
**Thermal and water ageing effect on mechanical, rheological and morphological properties of glass-fibre-reinforced poly(oxymethylene) composite**  
*Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, .  
  
Department of Mechanical Engineering, Gebze Technical University, Gebze, Kocaeli, Turkey
- 84) Toka, M.<sup>a b</sup>, Kucur, O.<sup>a</sup>, Demirkol, B.<sup>a</sup>  
**Outage performance of OSTBC-NOMA system in the presence of channel estimation error and feedback delay**

**[OSTBC-NOMA Sisteminin kanal kestirim hatası ve geribesleme gecikmesi varlığında kesinti performansı]**  
*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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<sup>b</sup> Gebze Teknik Üniversitesi, Elektronik Mühendisliği Bölümü, Nigde Omer Halisdemir Üniversitesi, Nigde, Turkey

85) Cekinel, R.F.<sup>a</sup>, Agriman, M.<sup>a</sup>, Karagoz, P.<sup>a</sup>, Yilmaz, B.<sup>b</sup>

**Named entity recognition with conditional random fields on Turkish news dataset: Revisiting the features [Türkçe Haber Metinlerinde Şartlı Rastgele Alanlar ile Varlık İsmi Tanıma: Ozniteliklerin Gözden Geçirilmesi]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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<sup>b</sup> Gebze Teknik Üniversitesi Bilişim Teknolojileri Enstitüsü, Turkey

86) Fidan, E.<sup>a</sup>, Kucur, O.<sup>b</sup>

**On relay selection for NOMA based cooperative networks [NOMA tabanlı işbirlikli ağlarda role secimi]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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87) Karakoc, E.<sup>a</sup>, Yilmaz, B.<sup>b</sup>

**Deep learning based abstractive Turkish news summarization [Derin Öğrenme Tabanlı Yoruma Dayalı Türkçe Haber Özetleme]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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<sup>b</sup> Gebze Teknik Üniversitesi, Bilişim Teknolojileri Enstitüsü, Kocaeli, Turkey

88) Durmaz, M.A.<sup>a</sup>, Goztepe, C.<sup>a</sup>, Kurt, G.K.<sup>a</sup>, Toka, M.<sup>b</sup>, Kucur, O.<sup>b</sup>

**Non-orthogonal multiple access system implementation in software defined radios [Yazılım tabanlı radyolarda dikgen olmayan çoklu erişim sistem gerçekleştirilmesi]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

<sup>a</sup> İstanbul Teknik Üniversitesi, İstanbul, Turkey

<sup>b</sup> Gebze Teknik Üniversitesi, Kocaeli, Turkey

89) Huseynov, F.<sup>a b</sup>, Özkan Yıldırım, S.<sup>a</sup>

**Online Consumer Typologies and Their Shopping Behaviors in B2C E-Commerce Platforms**

*SAGE Open, .*

<sup>a</sup> Middle East Technical University, Ankara, Turkey

<sup>b</sup> Gebze Technical University, Kocaeli, Turkey

90) Şahin, B.<sup>a</sup>, Ongun, M.Z.<sup>b</sup>, Topal, S.Z.<sup>a</sup>, Gürek, A.G.<sup>a</sup>, Atilla, D.<sup>a</sup>

**Novel axially-substituted silicon phthalocyanines with pH-modulated fluorescence ON/OFF switching properties**

*Journal of Porphyrins and Phthalocyanines, .*

<sup>a</sup> Gebze Technical University, Faculty of Science, Department of Chemistry, Gebze, Kocaeli, 41400, Turkey

<sup>b</sup> Dokuz Eylül University, Chemistry Technology Program, İzmir Vocational High School, İzmir, 35160, Turkey

91) Durdagi, S.<sup>a b</sup>, Dogan, B.<sup>a</sup>, Erol, I.<sup>a c</sup>, Kayık, G.<sup>a</sup>, Aksoydan, B.<sup>a b</sup>

**Current status of multiscale simulations on GPCRs**

*Current Opinion in Structural Biology, .*

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92) Hatun, E.<sup>a</sup>, Buyukkaya, E.<sup>b</sup>, Evci, M.A.<sup>c</sup>

**Side channel analysis of raspberry Pi with AES algorithm and measurement improvement [Raspberry pi üzerinde AES algoritmasının yan kanal analizi ve ölçüm iyileştirme]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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93) Kuyumcu, B.<sup>a</sup>, Buluz, B.<sup>b</sup>, Komecoglu, Y.<sup>c</sup>

**Author identification in Turkish documents with ridge regression analysis [Ridge Regresyon Analizi ile Türkçe Dokümanlarda Yazar Tanima]**

*27th Signal Processing and Communications Applications Conference, SIU 2019, .*

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<sup>c</sup> Araştırma Ve Geliştirme Birimi, Kodiks Bilişim, Istanbul, Turkey

94) Kus, F.<sup>a b</sup>, Tasaltin, C.<sup>a</sup>, Albakour, M.<sup>c</sup>, Gürek, A.G.<sup>c</sup>, Gürol, I.<sup>a</sup>

**Macromolecular hexa-asymmetric zinc(II) phthalocyanines bearing triazole-modified triphenylene core: Synthesis, spectroscopy and analysis towards volatile organic compounds on Surface Acoustic Wave devices**

*Journal of Porphyrins and Phthalocyanines, .*

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95) Aliosman, M.<sup>a</sup>, Angelov, I.<sup>a</sup>, Mitrev, Y.<sup>a</sup>, Iliev, I.<sup>b</sup>, Durmuş, M.<sup>c</sup>, Mantareva, V.<sup>a</sup>

**Novel Zn(II) phthalocyanine with tyrosine moieties for photodynamic therapy: Synthesis and comparative study of light-associated properties**

*Polyhedron, .*

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96) Ünsal, S.G.<sup>a c</sup>, Çiftçi, Y.Ö.<sup>a</sup>, Eken, B.U.<sup>a b</sup>, Velioğlu, E.<sup>b</sup>, Di Marco, G.<sup>c</sup>, Gismondi, A.<sup>c</sup>, Canini, A.<sup>c</sup>

**Intraspecific discrimination study of wild cherry populations from North-Western Turkey by DNA barcoding approach**

*Tree Genetics and Genomes, .*

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<sup>c</sup> Republic of Turkey General Directorate of Forestry, Poplar and Rapidly Developing Forest Trees Research Institute, Kocaeli, 41140, Turkey

97) Can, O.T.<sup>a</sup>, Gengec, E.<sup>b</sup>, Kobya, M.<sup>c</sup>

**TOC and COD removal from instant coffee and coffee products production wastewater by chemical coagulation assisted electrooxidation**

*Journal of Water Process Engineering, .*

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<sup>b</sup> Kocaeli University, Department of Environmental Protection, Kartepe Kocaeli, 41285, Turkey

<sup>c</sup> Gebze Technical University, Department of Environmental Engineering, Gebze Kocaeli, 41400, Turkey

98) Gözüpek, D.<sup>a</sup>, Shalom, M.<sup>b c</sup>

**Complexity of edge coloring with minimum reload/changeover costs**  
*Networks*, .

<sup>a</sup> Department of Computer Engineering, Gebze Technical University, Kocaeli, Turkey

<sup>b</sup> Department of Computer Science, TelHai Academic College, Israel

<sup>c</sup> Department of Industrial Engineering, Bogazici University, Istanbul, Turkey

99) Sertlek, H.Ö.<sup>a b</sup>, Slabbekoorn, H.<sup>a</sup>, ten Cate, C.<sup>a</sup>, Ainslie, M.A.<sup>c</sup>

**Source specific sound mapping: Spatial, temporal and spectral distribution of sound in the Dutch North Sea**  
*Environmental Pollution*, .

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<sup>b</sup> Gebze Technical University, Electronics Engineering Department, P.O. Box 141, Gebze, 41400, Turkey

<sup>c</sup> TNO Acoustics and Sonar, The Hague, Netherlands

100) Hazanee, A.<sup>a</sup>, Lesnic, D.<sup>b</sup>, Ismailov, M.I.<sup>c</sup>, Kerimov, N.B.<sup>d</sup>

**Inverse time-dependent source problems for the heat equation with nonlocal boundary conditions**  
*Applied Mathematics and Computation*, .

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<sup>c</sup> Department of Mathematics, Gebze Technical University, Gebze, Kocaeli 41400, Turkey

<sup>d</sup> Department of Mathematics, Khazar University, Baku, AZ 1096, Azerbaijan

101) Özcan, E.<sup>a b c</sup>, Selvi, S.S.<sup>b</sup>, Nikerel, E.<sup>d</sup>, Teusink, B.<sup>c</sup>, Toksoy Öner, E.<sup>b</sup>, Çakır, T.<sup>a</sup>

**A genome-scale metabolic network of the aroma bacterium *Leuconostoc mesenteroides* subsp. *cremoris***  
*Applied Microbiology and Biotechnology*, .

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<sup>c</sup> Systems Bioinformatics, Amsterdam Institute for Molecules, Medicines and Systems, VU Amsterdam, Amsterdam, Netherlands

<sup>d</sup> Genetics and Bioengineering Department, Yeditepe University, Istanbul, Turkey

102) Önal, E.<sup>a b</sup>, Fidan, I.<sup>a</sup>, Luneau, D.<sup>c</sup>, Hirel, C.<sup>a d</sup>

**Through the challenging synthesis of tetraphenylporphyrin derivatives bearing nitroxide moieties**  
*Journal of Porphyrins and Phthalocyanines*, .

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