

## Publications 2017

Ganesh, V., Shkir, M., AlFaify, S., Yahia, I.S., Zahran, H.Y., El-Rehim, A.F.A.

Study on structural, linear and nonlinear optical properties of spin coated N doped CdO thin films for optoelectronic applications

(2017) 1150, pp. 523-530.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029447979&doi=10.1016%2fj.molstruc.2017.08.047&partnerID=40&md5=042c864747c333139fd04928c1da1f8e>

DOI: 10.1016/j.molstruc.2017.08.047

Wageh, S., Farooq, W.A., Tataroğlu, A., Dere, A., Al-Sehemi, A.G., Al-Ghamdi, A.A., Yakuphanoglu, F.

A photodiode based on PbS nanocrystallites for FYTRONIX solar panel automatic tracking controller

(2017) 527, pp. 44-51.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030662189&doi=10.1016%2fj.physb.2017.09.114&partnerID=40&md5=691fff3a2d6b4aa02e2688939b7d9487>

DOI: 10.1016/j.physb.2017.09.114

Ali, F.M., Ashraf, I.M., Alqahtani, S.M.

Promising Cu-doped polyvinyl alcohol films for optical and photoconductive applications

(2017) 527, pp. 24-29.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030567704&doi=10.1016%2fj.physb.2017.09.107&partnerID=40&md5=5b845fd8a1cd521442315cb473774f5d>

DOI: 10.1016/j.physb.2017.09.107

Ahmed, R., Masuri, N.S., Ul Haq, B., Shaari, A., AlFaifi, S., Butt, F.K., Muhamad, M.N., Ahmed, M., Tahir, S.A.

Investigations of electronic and thermoelectric properties of half-Heusler alloys XMgN (X = Li, Na, K) by first-principles calculations

(2017) 136, pp. 196-203.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030683807&doi=10.1016%2fj.matdes.2017.09.038&partnerID=40&md5=ec69b226d386575c20cd406622aa3195>

DOI: 10.1016/j.matdes.2017.09.038

AL-Wafi, R., Jafer, R., Yahia, I.S., Al-Ghamdi, A.A., Al-ghamdi, M.A., El-Naggar, A.M.

Fast and easy synthesis of novel Strontium apatite nanostructured phase: Structure, spectroscopy, and dielectric analysis

(2017) 43 (18), pp. 17153-17159.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029610604&doi=10.1016%2fj.ceramint.2017.09.137&partnerID=40&md5=2a8a723b1f7ededcc3acd78a80926e3f>

DOI: 10.1016/j.ceramint.2017.09.137

Ibrahim, A.A., Ahmad, R., Umar, A., Al-Assiri, M.S., Al-Salami, A.E., Kumar, R., Ansari, S.G., Baskoutas, S.

Two-dimensional ytterbium oxide nanodisks based biosensor for selective detection of urea

(2017) 98, pp. 254-260.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021742079&doi=10.1016%2fj.bios.2017.06.015&partnerID=40&md5=36ae97497554ac9f9c4eab34666cf384>

DOI: 10.1016/j.bios.2017.06.015

Bani-Fwaz, M.Z., Fazary, A.E., Becker, G.

Crystal structures and quantum chemical calculations of dichloro[4-(dimethylamino)phenyl]arsine and tris[4-(dimethylamino)phenyl]arsine

(2017) 1149, pp. 560-568.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028089865&doi=10.1016%2fj.molstruc.2017.08.020&partnerID=40&md5=2865aebbd98cdd93817d365634876ff1>

DOI: 10.1016/j.molstruc.2017.08.020

Dahshan, A., Hegazy, H.H., Aly, K.A., Sharma, P.

Semiconducting Ge-Se-Sb-Ag chalcogenides as prospective materials for thermoelectric applications  
(2017) 526, pp. 117-121.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030100021&doi=10.1016%2fj.physb.2017.09.097&partnerID=40&md5=ad5c6f88c2de1c64169f92c0963e9b9a>

DOI: 10.1016/j.physb.2017.09.097

Kumar, K.D.A., Valanarasu, S., Kathalingam, A., Ganesh, V., Shkir, M., AlFaify, S.

Effect of solvents on sol-gel spin-coated nanostructured Al-doped ZnO thin films: a film for key optoelectronic applications

(2017) 123 (12), art. no. 801, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036476511&doi=10.1007%2fs00339-017-1426-z&partnerID=40&md5=e5f0af1a91c98b97c45fc173398e32bd>

DOI: 10.1007/s00339-017-1426-z

Al-salami, A.E., Dahshan, A., Shaaban, E.R.

Effect of film thickness on structural and optical properties of Cd-Zn-Te grown on glass and ITO substrates using electron beam evaporation

(2017) 150, pp. 34-47.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030184506&doi=10.1016%2fj.ijleo.2017.09.062&partnerID=40&md5=0111d529f17f18f03ec2848504eab829>

DOI: 10.1016/j.ijleo.2017.09.062

Alharbi, S.R., El-Rahman, K.F.A.

Gamma irradiation effects on the linear and nonlinear optical properties of noncrystalline Sb<sub>2</sub>S<sub>3</sub> films  
(2017) 14 (12), pp. 529-537.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038423767&partnerID=40&md5=bcc0214db252c9c22a59df1a18e24ac7>

Maidur, S.R., Patil, P.S., Rao, S.V., Shkir, M., Dharmaprakash, S.M.

Experimental and computational studies on second-and third-order nonlinear optical properties of a novel D- $\pi$ -A type chalcone derivative: 3-(4-methoxyphenyl)-1-(4-nitrophenyl) prop-2-en-1-one  
(2017) 97, pp. 219-228.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024896456&doi=10.1016%2fj.optlastec.2017.07.003&partnerID=40&md5=e6cd3a9d7a1ebb4eb974a97fce2e76e9>

DOI: 10.1016/j.optlastec.2017.07.003

Nasr, T., Bondock, S., Youns, M., Fayad, W., Zaghary, W.

Synthesis, antitumor evaluation and microarray study of some new pyrazolo[3,4-d][1,2,3]triazine derivatives

(2017) 141, pp. 603-614.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032293506&doi=10.1016%2fj.ejmech.2017.10.016&partnerID=40&md5=37cf20440cb54ebeacf4f9748dd278c7>

DOI: 10.1016/j.ejmech.2017.10.016

Touati, B., Gassoumi, A., Kamoun Turki, N.

Structural, optical and electrical properties of Ag doped PbS thin films: role of Ag concentration

(2017) 28 (24), pp. 18387-18395.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028574308&doi=10.1007%2fs10854-017-7785-6&partnerID=40&md5=15e84936458a3a4798d2a481981cc875>

DOI: 10.1007/s10854-017-7785-6

Abou Melha, K.S.A., Al-Hazmi, G.A.A., Refat, M.S.

Synthesis of Nano-Metric Gold Complexes with New Schiff Bases Derived from 4-Aminoantiprene, Their Structures and Anticancer Activity

(2017) 87 (12), pp. 3043-3051.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042095476&doi=10.1134%2fS1070363217120519&partnerID=40&md5=3c2f96e34a71d3660b82034e2b4da478>

DOI: 10.1134/S1070363217120519

Shkir, M., Kilany, M., Yahia, I.S.

Facile microwave-assisted synthesis of tungsten-doped hydroxyapatite nanorods: A systematic structural, morphological, dielectric, radiation and microbial activity studies

(2017) 43 (17), pp. 14923-14931.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026654602&doi=10.1016%2fj.ceramint.2017.08.009&partnerID=40&md5=a00e34e6147afc5120dad53893a8411e>

DOI: 10.1016/j.ceramint.2017.08.009

Elkady, M.F., Hassan, H.S., Amer, W.A., Salama, E., Algarni, H., Shaaban, E.R.

Novel magnetic zinc oxide nanotubes for phenol adsorption: Mechanism modeling

(2017) 10 (12), art. no. 1355, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034960212&doi=10.3390%2fma10121355&partnerID=40&md5=807fc3443e7d92f625dee9b74cd8dc8c>

DOI: 10.3390/ma10121355

Umar, A., Kim, S.H., Kumar, R., Al-Assiri, M.S., Al-Salami, A.E., Ibrahim, A.A., Baskoutas, S.

In-doped ZnO hexagonal stepped nanorods and nanodisks as potential scaffold for highly-sensitive phenyl hydrazine chemical sensors

(2017) 10 (11), art. no. 1337, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034949908&doi=10.3390%2fma10111337&partnerID=40&md5=49b7ee636f97b966cfd2e00fb2c0265c>

DOI: 10.3390/ma10111337

Tajammal, A., Batool, M., Ramzan, A., Samra, M.M., Mahnoor, I., Verpoort, F., Irfan, A., Al-Sehemi, A.G., Munawar, M.A., Basra, M.A.R.

Synthesis, antihyperglycemic activity and computational studies of antioxidant chalcones and flavanones derived from 2,5 dihydroxyacetophenone

(2017) 1148, pp. 512-520.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026422459&doi=10.1016%2fj.molstruc.2017.07.042&partnerID=40&md5=aa20923715ad343181dfa8880df91afe>

DOI: 10.1016/j.molstruc.2017.07.042

Irfan, A., Muhammad, S., Chaudhry, A.R., Al-Sehemi, A.G., Jin, R.

Tuning of optoelectronic and charge transport properties in star shaped anthracenothiophene-pyrimidine derivatives as multifunctional materials

(2017) 149, pp. 321-331.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029796502&doi=10.1016%2fj.ijleo.2017.09.065&partnerID=40&md5=049959475115b1bd0d98bcaf2a9d4dd6>

DOI: 10.1016/j.ijleo.2017.09.065

Irfan, A., Chaudhry, A.R., Jin, R., Al-Sehemi, A.G., Muhammad, S., Tang, S.

Exploring the charge transfer nature and electro-optical properties of anthracene based sensitizers @TiO<sub>2</sub> cluster

(2017) 80, pp. 239-246.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026216535&doi=10.1016%2fj.ijleo.2017.07.003&partnerID=40&md5=0624c5ab0e122e0864b29ef259bdb8c9>

DOI: 10.1016/j.jtice.2017.07.003

Brima, E.I., AlBishri, H.M.

Correction to: Major and trace elements in water from different sources in Jeddah City, KSA (Arab J Geosci (2017), 10.1007/s12517-017-3221-8)

(2017) 10 (21), art. no. 475, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034241053&doi=10.1007%2fs12517-017-3249-9&partnerID=40&md5=466f655540c967c6d71f5cc936a34bb0>

DOI: 10.1007/s12517-017-3249-9

Kalam, A., Al-Sehemi, A.G., Alrumman, S., Du, G., Pannipara, M., Assiri, M., Almalki, H., Moustafa, M.F.

Colorimetric Sensing of Toxic Metal and Antibacterial Studies by Using Bioextract Synthesized Silver Nanoparticles

(2017) 27 (6), pp. 2045-2050.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026913830&doi=10.1007%2fs10895-017-2143-x&partnerID=40&md5=39ad3dddc57da3faa3da432dddb8aae>

DOI: 10.1007/s10895-017-2143-x

Jouili, A., Mansouri, S., Al-Sehemi, A.G., Al-Ghamdi, A.A., Mir, L.E., Yakuphanoglu, F.

Numerical studies of surface potential, mobility and Seebeck coefficient of organic thin film transistor based on 2,3 benzanthracene: Light effect

(2017) 233, pp. 119-126.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032026673&doi=10.1016%2fj.synthmet.2017.10.006&partnerID=40&md5=88453a89f78bf3099a03bb3ce99a7f0>

DOI: 10.1016/j.synthmet.2017.10.006

Algarni, H., Al-Hagan, O.A., Bouarissa, N., Khan, M.A., Alhuwaymel, T.F.

Dependence on pressure of the elastic parameters and microhardness of InSb

(2017) 86, pp. 176-180.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029686882&doi=10.1016%2fj.infrared.2017.09.012&partnerID=40&md5=3b0c0b6c7a984a4e15663d5b756400b1>

DOI: 10.1016/j.infrared.2017.09.012

Al-Fahemi, J.H., Saad, F.A., El-Metwaly, N.M., Farghaly, T.A., Elghalban, M.G., Saleh, K.A., Al-Hazmi, G.A.

Synthesis of Co(II), Cu(II), Hg(II), UO<sub>2</sub>(II) and Pb(II) binuclear nanometric complexes from multi-donor ligand: Spectral, modeling, quantitative structure–activity relationship, docking and antitumor studies

(2017) 31 (11), art. no. e3787, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019471302&doi=10.1002%2faoc.3787&partnerID=40&md5=e9ab4be442c819d91506f7214fe6883a>

DOI: 10.1002/aoc.3787

Keshk, S.M.A.S., Ramadan, A.M., Al-Sehemi, A.G., Irfan, A., Bondock, S.

An unexpected reactivity during periodate oxidation of chitosan and the affinity of its 2, 3-di-aldehyde toward sulfa drugs

(2017) 175, pp. 565-574.



<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027493818&doi=10.1016%2fj.carbpol.2017.08.027&partnerID=40&md5=807fee327f453e121dc156619bb3f755>

DOI: 10.1016/j.carbpol.2017.08.027

Bouzidi, A., Yahia, I.S., El-Sadek, M.S.A.

Novel and highly stable indigo (C.I. Vat Blue I) organic semiconductor dye: Crystal structure, optically diffused reflectance and the electrical conductivity/dielectric behaviors

(2017) 146, pp. 66-72.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021397132&doi=10.1016%2fj.dyepig.2017.06.046&partnerID=40&md5=86df271c523c451889e05b34931e68f0>

DOI: 10.1016/j.dyepig.2017.06.046

Farag, A.A.M., Yahia, I.S., Jafer, R., Iqbal, J., Zahran, H.Y., Chusnutdinow, S., Wojtowicz, T., Karczewski, G., El-Naggar, A.M.

Influence of frequency and applied voltage on electrical characterization of p-ZnTe:N/CdTe:Mg/n-CdTe:I/GaAs grown by molecular beam epitaxy

(2017) 201, pp. 354-361.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029397641&doi=10.1016%2fj.matchemphys.2017.06.061&partnerID=40&md5=ef5f9bf0ecfba62e8d9c068adec67def>

DOI: 10.1016/j.matchemphys.2017.06.061

Bani-Fwaz, M.Z., Fazary, A.E., Becker, G.

Synthesis, crystal structures, and quantum chemical calculations of trialkyl-substituted 1λ3,3λ3,5λ3-triphospha dewarbenzenes

(2017) 1146, pp. 380-401.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020422755&doi=10.1016%2fj.molstruc.2017.05.144&partnerID=40&md5=2b48c9f9eb0e000f2688f47d9da10e67>

DOI: 10.1016/j.molstruc.2017.05.144

Algarni, H., Umar, A., Kim, S.H., Al-Assiri, M.S., Al-Salami, A.E.

Highly stable field emission properties from well-crystalline 6-Fold symmetrical hierarchical ZnO nanostructures

(2017) 43 (15), pp. 11753-11758.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020908139&doi=10.1016%2fj.ceramint.2017.06.010&partnerID=40&md5=461caa2a624a7714b87e1a8a8948edc8>

DOI: 10.1016/j.ceramint.2017.06.010

Brima, E.I.

Toxic elements in different medicinal plants and the impact on human health

(2017) 14 (10), art. no. 1209, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031407730&doi=10.3390%2fijerph14101209&partnerID=40&md5=ec11ee36265d48ca123f9cb1c79532e5>

DOI: 10.3390/ijerph14101209

Raizah, Z.A.S.

Mixed convection in a lid-driven cavity filled by a nanofluid with an inside circular cylinder

(2017) 6 (5), pp. 927-939.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046471981&doi=10.1166%2fjon.2017.1390&partnerID=40&md5=d865f1aa64f0d5275e7e78a085231873>

DOI: 10.1166/jon.2017.1390

Brima, E.I., AlBishri, H.M.

Major and trace elements in water from different sources in Jeddah City, KSA

(2017) 10 (19), art. no. 436, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030856671&doi=10.1007%2fs12517-017-3221-8&partnerID=40&md5=e91b2dae64e2dda1d45a50215d2cc1fa>

DOI: 10.1007/s12517-017-3221-8

Sirajuddin Nayab, P., Shkir, M., Gull, P., AlFaify, S.

A highly sensitive “Off-On” optical and fluorescent chemodosimeter for detecting iron (III) and its application in practical samples: An investigation of Fe<sup>3+</sup> induced oxidation by mass spectrometry

(2017) 347, pp. 209-217.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027883478&doi=10.1016%2fj.jphotochem.2017.07.048&partnerID=40&md5=31aae5064359bf0a9d83cb2393e71ace>

DOI: 10.1016/j.jphotochem.2017.07.048

Yahia, I.S., Zahran, H.Y., Alamri, F.H.

Linear and nonlinear optics of pyronin Y/flexible polymer substrate for flexible organic technology: New optical approach

(2017) 95, pp. 124-132.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019066399&doi=10.1016%2fj.optlastec.2017.03.047&partnerID=40&md5=da0157f084b521a7a753e1eaf5c4b0fd>

DOI: 10.1016/j.optlastec.2017.03.047

Mensah-Darkwa, K., Ocaya, R., Dere, A., Al-Sehemi, A.G., Al-Ghamdi, A.A., Soyulu, M., Gupta, R.K., Yakuphanoglu, F.

Dye based photodiodes for solar energy applications

(2017) 123 (10), art. no. 622, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029024443&doi=10.1007%2fs00339-017-1221-x&partnerID=40&md5=27ecd22a318eb4ec40e048d0e7b1ff30>

DOI: 10.1007/s00339-017-1221-x

Algarni, H., Badran, R.I., Khan, M.A., Hassen, F., Kim, S.H., Umar, A.

Fabrication and temperature dependent electrical characterization of n-ZnO nanowires/p-Si substrate heterojunction diodes

(2017) 12 (10), pp. 1162-1166.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041100104&doi=10.1166%2fjno.2017.2140&partnerID=40&md5=298808038e9c4f42a03070b7a8fa2f1a>

DOI: 10.1166/jno.2017.2140

Pannipara, M., Al-Sehemi, A.G., Kalam, A., Asiri, A.M.

Naphthalene based AIE active stimuli-responsive material as rewritable media for temporary communication

(2017) 72, pp. 442-446.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021391542&doi=10.1016%2fj.optmat.2017.06.037&partnerID=40&md5=eda0e0b4995cbb2d939b95ae88a281b7>

DOI: 10.1016/j.optmat.2017.06.037

Patil, P.S., Shkir, M., Maidur, S.R., AlFaify, S., Arora, M., Rao, S.V., Abbas, H., Ganesh, V.

Key functions analysis of a novel nonlinear optical D- $\pi$ -A bridge type (2E)-3-(4-Methylphenyl)-1-(3-nitrophenyl) prop-2-en-1-one chalcone: An experimental and theoretical approach

(2017) 72, pp. 427-435.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021349654&doi=10.1016%2fj.optmat.2017.06.038&partnerID=40&md5=b0e05c03011eae3a2bbeaebcb00d5c52>

DOI: 10.1016/j.optmat.2017.06.038

Ocaya, R.O., Dere, A., Al-Sehemi, A.G., Al-Ghamdi, A.A., Soylu, M., Yakuphanoglu, F.

Analysis of photoconductive mechanisms of organic-on-inorganic photodiodes

(2017) 93, pp. 284-290.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021694740&doi=10.1016%2fj.physe.2017.06.024&partnerID=40&md5=e141bcae15d4a7321e9c388688695053>

DOI: 10.1016/j.physe.2017.06.024

Dere, A., Tataroğlu, A., Al-Sehemi, A.G., Al-Ghamdi, A.A., El-Tantawy, F.F., Farooq, W.A., Yakuphanoglu, F.

A functional material based photodiode for solar tracking systems

(2017) 520, pp. 76-81.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020480081&doi=10.1016%2fj.physb.2017.04.013&partnerID=40&md5=c6682a3887b892a1ab73262cb69dbb0c>

DOI: 10.1016/j.physb.2017.04.013

Abutalib, M.M., Yahia, I.S.

Novel and facile microwave-assisted synthesis of Mo-doped hydroxyapatite nanorods: Characterization, gamma absorption coefficient, and bioactivity

(2017) 78, pp. 1093-1100.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018390687&doi=10.1016%2fj.msec.2017.04.131&partnerID=40&md5=cd6303d634af4c9cab679a34024955d3>

DOI: 10.1016/j.msec.2017.04.131

El-Aziz, M.A.B.D., Yahya, A.S.

Heat and mass transfer of unsteady hydromagnetic free convection flow through porous medium past a vertical plate with uniform surface heat flux

(2017) 47 (3), pp. 25-58.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030703229&doi=10.1515%2fjtam-2017-0013&partnerID=40&md5=60463fb8096c49bec1271c7c0f609a92>

DOI: 10.1515/jtam-2017-0013

Gomha, S.M., El-Hashash, M.A., Edrees, M.M., El-Arab, E.E.

Synthesis, Characterization, and Molecular Docking of Novel bis-thiazolyl Thienothiophene Derivatives as Promising Cytotoxic Antitumor Drug

(2017) 54 (5), pp. 2686-2695.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017587791&doi=10.1002%2fjhet.2869&partnerID=40&md5=53623b48000916e730b104119d9ae596>

DOI: 10.1002/jhet.2869

Althagafi, I., Elghalban, M.G., Saad, F., Al-Fahemi, J.H., El-Metwaly, N.M., Bondock, S., Almazroai, L., Saleh, K.A., Al-Hazmi, G.A.

Spectral characterization, CT-DNA binding, DFT/B3LYP, molecular docking and antitumor studies for new nano-sized VO(II)-hydrazonoyl complexes

(2017) 242, pp. 662-677.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025470806&doi=10.1016%2fj.molliq.2017.06.113&partnerID=40&md5=8a4daf8fd11f6871ff990ea706345ed8>

DOI: 10.1016/j.molliq.2017.06.113

Helal, M.H., Salem, M.A., Aly, H.M.

Synthesis, Antimicrobial Activity and Molecular Modeling of Some Novel 5-Aminopyrazole, Pyrazolo[1,5-a]pyrimidine, Bispyrazole and Bispyridone Derivatives Containing Antipyrinyl Moiety

(2017) 54 (5), pp. 2614-2626.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017384334&doi=10.1002%2fjhet.2858&partnerID=40&md5=6c7c731f0d262b685beaef631c556311>

DOI: 10.1002/jhet.2858

Abu-Melha, S.

A new synthetic route to benzophenone derivatives

(2017) 23 (4), pp. 313-316.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027197205&doi=10.1515%2fhc-2017-0005&partnerID=40&md5=8fc637b7a110c4573fa912185f06e8ec>

DOI: 10.1515/hc-2017-0005

Tataroğlu, A., Al-Sehemi, A.G., Özdemir, M., Özdemir, R., Usta, H., Al-Ghamdi, A.A., Farooq, W.A., Yakuphanoglu, F.

Frequency and electric field controllable photodevice: FYTRONIX device

(2017) 519, pp. 53-58.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019661564&doi=10.1016%2fj.physb.2017.05.046&partnerID=40&md5=17ff93173610358680a55ea51b0efb01>

DOI: 10.1016/j.physb.2017.05.046

Abd El-Aziz, M., Yahya, A.S.

Perturbation analysis of unsteady boundary layer slip flow and heat transfer of Casson fluid past a vertical permeable plate with Hall current

(2017) 307, pp. 146-164.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015767574&doi=10.1016%2fj.amc.2017.02.034&partnerID=40&md5=5b9a7933982378a6aa6325c9e0088c83>

DOI: 10.1016/j.amc.2017.02.034

Yahia, I.S., Farag, A.A.M., Jafer, R., Iqbal, J., Zahran, H.Y., Chusnutdinow, S., Wojtowicz, T., Karczewski, G.

Electrical, photovoltaic and photosensitivity characteristics of p-ZnTe:N/CdTe:Mg/n-CdTe:I/GaAs for photodiode applications

(2017) 67, pp. 33-40.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019211361&doi=10.1016%2fj.mssp.2017.05.006&partnerID=40&md5=afa3495654be0277ade1c822b bc9f9b8>

DOI: 10.1016/j.mssp.2017.05.006

Pannipara, M., Al-Sehemi, A.G., Kalam, A., Asiri, A.M., Arshad, M.N.

AIE active turn-off fluorescent probe for the detection of Cu<sup>2+</sup> ions

(2017) 183, pp. 84-89.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017676487&doi=10.1016%2fj.saa.2017.04.045&partnerID=40&md5=6f94dc3d98df7a189bbaa5e6084 fe20a>

DOI: 10.1016/j.saa.2017.04.045

Irfan, A., Chaudhry, A.R., Muhammad, S., Al-Sehemi, A.G.

Exploring the potential of boron-doped nanographene as efficient charge transport and nonlinear optical material: A first-principles study

(2017) 75, pp. 209-219.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020028783&doi=10.1016%2fj.jmgm.2017.05.017&partnerID=40&md5=4d446d25f32f80821f94acc69f c347b0>



DOI: 10.1016/j.jmgm.2017.05.017

Chaudhry, A.R., Irfan, A., Muhammad, S., Al-Sehemi, A.G., Ahmed, R., Jingping, Z.

Computational study of structural, optoelectronic and nonlinear optical properties of dynamic solid-state chalcogen derivatives

(2017) 75, pp. 355-364.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021241992&doi=10.1016%2fj.jmgm.2017.05.012&partnerID=40&md5=87501b3f9c44da9af5013f2d4f3011ca>

DOI: 10.1016/j.jmgm.2017.05.012

Shkir, M., AlFaify, S., Ganesh, V., Yahia, I.S.

Facile one pot synthesis of PbS nanosheets and their characterization

(2017) 70, pp. 81-85.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021258112&doi=10.1016%2fj.solidstatesciences.2017.06.006&partnerID=40&md5=24a29653cacb27822610d7e9169cacb5>

DOI: 10.1016/j.solidstatesciences.2017.06.006

Nawar, A.M., Yahia, I.S.

Fabrication and characterization of anthracene thin films for wide-scale organic optoelectronic applications based on linear/nonlinear analyzed optical dispersion parameters

(2017) 70, pp. 1-10.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018406721&doi=10.1016%2fj.optmat.2017.05.006&partnerID=40&md5=e6af7841cb75ab3f2e05f1ffc09ff8c3>

DOI: 10.1016/j.optmat.2017.05.006

Sabek, S., Ben Nasr, K., Tiss, F., Chouikh, R., Guizani, A.

Performance investigation of desiccant liquid air membrane energy exchanger: Air and lithium chloride effects [Étude sur de performance d'un échangeur d'énergie déshydratant à membrane liquide/air : effets de l'air et du lithium liquide]

(2017) 80, pp. 145-157.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020915924&doi=10.1016%2fj.ijrefrig.2017.04.027&partnerID=40&md5=e4117c333b996c43d44e73ea80e9de90>

DOI: 10.1016/j.ijrefrig.2017.04.027

Fazary, A.E., Ju, Y.-H., Abd-Rabboh, H.S.M.

How does chromatin package DNA within nucleus and regulate gene expression?

(2017) 101, pp. 862-881.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017184200&doi=10.1016%2fj.ijbiomac.2017.03.165&partnerID=40&md5=053d2962a6518cb8c6756ebe12516f6e>

DOI: 10.1016/j.ijbiomac.2017.03.165

Fouda, A.M., Amr, A.E.-G.E., El-Agrody, A.M., Al-Omar, M.A., Ghabbour, H.A.

Spectroscopic data, single x-ray and antimicrobial activity of microwave synthesized 3-amino-8-bromo-1-(2,5-dichlorophenyl)-1H-Benzo[f]Chromene-2-Carbonitrile

(2017) 14 (8), pp. 3831-3836.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028080019&doi=10.1166%2fjctn.2017.6681&partnerID=40&md5=5bcfded1e93a7d032c5bd4a0b40ffada>

DOI: 10.1166/jctn.2017.6681

Fouda, A.M., Amr, A.E.-G.E., El-Agrody, A.M., Al-Omar, M.A., Ghabbour, H.A.

Crystal structure of 3-amino-8-methoxy-1-(4-methoxy phenyl)-1H-benzo[f]chromene-2-carbonitrile, C<sub>22</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>

(2017) 232 (4), pp. 567-569.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023635094&doi=10.1515%2fncrs-2016-0341&partnerID=40&md5=ed299c6578974e87ceb96c76446f49bd>

DOI: 10.1515/ncrs-2016-0341

Muhammad, Z.A., Edrees, M.M., Faty, R.A.M., Gomha, S.M., Alterary, S.S., Mabkhot, Y.N.

Synthesis, Antitumor Evaluation and Molecular Docking of New Morpholine Based Heterocycles

(2017) 22 (7), .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045425635&doi=10.3390%2fmolecules22071211&partnerID=40&md5=3d06fddc1b14d9c5f9084daa650b2923>

DOI: 10.3390/molecules22071211

Ibrahim, A.A., Tiwari, P., Al-Assiri, M.S., Al-Salami, A.E., Umar, A., Kumar, R., Kim, S.H., Ansari, Z.A., Baskoutas, S.

A highly-sensitive picric acid chemical sensor based on ZnO nanopanants

(2017) 10 (7), art. no. 795, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023758923&doi=10.3390%2fma10070795&partnerID=40&md5=e70a7c9a6b7abfe6b4dccd08e1fd01f6>

DOI: 10.3390/ma10070795

Bani-Fwaz, M.Z., Fazary, A.E., Becker, G.

Synthesis and crystal structures of dialkyl[1,1-bis(alkylchloroalanyl)organylmethyl]phosphine•dialkylchloroalane(1/1) complexes

(2017) 70 (13), pp. 2224-2248.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022022789&doi=10.1080%2f00958972.2017.1346248&partnerID=40&md5=1279c6fd2a6d789e7053c2c09840854e>

DOI: 10.1080/00958972.2017.1346248

Al-Sehemi, A.G., Irfan, A., Alfaifi, M., Fouda, A.M., Ma'mon El-Gogary, T., Ibrahim, D.A.

Computational study and in vitro evaluation of the anti-proliferative activity of novel naproxen derivatives

(2017) 29 (3), pp. 311-319.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011310436&doi=10.1016%2fj.jksus.2017.01.003&partnerID=40&md5=dd44704e711bc106b84b77aee804796c>

DOI: 10.1016/j.jksus.2017.01.003

Shkir, M., Ganesh, V., AlFaify, S., Yahia, I.S.

Structural, linear and third order nonlinear optical properties of drop casting deposited high quality nanocrystalline phenol red thin films

(2017) 28 (14), pp. 10573-10581.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017191272&doi=10.1007%2fs10854-017-6831-8&partnerID=40&md5=96e0990073d2be6fe06e1628d7ecdd70>

DOI: 10.1007/s10854-017-6831-8

Elgazzar, E., Dayan, O., Serbetci, Z., Dere, A., Al-Sehemi, A.G., Al-Ghamdi, A.A., El-Tantawy, F., Farooq, W.A., Yakuphanoglu, F.

Heteroleptic neutral Ru(II) complexes based photodiodes

(2017) 516, pp. 7-13.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017589963&doi=10.1016%2fj.physb.2017.03.038&partnerID=40&md5=c27a86cf0ad603d6d5b833c9b73c4be4>

DOI: 10.1016/j.physb.2017.03.038

Elgazzar, E., Dere, A., Özen, F., Koran, K., Al-Sehemi, A.G., Al-Ghamdi, A.A., Orhan Görgülü, A., El-Tantawy, F., Yakuphanoglu, F.

Design and fabrication of dioxyphenylcoumarin substituted cyclotriphosphazene compounds photodiodes

(2017) 515, pp. 8-17.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016966351&doi=10.1016%2fj.physb.2017.03.025&partnerID=40&md5=1d1ea35c0972e6bc6d7bd717b1288343>

DOI: 10.1016/j.physb.2017.03.025

Yahia, I.S., Abutalib, M.M.

Synthesis, Raman spectroscopy and dielectric properties of Ag:Mn co-doped nanostructured PbI<sub>2</sub> for solid state radiation detectors

(2017) 1138, pp. 215-221.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015107842&doi=10.1016%2fj.molstruc.2017.03.016&partnerID=40&md5=5845144a13c93ec7ac6d4963e2990668>

DOI: 10.1016/j.molstruc.2017.03.016

Al-Sehemi, A.G., Mensah-Darkwa, K., Al-Ghamdi, A.A., Soyulu, M., Gupta, R.K., Yakuphanoglu, F.

Composite CuFe<sub>1-x</sub>Sn<sub>x</sub>O<sub>2</sub>/p-type silicon photodiodes

(2017) 180, pp. 110-118.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014638919&doi=10.1016%2fj.saa.2017.03.004&partnerID=40&md5=9bc810aac5f47559677686c0b3934369>

DOI: 10.1016/j.saa.2017.03.004

Irfan, A., Al-Sehemi, A.G., Chaudhry, A.R., Muhammad, S.

First principles study of the n-channel thiophene based heterocyclic chalcones

(2017) 138, pp. 349-358.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016421465&doi=10.1016%2fj.ijleo.2017.03.070&partnerID=40&md5=66c85f090c11f0c12ca8a4411f2a1c39>

DOI: 10.1016/j.ijleo.2017.03.070

Elaiw, A.M., Raezah, A.A., Alofi, A.S.

Stability of a general delayed virus dynamics model with humoral immunity and cellular infection

(2017) 7 (6), art. no. 065210, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021055716&doi=10.1063%2f1.4989569&partnerID=40&md5=78cfdb143acc714db6587793a36bf0f>

DOI: 10.1063/1.4989569

Atia, M., Alshehri, M., Alfaifi, M., Abdel Shakor, A.B.

Repressive effect of curcumin against 2-amino-3-methylimidazo [4, 5-f] quinoline induced hepato- and immunotoxicity in mice

(2017) 55 (6), pp. 365-371.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020405845&partnerID=40&md5=642e14d2e752f752bafd8480cff8c8fc>

Mehmood, T., Maryam, A., Ghramh, H.A., Khan, M., Ma, T.

Deoxyelephantopin and isodeoxyelephantopin as potential anticancer agents with effects on multiple signaling pathways

(2017) 22 (6), art. no. 1013, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021155627&doi=10.3390%2fmolecules22061013&partnerID=40&md5=a907035f0cfbf6a140e46d03e358fab4>

DOI: 10.3390/molecules22061013

Gomha, S.M., Muhammad, Z.A., Edrees, M.M.

Ethyl 7-methyl-1-(4-nitrophenyl)-5-phenyl-3- (thiophen-2-yl)-1,5-dihydro-[1,2,4]triazolo [4,3-a]pyrimidine-6-carboxylate

(2017) 2017 (2), art. no. M942, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020759656&doi=10.3390%2fM942&partnerID=40&md5=3a5f633561a7aec7ce5121964b71945d>

DOI: 10.3390/M942

Saad, F.A., Elghalban, M.G., Al-Fahemi, J.H., Yarkandy, N., El-Metwaly, N.M., Abou-Melha, K.S., Al-Hazmi, G.A., Saleh, K.A.

Simulative aurintricarboxylic acid molecular docking with antitumor activity for its VO(II), Cr(III), Mn(II) and Fe(III) complexes, HF/DFT modeling and elaborated EPR studies

(2017) 128 (3), pp. 1565-1578.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009863203&doi=10.1007%2fs10973-016-6054-x&partnerID=40&md5=eb982c7ccd5a2bee4047e8c0c55fd0d6>

DOI: 10.1007/s10973-016-6054-x

Emam, D.R., Alhajoj, A.M., Elattar, K.M., Kheder, N.A., Fadda, A.A.

Synthesis and evaluation of curcuminoid analogues as antioxidant and antibacterial agents

(2017) 22 (6), art. no. 971, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021143559&doi=10.3390%2fmolecules22060971&partnerID=40&md5=fbe8549a22c4487fb233e21fefafc7c3>

DOI: 10.3390/molecules22060971

Biswas, A., Ullah, M.Z., Asma, M., Zhou, Q., Moshokoa, S.P., Belic, M.

Optical solitons with quadratic-cubic nonlinearity by semi-inverse variational principle

(2017) 139, pp. 16-19.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016487593&doi=10.1016%2fj.ijleo.2017.03.111&partnerID=40&md5=707b69ef338fcb0411d3e2d383ac11e2>

DOI: 10.1016/j.ijleo.2017.03.111

Emara, M., Mansour, S.F., Hassaan, M.Y., Yousef, E.S.

Evaluation of the elastic properties of monovalent oxides using TeO<sub>2</sub>-based glasses

(2017) 40 (3), pp. 555-560.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021750671&doi=10.1007%2fs12034-017-1409-x&partnerID=40&md5=c7bea8983a5b18ce713da756c5bdd5b5>

DOI: 10.1007/s12034-017-1409-x

Zahran, H.Y., Yahia, I.S., Alamri, F.H.

Nanostructured pyronin Y thin films as a new organic semiconductor: Linear/nonlinear optics, band gap and dielectric properties

(2017) 513, pp. 95-102.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014937620&doi=10.1016%2fj.physb.2017.02.026&partnerID=40&md5=84a9274d8c87740f358c9052bfb8fea9>

DOI: 10.1016/j.physb.2017.02.026

Gomha, S.M., Edrees, M.M., Faty, R.A.M., Muhammad, Z.A., Mabkhot, Y.N.



Microwave-assisted one pot three-component synthesis of some novel pyrazole scaffolds as potent anticancer agents

(2017) 11 (1), art. no. 37, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019160101&doi=10.1186%2fs13065-017-0266-4&partnerID=40&md5=d8c19eb2f3b6db12b089b53c383872a7>

DOI: 10.1186/s13065-017-0266-4

Al-Sehemi, A.G., Al-Amri, R.S.A.A., Irfan, A.

Synthesis, characterization and density functional theory investigations of the N,N-diacylaniline derivatives

(2017) 10, pp. S1847-S1854.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880909904&doi=10.1016%2fj.arabjc.2013.07.011&partnerID=40&md5=2399baef6fb1a928dbdb75053000c5c8>

DOI: 10.1016/j.arabjc.2013.07.011

Al-Sehemi, A.G., Irfan, A.

Effect of donor and acceptor groups on radical scavenging activity of phenol by density functional theory

(2017) 10, pp. S1703-S1710.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879618966&doi=10.1016%2fj.arabjc.2013.06.019&partnerID=40&md5=c615018b0eed73702cb15e4e553d7e88>

DOI: 10.1016/j.arabjc.2013.06.019

Ahmad, S., Bouarissa, N.

Strained rocksalt ScN: Ab initio studies of electronic structure and lattice-dynamical properties

(2017) 4 (5), art. no. aa6d01, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020179002&doi=10.1088%2f2053-1591%2faa6d01&partnerID=40&md5=4095b3014e0a89e2ce832181d65a3e4b>

DOI: 10.1088/2053-1591/aa6d01

Yahia, I.S., Keshk, S.M.A.S.

Preparation and characterization of PVA/Congo red polymeric composite films for a wide scale laser filters

(2017) 90, pp. 197-200.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007240103&doi=10.1016%2fj.optlastec.2016.10.008&partnerID=40&md5=027bef153efafbad54be92e17e88af48>

DOI: 10.1016/j.optlastec.2016.10.008

Pannipara, M., Al-Sehemi, A.G., Kalam, A., Mohammed Musthafa, T.N.

Photophysics of Dihydroquinazolinone Derivatives: Experimental and Theoretical Studies

(2017) 27 (3), pp. 1161-1170.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015665827&doi=10.1007%2fs10895-017-2051-0&partnerID=40&md5=860b6fd2d09be75d7bee63aaeed999f5>

DOI: 10.1007/s10895-017-2051-0

Azaza, H., Mechi, L., Doggaz, A., Optasanu, V., Tlili, M., Amor, M.B.

Calcite and barite precipitation in CaCO<sub>3</sub>-BaSO<sub>4</sub>-NaCl and BaSO<sub>4</sub>-NaCl-CaCl<sub>2</sub> aqueous systems: kinetic and microstructural study

(2017) 10 (10), art. no. 220, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019198742&doi=10.1007%2fs12517-017-3005-1&partnerID=40&md5=0d87404150ef0f1dd7891fafb5d90866>

DOI: 10.1007/s12517-017-3005-1

Prabu, R.D., Valanarasu, S., Kulandaisamy, I., Ganesh, V., Shkir, M., Kathalingam, A.

Studies on copper oxide thin films prepared by simple nebulizer spray technique

(2017) 28 (9), pp. 6754-6762.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010950593&doi=10.1007%2fs10854-017-6371-2&partnerID=40&md5=d0b1c51a93f671ea4e97acc40701c93b>

DOI: 10.1007/s10854-017-6371-2

Shkir, M., Omar, S., Arora, M., AlFaify, S., Jain, V.K., Ganesh, V.

Molecular structure, vibrational, factor group, optical and second order polarizability analysis of the L-prolinium trichloroacetate: A computational approach

(2017) 136, pp. 327-335.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013645402&doi=10.1016%2fj.ijleo.2017.01.112&partnerID=40&md5=6bb65fe83be64096377f2d374d7ac036>

DOI: 10.1016/j.ijleo.2017.01.112

Hesham, A.E.L., Alrumman, S.A., Al-Dayel, M.A., Salah, H.A.

Screening and genetic identification of acidic and neutral protease-producing yeasts strains by 26S rRNA gene sequencing

(2017) 51 (3), pp. 221-229.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021455652&doi=10.3103%2fS0095452717030033&partnerID=40&md5=f758333482e514b02b572654e8350ebe>

DOI: 10.3103/S0095452717030033

Mohamed, H.M., Fouda, A.M., Khattab, E.S.A.E.H., El-Agrody, A.M., Afifi, T.H.

Synthesis, in-vitro cytotoxicity of 1H-benzo[f]chromene derivatives and structure-activity relationships of the 1-aryl group and 9-position

(2017) 72 (5-6), pp. 161-171.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018446929&doi=10.1515%2fznc-2016-0139&partnerID=40&md5=395f4b86063ccfd068c0c9c96ae55c1e>

DOI: 10.1515/znc-2016-0139

Arnous, A.H., Ullah, M.Z., Moshokoa, S.P., Zhou, Q., Triki, H., Mirzazadeh, M., Biswas, A.

Optical solitons in nonlinear directional couplers with trial function scheme

(2017) 88 (3), pp. 1891-1915.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010817851&doi=10.1007%2fs11071-017-3351-2&partnerID=40&md5=bd361a24541b346a45fc3cddb10764a3>

DOI: 10.1007/s11071-017-3351-2

Williams, R.V., Al-Sehemi, A.G., Meier, A.K., Brown, Z.Z., Armantrout, J.R.

The Role of Strain in the Homoaromatization of Semibullvalenes

(2017) 82 (8), pp. 4136-4147.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018512667&doi=10.1021%2facsc.joc.7b00043&partnerID=40&md5=14c536a38a350f9dad9264efb46b85c5>

DOI: 10.1021/acs.joc.7b00043

Dildar, M.S., Khan, N., Abdullah, J.B., Khan, A.S.

Effective way to defend the hypervisor attacks in cloud computing

(2017) art. no. 7905282, pp. 154-159.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019196124&doi=10.1109%2fAnti-Cybercrime.2017.7905282&partnerID=40&md5=98c6a0fb84bcd76a398918a5b04c6d6c>

DOI: 10.1109/Anti-Cybercrime.2017.7905282

Yahia, I.S., Salem, G.F., Iqbal, J., Yakuphanoglu, F.

Linear and nonlinear optical discussions of nanostructured Zn-doped CdO thin films

(2017) 511, pp. 54-60.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011876434&doi=10.1016%2Fj.physb.2017.01.030&partnerID=40&md5=5705aa16a284dece329815aae159c5a5>

DOI: 10.1016/j.physb.2017.01.030

Ganesh, V., Shkir, M., AlFaify, S., Yahia, I.S.

Enhanced optoelectronic, thermal, mechanical and third order nonlinear optical properties of dichlorobis(thiourea)zinc(II) crystal: an effect of Phenol red dye

(2017) 28 (8), pp. 5733-5745.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009251167&doi=10.1007%2Fs10854-016-6245-z&partnerID=40&md5=a81b4a6d6aae6d7e2adbd33ea615052a>

DOI: 10.1007/s10854-016-6245-z

El-Agrody, A.M., Fouda, A.M., Khattab, E.S.A.E.H.

Halogenated 2-amino-4H-benzo[h]chromene derivatives as antitumor agents and the relationship between lipophilicity and antitumor activity

(2017) 26 (4), pp. 691-700.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009911248&doi=10.1007%2Fs00044-016-1773-x&partnerID=40&md5=0f70570e3156c00db2e8b299a0ec8381>

DOI: 10.1007/s00044-016-1773-x

Shkir, M., Yahia, I.S., Al-Qahtani, A.M.A., Ganesh, V., AlFaify, S.

Investigation on physical properties of L-alanine: An effect of Methylene blue dye

(2017) 1131, pp. 43-50.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997294968&doi=10.1016%2fj.molstruc.2016.11.007&partnerID=40&md5=ca5d2294a4c6fd6b9f447b2e23433801>

DOI: 10.1016/j.molstruc.2016.11.007

Irfan, A., Kalam, A., Chaudhry, A.R., Al-Sehemi, A.G., Muhammad, S.

Electro-optical, nonlinear and charge transfer properties of naphthalene based compounds: A dual approach study

(2017) 132, pp. 101-110.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006760139&doi=10.1016%2fj.ijleo.2016.12.023&partnerID=40&md5=5ad85353221ee5920cafa319e8d2ac30>

DOI: 10.1016/j.ijleo.2016.12.023

Muhammad, S., Al-Sehemi, A.G., Su, Z., Xu, H., Irfan, A., Chaudhry, A.R.

First principles study for the key electronic, optical and nonlinear optical properties of novel donor-acceptor chalcones

(2017) 72, pp. 58-69.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008384613&doi=10.1016%2fj.jmngm.2016.12.009&partnerID=40&md5=5dcc571d95c232f4e993e36b169edf36>

DOI: 10.1016/j.jmngm.2016.12.009

Yahia, I.S., Shkir, M., AlFaify, S., Ganesh, V., Zahran, H.Y., Kilany, M.

Facile microwave-assisted synthesis of Te-doped hydroxyapatite nanorods and nanosheets and their characterizations for bone cement applications

(2017) 72, pp. 472-480.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002766461&doi=10.1016%2fj.msec.2016.11.074&partnerID=40&md5=316922866399ed3c7c96a2f9fd0c0849>

DOI: 10.1016/j.msec.2016.11.074

Malik, H.A.M., Mahesar, A.W., Abid, F., Waqas, A., Wahiddin, M.R.

Two-mode network modeling and analysis of dengue epidemic behavior in Gombak, Malaysia

(2017) 43, pp. 207-220.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007021155&doi=10.1016%2fj.apm.2016.10.060&partnerID=40&md5=009a1534ea38336db4ac7b89a9ff8325>

DOI: 10.1016/j.apm.2016.10.060

Shkir, M., Yahia, I.S., Al-Qahtani, A.M.A.

Corrigendum to “Bulk monocrystal growth, optical, dielectric, third order nonlinear, thermal and mechanical studies on HCl added L-alanine: An organic NLO material” [Mater. Chem. Phys. 184 (2016) 12–22](S0254058416305727)(10.1016/j.matchemphys.2016.07.052)

(2017) 189, pp. 84-85.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010900093&doi=10.1016%2fj.matchemphys.2016.12.043&partnerID=40&md5=69a222ecbe48630f2f2f5332ee5fae1e>

DOI: 10.1016/j.matchemphys.2016.12.043

Dahshan, A.

New amorphous As–Se–Sb–Cu thin films: theoretical characterization and evaluation of optical constants

(2017) 123 (3), art. no. 210, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014696660&doi=10.1007%2fs00339-017-0792-x&partnerID=40&md5=e95450a05aaec8664e99dcc7c27e0ddd>

DOI: 10.1007/s00339-017-0792-x

Algarni, H., Umar, A., Kim, S.H., Al-Assiri, M.S., Alfaify, S.

Growth of quasi-aligned ZnO nanoneedles: Structural, optical and field emission properties

(2017) 17 (3), pp. 2134-2139.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009987868&doi=10.1166%2fjnn.2017.12803&partnerID=40&md5=6d5eb2195ec222405b0dedd2d7c7cdd6>

DOI: 10.1166/jnn.2017.12803

Vega-Guzman, J., Ullah, M.Z., Asma, M., Zhou, Q., Biswas, A.

Dispersive solitons in magneto-optic waveguides

(2017) 103, pp. 161-170.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011011151&doi=10.1016%2fj.spmi.2017.01.020&partnerID=40&md5=8b4887be9834b0424c10a8f0ade1c918>

DOI: 10.1016/j.spmi.2017.01.020

Saad, F.A., El-Metwaly, N.M., Farghaly, T.A., Elghalban, M.G., Shah, R.K., Al-Hazmi, G.A., Saleh, K.A., Alfaifi, M.Y.

Illustration for series of new metal ion complexes extracted from pyrazolone derivative, spectral, thermal, QSAR, DFT/B3LYP, docking and antitumor investigations

(2017) 229, pp. 614-627.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011081924&doi=10.1016%2fj.molliq.2016.11.035&partnerID=40&md5=a87d0a557482394f28d6ef5a227c7e07>

DOI: 10.1016/j.molliq.2016.11.035

Ullah, M.Z., Biswas, A., Moshokoa, S.P., Zhou, Q., Mirzazadeh, M., Belic, M.

Dispersive optical solitons in DWDM systems

(2017) 132, pp. 210-215.



<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007082685&doi=10.1016%2fj.ijleo.2016.12.008&partnerID=40&md5=03d0f003ced7deec00e26c94500aa7fd>

DOI: 10.1016/j.ijleo.2016.12.008

Shkir, M., Ganesh, V., AlFaify, S., Algarni, H., Bhagavannarayana, G., Maurya, K.K., Abutalib, M.M., Yahia, I.S.

Bulk growth, structural, vibrational, crystalline perfection, optical and dielectric properties of L-threonine doped KDP single crystals grown by Sankaranarayanan-Ramasamy (SR) method

(2017) 21 (2), pp. 106-114.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981717823&doi=10.1080%2f14328917.2016.1192715&partnerID=40&md5=1ad779dbe1c04dbc0590eb8ea7002b07>

DOI: 10.1080/14328917.2016.1192715

El-Bashir, S.M., Yahia, I.S., Al-Harbi, F., Elburaih, H., Al-Faifi, F., Aldosari, N.A.

Improving photostability and efficiency of polymeric luminescent solar concentrators by PMMA/MgO nanohybrid coatings

(2017) 14 (3), pp. 270-278.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010903969&doi=10.1080%2f15435075.2016.1233422&partnerID=40&md5=a0295c1e3b95007c39498229e7166641>

DOI: 10.1080/15435075.2016.1233422

Alqahtani, H., Kavakli, M.

IMAP-CampUS: Developing an intelligent mobile augmented reality program on campus as a ubiquitous system

(2017) Part F127852, pp. 1-5.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020906061&doi=10.1145%2f3057039.3057062&partnerID=40&md5=0420cf68e493d887c5ae761b190abc67>

DOI: 10.1145/3057039.3057062

Shkir, M., Patil, P.S., Arora, M., AlFaify, S., Algarni, H.

An experimental and theoretical study on a novel donor- $\pi$ -acceptor bridge type 2, 4, 5-trimethoxy-4'-chlorochalcone for optoelectronic applications: A dual approach

(2017) 173, pp. 445-456.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989347191&doi=10.1016%2fj.saa.2016.09.022&partnerID=40&md5=a279b0878e712b286323425f8296388d>

DOI: 10.1016/j.saa.2016.09.022

Fouda, A.M.

Halogenated 2-amino-4H-pyrano[3,2-h]quinoline-3-carbonitriles as antitumor agents and structure-activity relationships of the 4-, 6-, and 9-positions

(2017) 26 (2), pp. 302-313.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010036597&doi=10.1007%2fs00044-016-1747-z&partnerID=40&md5=9b3f789f7c7d0eefc60a72cd1109d2fd>

DOI: 10.1007/s00044-016-1747-z

Afify, A.A., El-Aziz, M.A.

Lie group analysis of flow and heat transfer of non-Newtonian nanofluid over a stretching surface with convective boundary condition

(2017) 88 (2), art. no. 31, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014410919&doi=10.1007%2fs12043-016-1336-1&partnerID=40&md5=91f8fccff122bdfdf7dd586150b14b19>

DOI: 10.1007/s12043-016-1336-1

Al-Hazmi, G.A.A., Metwally, N.E.

A series of nickel(II) complexes derived from hydrazide derivatives, electrochemical, thermal and spectral studies

(2017) 10, pp. S1003-S1013.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874030644&doi=10.1016%2fj.arabjc.2013.01.002&partnerID=40&md5=8a41e31301af177adb1d44ef18265a71>

DOI: 10.1016/j.arabjc.2013.01.002

Haq, B.U., Ahmed, R., Mohamad, M., Shaari, A., Rhee, J., AlFaify, S., Kanoun, M.B., Goumri-Said, S.

Engineering of highly mismatched alloy with semiconductor and semi-metallic substituent's for photovoltaic applications

(2017) 17 (2), pp. 162-168.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002301279&doi=10.1016%2fj.cap.2016.10.017&partnerID=40&md5=9a217fec4550ec36dcdfca5f36d52b6a>

DOI: 10.1016/j.cap.2016.10.017

Yassien, K.M., Agour, M.

Measuring opto-thermal parameters of basalt fibers using digital holographic microscopy

(2017) 80 (2), pp. 211-219.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995873389&doi=10.1002%2fjemt.22789&partnerID=40&md5=dbf946c05c05f2840df898219ecb97d7>

DOI: 10.1002/jemt.22789

Bouarissa, N., Siddiqui, S.A., Boucenna, M., Khan, M.A.

Band structure and optical constants of GaAs<sub>1-x</sub>N<sub>x</sub>

(2017) 131, pp. 317-322.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996847755&doi=10.1016%2fj.ijleo.2016.11.090&partnerID=40&md5=a5313e56100b144d85df4df800380f40>

DOI: 10.1016/j.ijleo.2016.11.090

Ali, D., Butt, M.Z., Arif, B., Al-Sehemi, A.G., Al-Ghamdi, A.A., Yakuphanoglu, F.

Li induced enhancement in c-axis orientation and its effect on structural, optical, and electrical properties of ZnO thin films

(2017) 4 (2), art. no. 026405, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014392164&doi=10.1088%2f2053-1591%2faa5b68&partnerID=40&md5=cde9100d874e99820ae83c5b840997a3>

DOI: 10.1088/2053-1591/aa5b68

Jum'h, I., Abd El-Sadek, M.S., Al-Taani, H., Yahia, I.S., Karczewski, G.

Influence of Illumination on the Electrical Properties of p-(ZnMgTe/ZnTe:N)/CdTe/n-(CdTe:I)/GaAs Heterojunction Grown by Molecular Beam Epitaxy (MBE)

(2017) 46 (2), pp. 1061-1066.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994171849&doi=10.1007%2fs11664-016-5071-7&partnerID=40&md5=e635850fd536f24970e7fcc12c73e6c8>

DOI: 10.1007/s11664-016-5071-7

Hamad, G.M., Taha, T.H., Alshehri, A., El-Deeb, N.M.

Myrrh as a Functional Food with Therapeutic Properties Against Colon Cancer in Traditional Meals

(2017) 41 (1), art. no. e12963, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982948434&doi=10.1111%2fjfp.12963&partnerID=40&md5=a7c23f74f8548dbaa14a408e4981d1fa>

DOI: 10.1111/jfpp.12963

Arnous, A.H., Ullah, M.Z., Moshokoa, S.P., Zhou, Q., Triki, H., Mirzazadeh, M., Biswas, A.

Optical solitons in birefringent fibers with modified simple equation method

(2017) 130, pp. 996-1003.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006827256&doi=10.1016%2fj.ijleo.2016.11.101&partnerID=40&md5=fed972d0bdc82a9fbf666263b6a928d2>

DOI: 10.1016/j.ijleo.2016.11.101

Ekici, M., Mirzazadeh, M., Sonmezoglu, A., Zhou, Q., Triki, H., Ullah, M.Z., Moshokoa, S.P., Biswas, A.

Optical solitons in birefringent fibers with Kerr nonlinearity by exp-function method

(2017) 131, pp. 964-976.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85004024878&doi=10.1016%2fj.ijleo.2016.12.015&partnerID=40&md5=ed755039b032c3ab03e4fdac25ae8d21>

DOI: 10.1016/j.ijleo.2016.12.015

Ashraf, I.M., Almoeed, S., Yousef, E.S.

Enhanced thermal stability and optical properties in Tm<sup>3+</sup>/Dy<sup>3+</sup> ions codoped TNbZ glasses

(2017) 131, pp. 221-230.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996504319&doi=10.1016%2fj.ijleo.2016.11.063&partnerID=40&md5=79c55979d2585d0fae2262526c7fd238>

DOI: 10.1016/j.ijleo.2016.11.063

Al-Sehemi, A.G., Pannipara, M., Kalam, A.

Quinazolinone derivative: Model compound for determination of dipole moment, solvatochromism and metal ion sensing

(2017) 171, pp. 97-103.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979899293&doi=10.1016%2fj.saa.2016.07.038&partnerID=40&md5=b233962cb1d620f84b83b9af41fd8494>

DOI: 10.1016/j.saa.2016.07.038

Malik, H.A.M., Abid, F., Wahiddin, M.R., Bhatti, Z.

Robustness of dengue complex network under targeted versus random attack

(2017) 2017, art. no. 2515928, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029434922&doi=10.1155%2f2017%2f2515928&partnerID=40&md5=6591e00d03baa3281541a194210365ee>

DOI: 10.1155/2017/2515928

Shkir, M.

Investigation on the key features of L-Histidinium 2-nitrobenzoate (LH2NB) for optoelectronic applications: A comparative study

(2017) 29 (1), pp. 70-83.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971657347&doi=10.1016%2fj.jksus.2016.03.002&partnerID=40&md5=367995ccfcaacb02882395b8c5a1db2a>

DOI: 10.1016/j.jksus.2016.03.002

Badran, H., Yahia, I.S., Hamdy, M.S., Awwad, N.S.

Lithium-doped hydroxyapatite nano-composites: Synthesis, characterization, gamma attenuation coefficient and dielectric properties

(2017) 130, pp. 85-91.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983001440&doi=10.1016%2fj.radphyschem.2016.08.001&partnerID=40&md5=033d1b8b5ba4476273053abbb38782fb>

DOI: 10.1016/j.radphyschem.2016.08.001

Raizah, Z.A.

MHD mixed bioconvection stagnation-point flow of a nanofluid toward stretching surfaces with viscous dissipation and joule heating effects

(2017) 9 (5), pp. 467-481.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039750037&doi=10.1615%2fComputThermalScien.2017019614&partnerID=40&md5=01343462f92703d2238aca149e25997c>

DOI: 10.1615/ComputThermalScien.2017019614

Al-Sehemi, A.G., Irfan, A., Al Fahad, A., Alfaifi, M.

Radical scavenging activity of some natural tropolones by density functional theory

(2017) 31 (1), pp. 149-157.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024505092&doi=10.4314%2fbcse.v31i1.13&partnerID=40&md5=daac6bcb7fede2744f8489e65d1a5d40>

DOI: 10.4314/bcse.v31i1.13

Mohammed, M.E.A., Alfifi, A., AalMudawi, A., Alfaifi, M.Y., Elbehairi, S.E.I., Al-Bushnaq, H.A.

Some physiochemical properties of acacia honey from different altitudes of the asir region in southern Saudi Arabia

(2017) 35 (4), pp. 321-327.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028527752&doi=10.17221%2f428%2f2016-CJFS&partnerID=40&md5=5587d55759bea5a5eb63fd57b61a5914>

DOI: 10.17221/428/2016-CJFS

Hendi, F.A., Al-Qarni, M.M.

An accelerated homotopy perturbation method for solving nonlinear two-dimensional Volterra-Fredholm integrodifferential equations

(2017) 2017, art. no. 9385040, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031326011&doi=10.1155%2f2017%2f9385040&partnerID=40&md5=5e02f12d3ae047e03f986897dfb0379>

DOI: 10.1155/2017/9385040

Nayab, P.S., Shkir, M.

A dual responsive colorimetric and fluorescent reversible turn-on chemosensor for iron (Fe<sup>3+</sup>): Computational and spectroscopic investigations

(2017) 245, pp. 395-405.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012292968&doi=10.1016%2fj.snb.2017.01.072&partnerID=40&md5=428d4841625624d9053cd78558718150>

DOI: 10.1016/j.snb.2017.01.072

Soylu, M., Coskun, B., Al-Sehemi, A.G., Al-Ghamdi, A.A., Yakuphanoglu, F.

The validity of Kohlrausch law for the photocurrent transient and the role of N<sub>2</sub>/Ar flow ratio in photoconductivity of sputtered CoZnO

(2017) 712, pp. 152-163.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017342612&doi=10.1016%2fj.jallcom.2017.04.041&partnerID=40&md5=4b17b8cea912d8369224e416595ec1c3>

DOI: 10.1016/j.jallcom.2017.04.041



Ganesh, V., Yahia, I.S., AlFaify, S., Shkir, M.

Sn-doped ZnO nanocrystalline thin films with enhanced linear and nonlinear optical properties for optoelectronic applications

(2017) 100, pp. 115-125.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992109190&doi=10.1016%2fj.jpcs.2016.09.022&partnerID=40&md5=f57ef7d036f6a4ba93c9740fe3d10ca4>

DOI: 10.1016/j.jpcs.2016.09.022

Hassan, S.S.M., Kamel, A.K., Awwad, N.S., Aboterika, A.H.A., Yahia, I.S.

Adsorbent for efficient removal of mercury(ii) from aqueous solution

(2017) 6 (12), pp. 558-563.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060957878&doi=10.17628%2fECB.2017.6.558-563&partnerID=40&md5=04b3b64b0e57e2ab432e2158f8153523>

DOI: 10.17628/ECB.2017.6.558-563

Mahmoud, E.E., Abood, F.S.

A novel sort of adaptive complex synchronizations of two indistinguishable chaotic complex nonlinear models with uncertain parameters and its applications in secure communications

(2017) 7, pp. 4174-4182.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034023201&doi=10.1016%2fj.rinp.2017.07.050&partnerID=40&md5=f0de661ad3f5416d82614979ca8f1cba>

DOI: 10.1016/j.rinp.2017.07.050

Abdullah, M., Al-Asmari, S.

Anemia types prediction based on data mining classification algorithms

(2017) pp. 615-621.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016972452&partnerID=40&md5=723bd9d6b1eea0d376f19bd5f3665a55>

Irfan, A., Mahmood, A.

Computational designing of low energy gap small molecule acceptors for organic solar cells

(2017) 61 (4), pp. 309-316.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060017965&doi=10.29356%2fjmcs.v61i4.461&partnerID=40&md5=c9ebe2b5b4a31c103f68bf0f9e32c0fd>

DOI: 10.29356/jmcs.v61i4.461

Bani-Fwaz, M.Z., Fazary, A.E., Becker, G.

Synthesis, crystal structures, and quantum chemical calculations of Novel Phosphonium Salt-1,5-diphospha-3-phosphonia-tricyclo pentane cations

(2017) 846, pp. 51-65.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020064033&doi=10.1016%2fj.jorganchem.2017.05.052&partnerID=40&md5=ebe6587c3f583b50f742e0dba537a5af>

DOI: 10.1016/j.jorganchem.2017.05.052

Kheder, N.A., Emam, D.R., Ather, H.

Synthesis and antibacterial activities of some new heterocycles attached to pyridinecarboxamide moiety of potential biological activity

(2017) 94 (4), pp. 665-675.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018163713&doi=10.3987%2fCOM-16-13610&partnerID=40&md5=460a2bfb521cd64ec1039ee9c640d458>

DOI: 10.3987/COM-16-13610

Ocaya, R.O., Al-Sehemi, A.G., Al-Ghamdi, A., El-Tantawy, F., Yakuphanoglu, F.

Organic semiconductor photosensors

(2017) 702, pp. 520-530.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012273608&doi=10.1016%2fj.jallcom.2016.12.381&partnerID=40&md5=7662bbb74319c8778436f240f88e20c2>

DOI: 10.1016/j.jallcom.2016.12.381

Salem, M.A.

Synthesis of new thiazole, bithiazolidinone and pyrano [2,3-d] thiazole derivatives as potential antimicrobial agents

(2017) 90 (1), .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019588715&doi=10.5562%2fccca2955&partnerID=40&md5=f50b59cef35575de3ade73366ce99c6c>

DOI: 10.5562/ccca2955

Othman, M.I.A., Atwa, S.Y., Elwan, A.W.

Effect of thermal loading due to laser pulse on 3-D problem of micropolar thermoelastic solid with energy dissipation

(2017) 21 (3), pp. 679-701.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046760672&partnerID=40&md5=3c5300c71cbc7042ec68ad7e35a5b238>

El-Aziz, M.A., Yahya, A.S.

Unsteady hydromagnetic natural convection flow past an oscillating vertical surface with hall effect and convective boundary condition

(2017) 14 (1), pp. 718-727.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014960857&doi=10.1166%2fjctn.2017.6264&partnerID=40&md5=c8ec4d6d77f88ca6371e91878d375659>

DOI: 10.1166/jctn.2017.6264

Abd El-Rehim, A.F., Zahran, H.Y.

Investigation of microstructure and mechanical properties of Sn-xCu solder alloys

(2017) 695, pp. 3666-3673.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007602303&doi=10.1016%2fj.jallcom.2016.11.371&partnerID=40&md5=a80afcc0c1948caa92c130c6b3f74de1>

DOI: 10.1016/j.jallcom.2016.11.371

Jin, R., Irfan, A.

Molecular design of organic small molecules based on diindole-diimide with fused aromatic heterocycles as donors for organic solar cells

(2017) 7 (63), pp. 39899-39905.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027874764&doi=10.1039%2fc7ra07017a&partnerID=40&md5=1efe26ec72daa708d6a84913313e8737>

DOI: 10.1039/c7ra07017a

Umar, A., Alshahrani, A.A., Algarni, H., Kumar, R.

CuO nanosheets as potential scaffolds for gas sensing applications

(2017) 250, pp. 24-31.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018247186&doi=10.1016%2fj.snb.2017.04.062&partnerID=40&md5=076cf04ba24e74893404503e3ebb049d>

DOI: 10.1016/j.snb.2017.04.062

El-Agrody, A.M., Halawa, A.H., Fouda, A.M., Al-Dies, A.-A.M.

The anti-proliferative activity of novel 4H-benzo[h]chromenes, 7H-benzo[h]-chromeno[2,3-d]pyrimidines and the structure–activity relationships of the 2-, 3-positions and fused rings at the 2, 3-positions

(2017) 21 (1), pp. 82-90.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977143035&doi=10.1016%2fj.jscs.2016.03.002&partnerID=40&md5=d5fbbe90527a23245b9e279deaeffd89>

DOI: 10.1016/j.jscs.2016.03.002

Ul Haq, B., Ahmed, R., Rhee, J.Y., Shaari, A., AlFaify, S., Ahmed, M.

Composition-induced influence on the electronic band structure, optical and thermoelectric coefficients of the highly mismatched GaNSb alloy over the entire range: A DFT analysis

(2017) 693, pp. 1020-1027.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989287522&doi=10.1016%2fj.jallcom.2016.09.269&partnerID=40&md5=d095045e8494a6ce752671a31b1888e6>

DOI: 10.1016/j.jallcom.2016.09.269

Shaaban, E.R., Yahia, I.S., Sharaf, E.R.

Structure Analysis and Optical Parameters of Nano-scale ZnSe/Flexible Substrate Thin Film

(2017) 46 (1), pp. 527-534.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987638492&doi=10.1007%2fs11664-016-4926-2&partnerID=40&md5=3d3e795dd02b82cb43d2e2dad7404d37>

DOI: 10.1007/s11664-016-4926-2

Abboud, M., Sayari, A.

Novel family of periodic mesoporous organosilicas containing azobenzene within the pore walls

(2017) 249, pp. 157-164.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018786623&doi=10.1016%2fj.micromeso.2017.04.061&partnerID=40&md5=bec98b370a3390d76b9629feec0955e2>

DOI: 10.1016/j.micromeso.2017.04.061

Fazary, A.E., Ju, Y.-H., Al-Shihri, A.S., Bani-Fwaz, M.Z., Alfaifi, M.Y., Alshehri, M.A., Saleh, K.A., Elbehairi, S.E.I., Fawy, K.F., Abd-Rabboh, H.S.M.

Platinum and vanadate Bioactive Complexes of Glycoside Naringin and Phenolates

(2017) 15 (1), pp. 189-199.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027304335&doi=10.1515%2fchem-2017-0022&partnerID=40&md5=411caed090524627b5382dfab3f92143>

DOI: 10.1515/chem-2017-0022

Fazary, A.E., Ju, Y.-H., Fawy, K.F., Al-Shihri, A.S., Bani-Fwaz, M.Z., Alfaifi, M.Y., Shati, A.A., Elbehairi, S.E.I., Abd-Rabboh, H.S.M.

Nicotine – Metal ion interactions in solutions: Potentiometric, cyclic voltammetry investigations and quantum chemical calculations

(2017) 112, pp. 283-292.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019582967&doi=10.1016%2fj.jct.2017.05.024&partnerID=40&md5=8684c15afce05ce8129591294fd084a1>

DOI: 10.1016/j.jct.2017.05.024

Agami, R.A., Ghramh, H.A., Hashem, M.

Seed inoculation with *Azospirillum lipoferum* alleviates the adverse effects of drought stress on wheat plants

(2017) 90, pp. 165-173.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044628789&doi=10.5073%2fJABFQ.2017.090.021&partnerID=40&md5=2d2c66f7d2aee3317f25bed952a547a9>

DOI: 10.5073/JABFQ.2017.090.021

Mostafa, R.E., Salama, A.A.A., Abdel-Rahman, R.F., Ogaly, H.A.

Hepato-and neuro-protective influences of biopropolis on thioacetamide-induced acute hepatic encephalopathy in rats

(2017) 95 (5), pp. 539-547.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021093711&doi=10.1139%2fcjpp-2016-0433&partnerID=40&md5=0bca8185954250972fdb0ee358cb273a>

DOI: 10.1139/cjpp-2016-0433

El-Bashir, S.M., Yahia, I.S., Binhussain, M.A., AlSalhi, M.S.

Designing of PVA/Rose Bengal long-pass optical window applications

(2017) 7, pp. 1238-1244.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017010484&doi=10.1016%2fj.rinp.2017.03.033&partnerID=40&md5=6c05da44f0afb298ae4bad9865679225>

DOI: 10.1016/j.rinp.2017.03.033

Gomha, S.M., Edrees, M.M., El-Arab, E.E.

Synthesis and Preliminary In-Vitro Cytotoxic Evaluation of Some Novel bis-Heterocycles Incorporating Thienothiophene

(2017) 54 (1), pp. 641-647.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964328443&doi=10.1002%2fjhet.2636&partnerID=40&md5=d4881c68f01b85f5c79dc7b0b67d85c2>

DOI: 10.1002/jhet.2636

Mohamed, H.M., Fouda, A.M., Khattab, E.S.A.E.H., El-Agrody, A.M.

Synthesis, molecular properties and evaluation of the antitumor activity of 2-amino-6-methoxy-4h-benzo[h]chromenes, 6-methoxy-2-oxo-2H-benzo[h]chromene

(2017) 13 (4), pp. 356-369.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032172875&doi=10.2174%2f1573407212666161018150119&partnerID=40&md5=95c8af73e886c5d590af879f2c7a4bbf>

DOI: 10.2174/1573407212666161018150119

El-Bashir, S.M., Yahia, I.S., Binhussain, M.A., AlSalhi, M.S.

Design of Rose Bengal/FTO optical thin film system as a novel nonlinear media for infrared blocking windows

(2017) 7, pp. 1852-1858.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020484425&doi=10.1016%2fj.rinp.2017.05.027&partnerID=40&md5=a18e415c32ac97569145c2932f34ddfb>

DOI: 10.1016/j.rinp.2017.05.027

Nabil, T., Soliman, A.H.

Common fixed point theorems for generalized non-expansive semi-topological semigroups in locally convex spaces

(2017) 18 (2), pp. 709-720.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026836255&doi=10.24193%2ffpt-ro.2017.2.57&partnerID=40&md5=75060dd9cb479d4370ae8b2241ae5242>

DOI: 10.24193/fpt-ro.2017.2.57

Butt, F.K., Ul Haq, B., ur Rehman, S., Ahmed, R., Cao, C., AlFaifi, S.



Investigation of thermoelectric properties of novel cubic phase SnSe: A promising material for thermoelectric applications

(2017) 715, pp. 438-444.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018741733&doi=10.1016%2fj.jallcom.2017.05.003&partnerID=40&md5=194a9a0a8125349cdd632b4510a2f606>

DOI: 10.1016/j.jallcom.2017.05.003

Hashem, M., Hesham, A.E.-L., Alrumman, S.A., Alamri, S.A.

Production of bioethanol from spoilage date fruits by new osmotolerant yeasts

(2017) 19 (4), pp. 825-833.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028589482&doi=10.17957%2fIJAB%2f15.0368&partnerID=40&md5=47ba0bcb38f2d3780cd45d35ade59d75>

DOI: 10.17957/IJAB/15.0368

Ammar, Y.A., Salem, M.A., Fayed, E.A., Helal, M.H., El-Gaby, M.S.A., Thabet, H.K.

Naproxen derivatives: Synthesis, reactions, and biological applications

(2017) 47 (15), pp. 1341-1367.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020555202&doi=10.1080%2f00397911.2017.1328066&partnerID=40&md5=62eeaae47296c2a6b667cda3ff89199a>

DOI: 10.1080/00397911.2017.1328066

Salem, M.A., Helal, M.H., Ammar, Y.A., El-Gaby, M.S.A., Thabet, H.K., Gouda, M.A.

Diphenic acid derivatives: Synthesis, reactions, and applications

(2017) 47 (10), pp. 935-960.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016475138&doi=10.1080%2f00397911.2017.1298805&partnerID=40&md5=7a24230a3c5018bf382c1bb42aca94e5>

DOI: 10.1080/00397911.2017.1298805

Gassoumi, A., Musa Saad H.-E, M., Alfaify, S., Ben Nasr, T., Bouarissa, N.

The investigation of crystal structure, elastic and optoelectronic properties of CuSbS<sub>2</sub> and CuBiS<sub>2</sub> compounds for photovoltaic applications

(2017) 725, pp. 181-189.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024362461&doi=10.1016%2fj.jallcom.2017.07.141&partnerID=40&md5=cdf3bd89357fcd7c99433eadbe30d7ba>

DOI: 10.1016/j.jallcom.2017.07.141

Nayab, P.S., Shkir, M.

Rapid and simultaneous detection of Cr (III) and Fe (III) ions by a new naked eye and fluorescent probe and its application in real samples

(2017) 251, pp. 951-957.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020037092&doi=10.1016%2fj.snb.2017.05.102&partnerID=40&md5=6c06fadd1d048e7e49105f6dfdb e54cc>

DOI: 10.1016/j.snb.2017.05.102

Daud, S.N.H., Haw, C.Y., Chiu, W.S., Aspanut, Z., Jani, N.A., Khiew, P.S., Lim, Y.C., Abd, H., Ali, A.M.

3D hyperbranched heterostructures of Ag nanocrystals-decorated ZnO nanopillars: Controlled growth and characterization of the optical properties

(2017) 19 (37), pp. 5591-5603.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029944934&doi=10.1039%2fc7ce01159h&partnerID=40&md5=49882bee53a939685dd3afcd3306797>

DOI: 10.1039/c7ce01159h